

IRCA Foreign Log – Volume 56 – 9/1/18 through 9/1/19

*** TRANS-ATLANTIC DX ***

- 153 **ROMANIA** Antena Satelor/Romania Actualitati, Brasov Bod. DEC 24 0500 – Woman in Romanian, Radio Antena Satelor ID, fast string music, talk by man, rooster crow, 3 pips; fair over static. {A} [Connelly*Y-MA]
 +DEC 24 0100 – Antena Satelor ID, folk female vocal; noisy. [MC*Y-MA]
- 162 **FRANCE** France-Inter, Allouis. AUG 24 0100 – Apparent blank carrier; fair. [MC*Y-MA]
- 171 **MOROCCO** Radio Mediterranee Internationale, Nador. AUG 24 0100 – Arabic male vocal, percussion then woman with Medi Un ID; good. [MC*Y-MA]
 +DEC 24 0500 – Woman in Arabic, chimes, attention music, news; to good peak. {A} [Connelly*Y-MA]
 +JAN 4 2200 – French talk including Medi UnID, attention music, news about Congo; good, over static crashes. {A} [MC*Y-MA]
- 183 **GERMANY** Europe No 1, Felsberg. AUG 24 0100 – Six chimes, ID "Vous écoutez Europe Un, il est trois heures"; good. [MC*Y-MA]
 +DEC 24 0500 – Two men talking in French, typical chimes, woman and man; to good peak, slight static. {A} [Connelly*Y-MA]
- 189 **ICELAND** RUV Rás, Gufuskálar. DEC 24 0500 – Female English vocal, electronic sound, man in Icelandic with RUV mention; good. {A} [Connelly*Y-MA]
 +AUG 24 0100 – Electronic interval signal, woman in Icelandic with "Ruv" mention; fair. [MC*Y-MA]
- 198 **UNITED KINGDOM** BBC Radio4, Droitwich et al. AUG 24 0100 – ID "BBC World Service, the World's Radio Station", 5+1 pips, news; to good peak. [MC*Y-MA]
 +DEC 24 0500 – Promos for comedy and science programs, woman "BBC World Service, the world's radio station", 5+1 pips, man with news about Indonesia tsunami; fair to good. {A} [Connelly*Y-MA]
- 216 **FRANCE** Radio Monte Carlo, Roumoules. DEC 24 0500 – Man in French, then woman, attention sounds in newscast; good. {A} [Connelly*Y-MA]
- 225 **POLAND** Polskie Radio, Konstantynow. DEC 24 0500 – Man in Polish, 5+1 pips, fanfare music, more talk; fair over static. {A} [Connelly*Y-MA]
 +AUG 24 0100 – Radiotelevisie Polska ID, 5+1 pips, fanfare music, news by man and woman; fair. [MC*Y-MA]
- 234 **LUXEMBOURG** RTL, Junglinster. DEC 24 0500 – Woman in French; fair over static. {A} [Connelly*Y-MA]
 +AUG 24 0100 – French news by woman; fair. [MC*Y-MA]
- 243 **UnID?** DEC 24 0500 – Bits of talk by man under YVB beacon. {A} [Connelly*Y-MA]
- 252 **ALGERIA** Radio Algerienne, Tipaza. DEC 24 0500 – Folk style vocal and guitar, 5+1 pips (last higher pitch), jingle, woman in French; good. {A} [Connelly*Y-MA]
 +AUG 24 0100 – 5+1 pips (last higher pitch), news by woman in French; well over Ireland. [MC*Y-MA]
- 252 **IRELAND** RTE Radio 1, Clarkstown. MAY 10 0300 – Man with RTE news about Ireland being the second country to declare a climate emergency; fair. Algeria apparently off at the time. {A} [MC-MA]
- 531 **ALGERIA** Jil FM, F'kirina Wilaya d'Oum El Bouaghi. SEP 29 0500 – Marching band anthem with chorus, Jil FM ID's, 2+2+1 pips, fanfare music; good. {A} [Connelly*Y-MA]
 +OCT 7 0130 – Modern dance music, Jil FM jingles, Arabic talk by man over musical accompaniment; good. {A}
 +OCT 27 0500 – Marching band anthem, Jil FM ID; fair. [MC*Y-MA]
- t +NOV 21 0300 – some music separable from 530, as always presumed to be the 600 kW Jil FM [sic], youth channel at F'Kirina, which is near the Tunisian border, 8899 km or 5529 statute miles from here. [GH-OK]
- t +NOV 24 0559 – Poor with man talking, Arabic sounding, but too poor to be sure; also lively pop music earlier 0518-20, poor to fair. Couldn't check web stream, as these loggings were gleaned from recordings. [NHP-BC]
 +DEC 9 2200 – Jil FM ID, slow music; over unID (Spain?) with pips. {A} [MC*Y-MA]
- t +DEC 28 0133 – music with a beat to it 0133 0236, likely Algeria. [BP-WA]
 +JAN 4 2100 – "Cherish the Love" by Kool and the Gang, talk by man, Jil FM ID by woman; fair. {A} [MC*Y-MA]
 +MAR 6 2300 – Soul vocal //549 with "my baby" in lyrics, Jil FM ID; to fair peak over something else, probably Spain. [MC*Y-MA]
 +MAR 24 0400 – 2+2+1 pips (following pips of co-channel Spain under), Jil FM spoken and jingle IDs, Gotye "Somebody That I Used To Know"; fair. {A}
 +MAR 27 0400 – 2+2+1 pips, Jil FM IDs, pop Arabic male vocal; loud. {A}
 +MAR 27 0500 – Marching band anthem with chorus, Jil FM ID by woman; good. {A} [Connelly*Y-MA]
 +APR 26 0100 – 2+2+1 pips, Jil FM ID by man, Jil FM jingle, dance music; fair. {A} [MC-MA]
 +AUG 23 2359 – English language boy band vocal //549; fair. [MC*Y-MA]
- 540 **HUNGARY** MR1 Kossuth Radio, Solt. NOV 30 2100 – Pips, attention music, Kossuth Radio ID; mixed with CBT. {A}
 +DEC 9 2100 – Folk instrumental, 5 equal pips, electronic interval signal music, Kossuth Radio ID; over CBT. {A} [MC*Y-MA]
 +APR 1 0300 – Classical piano, 5 pips, Kossuth Radio ID by man, electronic sound, news by woman; mixed with CBT. {A} [Connelly*Y-MA]
- 549 **ALGERIA** Jil FM, Les Trembles. OCT 21 2200 – Dance-rock through top of hour, Jil FM ID 2201:20, straight into another tune.
 +OCT 21 2300 – Rhythmic music, Jil FM IDs; good. {A} [MC*Y-MA]
 +DEC 1 0100 – Jil FM spoken and jingle IDs, music with flute, drums, female vocal; good. {A} [MC*Y-MA]
 +JAN 17 2200 – Michael Jackson "Man in the Mirror"; good peak.
 +FEB 4 0259 – Dance club music, Jil FM ID in Arabic talk by man; fair. {A} [MC*Y-MA]
 +FEB 24 0600 – Arabic talk, Jil mentions, 2+2+1 pips about 20 sec. late; fair.
 +MAR 6 2301 – Female soul vocal; to good peak. [MC*Y-MA]
 +FEB 24 0600 – Arabic talk, Jil mentions, 2+2+1 pips about 20 sec. late; fair.
 +MAR 6 2301 – Female soul vocal; to good peak. [MC*Y-MA]
 +APR 1 0400 – 2+2+1 pips, Jil FM IDs, pop Arabic male vocal; fair to good. {A} [Connelly*Y-MA]
 +JUN 8 0100 – 2+2+1 pips, Jil FM ID and jingle, modern Arabic dance club music; fair.
 +JUN 19 0052 – Soft Arabic talk by man, pop vocal. [Connelly-MA]
 +AUG 24 0000 – //531 with pop vocal, several Jil FM ID's; fair on LSB to dodge WDEV slop. [MC*Y-MA]
- UKRAINE** UR 1 Persha Program, Mykolaiv/Luch. DEC 5 2100 – 5+1 pips, Slavic language news by woman then man; fair, not much Algeria competing at the time. {A} [MC*Y-MA]
 +JAN 5 2200 – Religious-sounding chorus, 6 pips, electronic music; atop Algeria. {A} [MC*Y-MA]
- 567 **SPAIN** RNE5 synchros, MAR 6 2300 – RNE intro, news by woman; through 570 CFCB slop. [MC*Y-MA]
- 576 **BULGARIA** BNR Horizont, Vidin/Gramada. NOV 4 2200 – Slavic talk, 5+1 pips, Russian-style grand choral anthem; good/dominant. {A} [MC*Y-MA]
SPAIN RNE1 Barcelona/Palau de Plegamans. OCT 24 0342 – //855. Very poor with man talking. 576 was pretty marginal, but was definitely the same as 855 which was merely poor. [NHP-BC]
- 585 **SPAIN** RNE1, Madrid. OCT 11 0400 – Pips, RNE fanfare/news intro; WEZE slop. [MC*Y-MA]
 +OCT 24 0342 – Very poor with man talking. Also pretty marginal //855. [NHP-BC]
 +NOV 27 2200 – RNE news //684; WEZE slop. [MC*Y-MA]
 +AUG 24 0100 – ID "Radio Nacional de Espana, servicios informativos"; fair in slop. [MC*Y-MA]
 +MAR 27 0500 – 5+1 pips, RNE news intro; fair through VOXM splash (WEZE off air). {A} [Connelly*Y-MA]
- t **TUNISIA** RTT Radio Nationale, Gafsa, JAN 17 2200 – Arabic music; dominant over Spain; bad WEZE/VOXM slop. [MC*Y-MA]
- 603 **ROMANIA** Radio România Actualitati, Botosani/Oradea. OCT 20 2200 – Hora exacta mention; pips; poor, mixed with RNE Spain.
 +NOV 4 2100 – Man "Radio Romania Actualitati, hora exacta"; poor. [MC*Y-MA]
SPAIN RNE5 synchros. SEP 29 2300 – RNE news intro; poor, some slop from WFST. [Connelly*Y-MA]
 +OCT 17 2200 – RNE news; poor
 +OCT 21 2300 – RNE news intro; slightly over probable Romania. [MC*Y-MA]
 +DEC 29 2200 – Male vocal and folk guitar, 5+1 pips with synchro echo, time check including Canarias mention, fanfare music, man "veinte cuatro horas en Radio Nacional de Espana"; fair. {A} [Connelly*Y-MA]
 +FEB 4 0300 – 5+1 pips, fanfare music, ID "Radio Nacional de Espana, servicios informativos"; fair peak. {A} [MC*Y-MA]
 +MAR 6 2300 – RNE intro; poor. Romania under. [MC*Y-MA]
- 612 **MOROCCO** SNRT Al-Idaa al-Watania, Sebaa-Aiouan. NOV 27 2201 – Emotional male Arabic vocal; fair. {A} [MC*Y-MA]
 +FEB 4 2159 – Female Arabic vocal //936; fair. First 14 seconds of audio clip is 612, remainder is 936. {A} [MC*Y-MA]
 +FEB 16 0401 – Arabic vocal and strings.

- +MAR 6 2301 – Arabic talk by man, string music; fair. [MC*Y-MA]
 +APR 30 0100 – Rhythmic music, Arabic talk by man; poor to fair. {A} [MC-MA]
 +JUN 19 0053 – Arabic talk by man; through static. [Connelly-MA]
- 621 **CANARY ISLANDS//SPAIN** RNE1 synchros. OCT 13 2200 – 5+1 pips, fanfare music, ID "Radio Nacional de Espana, servicios informativos"; fair on USB.
 {A}
 +OCT 20 2200 – RNE intro; WZON slop.
 +OCT 20 2259 – //639 with Daft Punk "Get Lucky"; fair.
 +OCT 21 2200 – RNE news intro; poor to fair. [MC*Y-MA]
 +DEC 15 2200 – Pips, Radio Nacional de Espana news intro; good. {A} [MC*Y-MA]
 +MAR 17 2300 – Pop vocal, 5+1 pips, time check by woman, fanfare music, man "Radio Nacional de España, servicios informativos", news by woman;
 good, best TA at time. {A} [MC*Y-MA]
 +AUG 24 0000 – Radio Nacional de Espana ID; poor in WZON slop. [MC*Y-MA]
- 630 **PORTUGAL** RDP Antena 1, Montemor-o Velho//Miranda do Douro. OCT 27 0500 – Portugal low-pitch pips; in jumble with WPRO, Latin Americans.
 [MC*Y-MA]
- t **TUNISIA** RTT Radio Nationale, Tunis/Djedeida. OCT 16 2200 – Arabic chanting; briefly over pile. {A} [MC*Y-MA]
 t +MAR 31 0059 – Arabic chanting; under presumed WUNO during brief spell of dead air on WPRO. {A} [Connelly*Y-MA]
- 639 **CZECH REPUBLIC** Český Rozhlas synchros. OCT 31 0445 – Poor to fair with female ballad, definitely // with the Český Rozhlas Dvojka webstream, very
 little delay. [NHP-BC]
CZECHIA CRo Dvojka, Praha/Liblice. NOV 4 2200 – Czech talk by man; over Spain. {A} [MC*Y-MA]
 +DEC 31 2100 – Slavic talk by man, Dvojka mention; over Spain. {A} [Connelly*Y-MA]
 +JAN 4 2200 – Man with Slavic talk; over RNE Spain. {A} [MC*Y-MA]
 +APR 1 0400 – Pips, Slavic news by woman; a bit over Spain. {A} [Connelly*Y-MA]
SPAIN RNE1, La Coruña et al. OCT 17 0400 – 5+1 pips, fanfare music, RNE news intro; fair on LSB to dodge CBN. {A}
 +OCT 20 2201 – Woman with RNE news; to good peak, almost equal adjacent 640 CBN.
 +OCT 20 2259 – Daft Punk "Get Lucky" //huge 855; good.
 +OCT 21 2200 – RNE intro fanfare, news; fair.
 +OCT 27 0459 – Rock //855. [MC*Y-MA]
 +MAR 6 2300 – RNE intro; poor, on LSB to dodge CBN. [MC*Y-MA]
 +APR 1 0400 – RNE news intro, a bit behind the Czech. {A} [Connelly*Y-MA]
 +MAY 10 0300 – 5+1 pips, time check, intro music, man "Radio Nacional de Espana, servicios informativos"; fair. {A} [MC-MA]
- 657 **SPAIN** RNE5, Madrid/Majadah. OCT 20 2200 – RNE news intro, other under. [MC*Y-MA]
 +JAN 3 2200 – RNE news intro, woman in Spanish with news; to fair peak over something else. [MC*Y-MA]
 +MAY 10 0300 – pips, RNE news intro; poor to fair. {A} [MC-MA]
 +AUG 24 0001 – Spanish news by man; to fair peak. [MC*Y-MA]
- 684 **SPAIN** RNE1, Sevilla. SEP 29 0300 – Mexican ranchera vocal, 5+1 pips, RNE news intro; to good peak over WRKO slop. [Connelly*Y-MA]
 +NOV 27 2200 – RNE news intro; fair in WRKO slop. [MC*Y-MA]
 +OCT 20 2201 – News //639; to good peak over WRKO slop. [MC*Y-MA]
 +FEB 24 0500 – 5+1 pips, time check by man, fanfare music, Radio Nacional de España ID; fair over WRKO splash. {A}
 +MAR 6 2301 – RNE news by woman in Spanish; through 680 WRKO slop. [MC*Y-MA]
 +FEB 24 0500 – 5+1 pips, time check by man, fanfare music, Radio Nacional de España ID; fair over WRKO splash. {A}
 +MAR 6 2301 – RNE news by woman in Spanish; through 680 WRKO slop. [MC*Y-MA]
 +MAR 24 0400 – 5+1 pips, RNE news intro; fair through WRKO slop. {A} [Connelly*Y-MA]
- 693 **UNITED KINGDOM** BBC Radio 5, Droitwich et al. SEP 29 0300 – Five Live news; hollow/synchro-echoey, Spain under. [Connelly*Y-MA]
 +OCT 20 2300 – BBC Five Live ID, news about EU vote in the Hague; fair.
 +OCT 21 2200 – BBC mention in news; poor.
 +OCT 23 2200 – BBC Five Live ID, news about Brexit-related march of 700000 people in London; fair. {A} [MC*Y-MA]
 +OCT 31 0427 – Poor to fair with a man talking //909 which fortunately was also delivering weak audio at the time. With the evil CBU-690 splatter mostly
 ruling the channel, there's usually not a chance for this, as CBU is within 25 degrees of the desired DX. CBU drew breath for a few seconds, and R Five
 Live punched through (well, a bit). [NHP-BC]
 +NOV 4 2200 – "This is BBC Five Live", 10 o'clock time check, item about murder in south east London; fair. {A}
 +NOV 24 0340 – bits of audio possibly //909. Peaked at 0403 w/news in British-accented English. [BP-WA]
 +DEC 1 0233 – British-accented mumbling //909. [BP-WA]
 +DEC 15 2100 – Football mention, BBC Five Live ID, news about girl killed in house fire; fair, // stronger 909. {A} [MC*Y-MA]
 +JAN 3 2200 – Woman with BBC Radio Five Live mention, news by man; synchro echo. Spain under. [MC*Y-MA]
 +FEB 15 2300 – Five Live talk; echoey, noisy.
 +MAR 6 2300 – ID "This is BBC Five Live"; poor [MC*Y-MA]
 +MAR 27 0100 – Dramatic intro music, BBC Five Live ID; somewhat noisy. {A}
 +APR 1 0400 – BBC Five Live ID; fair. {A} [Connelly*Y-MA]
- 697 **UnID** NOV 27 0126 – traces of male talk. [BP-WA]
- 702 **UnID** DEC 25 0034. Poor with an old man carrying on (an interview?), some sort of stringed instrument like a guitar at 0055, and then male chanting
 (Koranic?)0101. The same program was heard on SDRs in Ukraine and Russia, but not in Sardinia, so strongly suspect this was Iran external service
 rather than Algeria. However, Mauno Ritola said Iran had an anthem at 0100 which I didn't hear at 0101, so this remains a mystery. [NHP-BC]
 +DEC 28 0156 – carrier sometimes with audio, but badly pummeled by KIRO splash. [BP-WA]
 +JAN 3 2200 – Chanting; poor. Algeria likely. [MC*Y-MA]
- 711 **UnID** OCT 20 2300 – Bits of reverberated chanting; in WOR/Cuba slop. [MC*Y-MA]
- 720 **CANARY ISLANDS** RNE5, Finca Espana. DEC 9 2200 – 5+1 pips, RNE news intro; poor. {A} [MC*Y-MA]
 +FEB 7 2300 – RNE news intro; poor.
 +MAR 17 2300 – News intro // much louder 621. [MC*Y-MA]
- 738 **SPAIN** RNE1, Barcelona. OCT 13 2200 – //621 with pips, RNE fanfare/news intro; fair.
 +OCT 18 2200 – "Radio Nacional de Espana, servicios informativos"; fair. [MC*Y-MA]
 +OCT 21 2200 – RNE news; to good peak. [MC*Y-MA]
 +JAN 3 2201 – Fast Spanish talk, possibly sport related. More slop from 730 CKAC than 740 CHCM/CFZM. [MC*Y-MA]
 +AUG 24 0000 – Pips, fanfare music, RNE ID; poor in CHCM splatter. [MC*Y-MA]
- 747 **CANARY ISLANDS//SPAIN** RNE5 synchros. SEP 29 0300 – Pips, RNE intro //684; poor. [Connelly*Y-MA]
 +OCT 20 2200 – 5+1 pips, RNE intro "servicios informativos"; fair.
 +OCT 20 2259 – //639 with Daft Punk "Get Lucky"; poor to fair.
 +OCT 23 2200 – RNE intro, woman with news; fair. [MC*Y-MA]
 +DEC 9 2100 – 5+1 pips, time check, fanfare, "Radio Nacional de Espana, servicios informativos"; fair. {A}
 +DEC 15 2100 – 5+1 pips, Radio Nacional de Espana news intro; to good peak. {A} [MC*Y-MA]
 +JAN 3 2200 – End of "Dark Side of the Moon" (Pink Floyd), 5+1 pips, time check, fanfare music, "Radio Nacional de Espana, servicios informativos" ID at
 start of news; good. [<https://app.box.com/s/i9nxew6yv4dnxqp7r9aqatyt2645pgb>] [MC*Y-MA]
 +FEB 15 2300 – RNE news intro; poor. [MC*Y-MA]
- 756 **ROMANIA** SRR Radio România Actualitati, Lugoj/Boldur, NOV 4 2100 – Man "Aici Bucuresti, Radio Romania Actualitati, hora exacta"; to fair peak.
 [MC*Y-MA]
- 774 **EGYPT** ERTU Al-Sharq al-Awsat, Abis. OCT 20 2200 – Dominant with dramatic fanfare, man in Arabic; over Spain; near nominal frequency at the time.
 +OCT 21 2200 – Arabic male vocal, 4+1 pips (last higher pitch) about 30 sec. after Spain's pips which were audible under, on channel at time (no offset
 growl). {A}

- +OCT 26 0300 – Reverberated Koranic vocal; good, dominant. [MC*Y-MA]
 DEC 23 2100 – Shrill female vocal, 4+1 pips (last higher pitch) a bit after Spain's pips, Salaam Aleikum in talk; fair, mostly over Spain. {A} [Connelly*Y-MA]
- t **SPAIN** RNE1 synchros. OCT 7 0403 – poor, with brief talk from a man and woman, RNE seems best guess at this time. [NHP-BC]
 +OCT 9 2300 – 5+1 pips, time "es la una, medianoche en Canarias", fanfare music, ID "Radio Nacional de Espana, servicios informativos"; {A}
 +OCT 18 2200 – RNE news; dominant. [MC*Y-MA]
 +NOV 27 2200 – Echoey RNE news; poor to fair. [MC*Y-MA]
 +DEC 29 2100 – Rustic male vocal, 5+1 pips, time check by woman, fanfare music, man "Radio Nacional de Espana, servicios informativos", "buenas noches" at start of news by woman; good. {A} [Connelly*Y-MA]
 +JAN 3 2201 – Excited Spanish talk (sports related) including Radio Nacional de Espana ID, mentions of teams including Manchester City; good, over growl from Egypt (~774.25). (<https://app.box.com/s/k1kmpesh1l9eg79rrof16hvmoa0p9eaq>) [MC*Y-MA]
 +FEB 17 2300 – Song with whistling, RNE news; het Egypt 774.235. [MC*Y-MA]
 +AUG 24 0000 – News //738; fair over Egypt 774.25 growl. [MC*Y-MA]
- 774.25 **EGYPT** ERTU, Abis. SEP 29 0300 – Bits of Arabic vocal; poor on USB to dodge 774 Spain. [Connelly*Y-MA]
- 783 **SYRIA** SRTV 1, Damascus, OCT 1 2300 – Woman and man in Arabic; fair. {A} [Connelly*Y-MA]
 +OCT 19 0300 – Arabic male vocal, military march/anthem; to good peak. {A}
 +OCT 21 2200 – Arabic vocal and orchestra through top of hour; fair. [MC*Y-MA]
 +NOV 27 2200 – Woman in Arabic, soft music; poor. [MC*Y-MA]
 +MAR 6 2300 – Arabic news; to fair peak.
 +MAR 11 0301 – Interspersed Arabic talk and music. [MC*Y-MA]
- 792 **SPAIN** SER Radio Sevilla, Sevilla. DEC 29 2200 – Piano and orchestral music, 4+1 pips, man in Spanish, music, man with Cadena SER net ID, news; to good peak. {A} [Connelly*Y-MA]
- 801 **SPAIN** RNE1 synchros. OCT 20 2259 – //639 with Daft Punk "Get Lucky"; poor on USB. [MC*Y-MA]
- 810 **MACEDONIA** Makedonsko Radio 1, Ovce Pole. DEC 16 2030 – Slavic talk; poor but dominant. Thanks to Jari Savolainen and Alessandro Groppazzi (RealDX) for ID help. {A} [MC*Y-MA]
SCOTLAND BBC Radio Scotland. NOV 30 0300 – Carrying BBC Five Live at the time; slightly over WGY, others. {A} [MC*Y-MA]
 +OCT 20 2300 – Woman with BBC news; briefly over faded WGY.
 +NOV 1 2300 – BBC Radio Scotland ID by woman; over WGY. {A} [MC*Y-MA]
 +JAN 3 2200 – BBC Radio Scotland ID, 10 o'clock time check, news about US government shutdown; to good peak, alone on channel. (<https://app.box.com/s/awz9mnj3sbrfch15knprd5nnedv7yn62>) [MC*Y-MA]
 +FEB 13 2300 – BBC Radio Scotland ID, attention music, news; mixed with WGY. [MC*Y-MA]
- 819 **EGYPT** ERTU, Santah. OCT 20 2300 – Group Arabic vocal; poor to fair on LSB. [MC*Y-MA]
- 828 **SOUTH AFRICA** Magic 828, Klipheuwel/Blaauw Blomme Kloof Farm. APR 28 0355 – R&B group male vocal //web; poor. Web audio is inserted seconds 39 to 58 of audio clip. Thanks to Bill Whitacre and Neil Kazaross on RealDX forum for recording review. {A} [MC-MA]
- 837 **CANARY ISLANDS/SPAIN** COPE synchros. JUL 19 0100 – Cadena COPE and Canarias mentions, pips, fanfare music; fair. [MC*Y-MA]
SPAIN COPE synchros. OCT 21 2301 – Discussion involving two or three men; fair. [MC*Y-MA]
 +NOV 27 2200 – 5+1 pips, fanfare music, "COPE, estar informando"; fair. [MC*Y-MA]
 +APR 6 2300 – Two men with fast news in Spanish; fair. [MC*Y-MA]
 +AUG 24 0000 – Pop vocal, 5+1 pips, news in Spanish; fair to good. [MC*Y-MA]
- 855 **ROMANIA** Radio România Actualitati, Tancabesti. OCT 19 0300 – "Radio Romania Actualitati, hora exacta"; slightly over Spain, low rumble. [MC*Y-MA]
 +NOV 30 0130 – Fair with a complex violin solo being played, and man talking, sort of Latinate sounding, but not really Spanish. Started to wonder about what I had thought was RNE reception, then finally nailed at 0332 with pop vocals at fair level and //1179 which was barely there, but enough for a parallel. [NHP-BC]
 +DEC 7 0256 – Fair to poor with definite Romanian national anthem heard. [NHP-BC]
 +MAR 6 2300 – Man "Aici Bucuresti, Radio Romania Actualitati, hora exacta", pips; over RNE Spain. {A} [MC*Y-MA]
- 855t **SPAIN** RNE1, Murcia et al. OCT 7 0406 – poor, with a man in possible Spanish at 0406, also briefly... of course 774 was long gone by then. [NHP-BC]
 +OCT 19 0533 – good with readable Spanish by two women, http://www3.telus.net/public/shallpat/4all/855_20181019_053348b.wav RNE, delayed about 45 seconds on their webstream. This seemed to have better modulation than the various tentative UK stations, which didn't deliver much for quite strong carriers during the same opening. [NHP-BC]
 +OCT 20 2200 – Spanish news mentioning killing of journalist in Istanbul; loud.
 +OCT 21 2200 – RNE intro, news; fair.
 +OCT 21 2300 – 5+1 pips, fanfare music, ID "Radio Nacional de Espana, servicios informativos"; fair to good. {A} [MC*Y-MA]
 +OCT 24 0311. Poor w/man possibly in Spanish. IDed later with parallels 585 and 576. [NHP-BC]
 +NOV 24 0323-4 – Fair to good with woman talking Spanish to another woman on the phone; IDed later //1107. Also likely the one NOV 21 0149, fair with woman in definite Spanish talk, but didn't get an ID at this time. [NHP-BC]
- t +NOV 28 0629 – Fair to good with definite Spanish by man; 2 and 1 pips at 0630. [NHP-BC]
 +DEC 17 2100 – "Imagine" by John Lennon, pips, Radio Nacional de Espana news intro; good. {A} [MC*Y-MA]
 +JAN 4 2200 – Choral music, 5+1 pips, time, fanfare, Radio Nacional de Espana ID; loud. {A} [MC*Y-MA]
 +FEB 15 2300 – 5+1 pips, RNE intro; fair.
 +MAR 5 2300 – 1950s bebop style jazz, man in Spanish, pips, RNE news intro; good peak.
 +MAR 9 2200 – RNE intro; dominant.
 +MAR 12 2300 – Xylophone jazz, 5+1 pips, time check by woman, fanfare music, man "Radio Nacional de España, servicios informativos", news by woman started with "buenas noches"; good. {A}
 +MAR 17 2300 – News //621; good. [MC*Y-MA]
 +APR 26 0000 – 5+1 pips, time check, intro fanfare, man "Radio Nacional de Espana, servicios informativos"; fair. {A} [MC-MA]
 +MAY 23 0100 – RNE news intro. [MC-MA]
 +JUN 19 0057 – Woman and man in Spanish; some 850 WEEI slop. [Connelly-MA]
 +JUL 19 0059 – Man in Spanish, Enya or similar vocal, to fair peak. [MC*Y-MA]
 +AUG 24 0000 – //774 with slow male vocal, pips, RNE news intro; to good peak. [MC*Y-MA]
- UnID DEC 28 0159 – music, 0200 pips if any were greatly subdued, then man with what sounded like news. Fair at times but couldn't recognize the language. 0215 pop or light jazz vocal with piano accompaniment good at times. Spain the most likely suspect, but Romania also possible. [BP-WA]
- 864 **EGYPT** Holy Koran Program, Santah. SEP 28 2300 – Reverberated talk then chant; to good peak. {A} [Connelly*Y-MA]
 +OCT 21 0000 – Koran; fair. [MC*Y-MA]
 +OCT 24 0344 – Poor with Quranic chanting, best at this time, likely this. [NHP-BC]
 +NOV 30 0235 – Fair to good many times during the evening, with either Koran recitations or a sort of long-syllabled speech by man. IDed for sure with //1503 at 0128UT. [MC*Y-MA]
 +NOV 30 0248 – Koranic recitations fair-poor. [BP-WA]
 +NOV 30 0300 – Man in Arabic with apparent preaching, 4+1 pips (last higher pitch) about 48 seconds late, talk, vocal; fair. {A} [MC*Y-MA]
 +DEC 1 0227 – strong and clear Koran recitation. [NHP-BC]
 +DEC 1 0235 – fair at times with Koranic recitations. [BP-WA]
 +NOV 30 0054 – Excellent with Russian sounding talk by man. Had faded a bit by 0100, but easily heard a couple of Radio Svoboda IDs then. [NHP-BC]
 +DEC 23 0350 – Good with Koran recitation, enough strength to start subduing domestic splatter. [NHP-BC]
- t +DEC 28 0205 – Male talk sounded Arabic, 0225 Koranic recitations presumed Egypt. [BP-WA]
 +MAR 12 2301 – Koranic vocal, reverberated talk by man; fair. {A}
 +MAR 17 2300 – Koran; fair. [MC*Y-MA]
 +MAR 31 0059 – Man in Arabic, then Koranic vocal; good. {A} [Connelly*Y-MA]
 +APR 26 0001 – Koranic vocal; fair. {A} [MC-MA]
SPAIN RNE Radio Nacional Cast. La Mancha, Socuéllamos. AUG 24 0100 – RNE news intro; dominant. [MC*Y-MA]

- 882t **UNITED KINGDOM** BBC Radio Wales, Washford et al. OCT 7 0325 – fair, with woman in definite English. Best signal of the opening. [NHP-BC]
 +OCT 21 2159 – Muffled English talk by man; WCBS slop.
 +OCT 21 2301 – End of pop song, BBC mentions; fair.
 +OCT 25 2200 – "Magic" by Pilot (1975), man in English; fair. [MC*Y-MA]
 +DEC 15 2100 – Celtic female vocal; good. [MC*Y-MA]
 +APR 1 0401 – BBC Radio Wales ID; fair. {A} [Connelly*Y-MA]
UnID NOV 3 0230 – some music detectable, presumably the 100+ kW BBC Wales synchros. [GH-OK]
- 900 **ITALY** RAI Radio 1, Milano/Siziano. DEC 15 2100 – Per Alessandro Groppazzi of Italy, via RealDX, "Italian for sure even if with so bad audio ... it sounds like a radioplay." {A} [MC*Y-MA]
- 909 **UNITED KINGDOM** BBC Radio 5 Live synchros. OCT 31 0427 – Poor with man talking, and enough to establish parallel to 693. [NHP-BC]
 +OCT 20 2300 – Attention music, man "The best news, the best live sport, this is BBC Five Live", woman with news about 700000 person march relating to the Brexit deal; to good peak. {A}
 +OCT 21 0000 – BBC Five Live ID; to good peak.
 +OCT 21 2200 – Woman then man with Five Live news; WABK slop.
 +OCT 21 2300 – Talk about Khashoggi being killed at Saudi embassy in Turkey; over WABK slop. [MC*Y-MA]
 +NOV 24 0209 and 0212 – Poor with woman talking, English intonation, much splatter from 910. [NHP-BC]
 +DEC 9 2100 – Dramatic intro music, man "The best in news, the best in live sport, this is BBC Five Live"; to good peak. {A}
 +DEC 15 2100 – //693 with BBC Five Live ID, 9 o'clock time check, news about girl killed in house fire; to good peak. Pips (6 equal length) under, presumably from Romania. {A} [MC*Y-MA]
 +DEC 29 2200 – Man "This is BBC Five Live", news about bus accident near Scottish border; fair over slop. {A} [Connelly*Y-MA]
 +JAN 3 2200 – Five Live Sport talk, BBC Radio Five Live ID, news including US government shutdown; good.
<https://app.box.com/s/7lj9tmriczoaxikp2p3x5vx075u7qs33> [MC*Y-MA]
 +MAR 5 2300 – Man "Live Premier League football, BBC Five Live"; to good peak over tough 910 WTOS ME slop.
 +MAR 6 2300 – BBC Five Live ID, news; tough slop from AC/DC song on WTOS.
 +MAR 12 2300 – Dramatic intro music, man "Live Premier League football, this is BBC Five Live"; fair. {A} [MC*Y-MA]
 +AUG 24 0100 – BBC Five Live news; in WABK slop. [MC*Y-MA]
- 936 **MOROCCO** SNRT, Agadir. OCT 11 0400 – Group Arabic vocal and orchestra; fair through slop. {A}
 +OCT 18 2201 – Male vocal and mandolin or similar; loud. {A}
 +OCT 21 2300 – Koran; good.
 +OCT 23 2201 – Energetic vocal, woman in Arabic, fanfare music, talk by man; to good peak. {A} [MC*Y-MA]
 +FEB 4 2159 – Female Arabic vocal //612; fair. First 14 seconds of audio clip is 612, remainder is 936. {A} [MC*Y-MA]
 +MAR 12 2300 – Flute music, fanfare, man in Arabic; fair. {A} [MC*Y-MA]
 +JUN 15 0100 – Arabic pop vocal; fair. [Connelly-MA]
 +Agadir. AUG 24 0100 – Likely this with Arabic vocal, strings across top of hour. [MC*Y-MA]
SPAIN RNE5 synchros. DEC 15 2100 – //1107 with Khachaturian "Sabre Dance", 5+1 pips, RNE news; in jumble with two others (Morocco, Iran?). [MC*Y-MA]
 +JAN 4 2200 – //855 with music, pips, RNE news intro; dominant. {A} [MC*Y-MA]
UnID DEC 28 0155 – weak male talk. [BP-WA]
- 954 **SPAIN** Onda Cero, Madrid. OCT 8 2300 – Spanish talk, no sign of Turk. [MC*Y-MA]
 +NOV 27 2200 – 5+1 pips, two men in Spanish; to fair peak. [MC*Y-MA]
 +FEB 24 0500 – Tropical vocal, 5+1 pips, talk by woman, fanfare music, man "Noticias Onda Cero", woman "buenas dias" into news; fair. {A} [MC*Y-MA]
 +APR 17 0000 – Woman with news in Spanish; to fair peak. [Connelly*Y-MA]
 +JUL 19 0100 – Man with news in Spanish; fair through WROL slop. [MC*Y-MA]
 +AUG 24 0100 – Pips, woman in Spanish; in WROL slop. [MC*Y-MA]
TURKEY TRT 1 Radyo Bir, Trabzon-Deliktas. OCT 31 0307 – Poor with musical interlude, man talking, enough to parallel up with their webstream, Haven't heard Turkey since 1980 maybe, when 1017 was a master blaster. [NHP-BC]
- 981 **ALGERIA** Chaîne 2, Ouled Fayet. OCT 16 2200 – French news by woman; fair.
 +OCT 23 2200 – Woman in French; through slop, static crashes. [MC*Y-MA]
 +DEC 9 2100 – Modern Arabic vocal, 5+1 pips (last higher pitch), news by man and woman; to good peak. {A} [MC*Y-MA]
 +MAR 12 2300 – 5+1 pips (last higher pitch), news by man in apparent Arabic; fair. {A} [MC*Y-MA]
 +MAY 23 0100 – Pips with last a higher pitch, male vocal, then talk by woman. [MC-MA]
- 990 **SPAIN** SER synchros. DEC 9 2100 – Over CBY with sports shouting //1080. 990 is first 7 seconds of audio clip, 1080 follows. {A} [MC*Y-MA]
- 999 **SPAIN** COPE, Madrid. OCT 18 2200 – Man and woman with Spanish news, interview; fair.
 +OCT 21 2300 – 5+1 pips, news by man in Spanish; fair.
 +OCT 26 0300 – Man in Spanish, 5+1 pips, fanfare music, news; fair. [MC*Y-MA]
 +NOV 21 0200 – Poor with trumpet music and (I thought) one low plus one high pip on the hour, and a bit more music after the hour. Verified by recording the same music sequence NOV 22 0200 on 1296 on the KiwiSDR in Alicante, and 1296 was parallel also with 999, so definitely COPE. At 50 kw, a pretty nice catch way out here. [NHP-BC]
 +NOV 9 2200 – Pips, "COPE, estar informando"; fair. {A}
 +NOV 27 2200 – Attention music, COPE ID; fair to good. {A} [MC*Y-MA]
 +DEC 31 2200 – 5+1 pips, COPE ID in talk by man and woman; fair over IBOC hash. {A} [Connelly*Y-MA]
 +JAN 4 2200 – 5+1 pips, COPE net ID at start of newscast; fair. {A} [MC*Y-MA]
 +MAR 12 2300 – Man with COPE mention, woman "estar informado"; fair on USB to dodge WINS IBOC, negligible activity on 1000 luckily. {A} [MC*Y-MA]
 +AUG 24 0102 – News by woman in Spanish; briefly over bad WINS IBOC hash. [MC*Y-MA]
- 1017 **SPAIN** RNE5, Burgos//Granada. OCT 18 2200 – RNE news intro; to fair peak.
 +OCT 21 2200 – "Radio Nacional de Espana, servicios informativos"; fair. [MC*Y-MA]
 +DEC 22 2200 – Vocal, 5+1 pips, fanfare music, man "veinte cuatro horas en Radio Nacional de Espana"; fair. {A} [Connelly*Y-MA]
 +AUG 24 0000 – //855 with fanfare, RNE news intro; fair. [MC*Y-MA]
- 1026 **IRAN** Radio Tabriz, Azarshahr. OCT 31 0237 – Poor at best, but nice sequence of orchestral music, then woman talking parallel to webstream <http://tabriz.irib.ir/liveradio> with 25 second delay. Only third time that Iran has been heard here at home. Only others were 1503, no longer with us, and the 1575 jammer, which hardly qualifies. [NHP-BC]
 +DEC 28 0230 – Middle Eastern male vocal across BoH possibly Koranic recitation, presumably Iran since that's what everyone else has heard here. [BP-WA]
- 1044 **SPAIN** SER, San Sebastian//Valladolid. SEP 29 0301 – Spanish news by two men; fair. [Connelly*Y-MA]
 +OCT 11 0400 – 5+1 pips, talk by woman, lengthy intro/fanfare music, man with "en la cadena SER" ID; good. {A}
 +OCT 17 0400 – Woman "en la cadena SER", 5+1 pips, fanfare/news intro; good. {A} [MC*Y-MA]
 +OCT 21 0353 – talk sounds Spanish: there are two SER stations in SPAIN, but only 10 and 5 kW; presumably the 300 kW Morocco is still inactive. In fact I am getting two carriers beating, as in MW offsets about 8 Hz apart. [GH-OK]
 +DEC 15 2100 – Excited Spanish talk by two men, 5+1 pips; loud. {A} [MC*Y-MA]
 +DEC 19 0500 – Elaborate fanfare/attention music, "en la cadena SER" ID; good. {A}
 +DEC 31 2201 – Vocal of "Sleigh Ride", fast Spanish talk by two guys in studio partying it up; loud. {A} [Connelly*Y-MA]
 +FEB 17 2301 – Two men in discussion; good. [MC*Y-MA]
 +MAR 24 2300 – Fast Spanish talk by man; fair. {A} [Connelly*Y-MA]
 +MAY 10 0300 – Rhythmic music, 5+1 pips, news by woman in Spanish; good. {A} [MC-MA]
 +JUN 20 0300 – Spanish news; to fair peak. [Connelly-MA]
 +JUL 19 0100 – Teletalk, Cadena SER ID; good. [MC*Y-MA]
 +AUG 24 0000 – Orchestral music, 5+1 pips, "Cadena SER, servicios informativos"; good. [MC*Y-MA]

- 1053 **LIBYA** Libyan Jamahiriya/Radio Libya, Tripoli. SEP 29 0300 – Anthem, fanfare music, man in Arabic; in WEPN slop. [Connelly*Y-MA]
ROMANIA SRR Radio Iasi, Iasi/Letcani. OCT 20 0359 – Radio Iasi mention in talk by man; briefly over WEPN slop. Thanks to Mauricio Molano (RealDX) for ID help. {A} [MC*Y-MA]
+NOV 27 0350 – Fair with 1kHz test tone from 0350, then choral anthem 0356-8. Was verified by listening at the same time the following evening to the same tone and anthem on <http://www.radioiasi.ro/asculta-live/>. [NHP-BC]
- 1053 **UNITED KINGDOM** TalkSport synchros. OCT 17 2200 – TalkSport chat; in slop.
+OCT 21 2300 – //1089 with news by woman; poor in mix with others. [MC*Y-MA]
+JAN 4 2201 – "Match Day live on TalkSport" mention //1089; popping through during brief fade of WEPN slop. [MC*Y-MA]
- 1080 **SPAIN** SER synchros. DEC 9 2100 – Over WTIC with sports shouting //990. 990 is first 7 seconds of audio clip, 1080 follows. {A} [MC*Y-MA]
+AUG 24 0000 – At about 0000:20 WTIC's carrier cut for two seconds revealing two stations in Spanish, one with news by woman //1044 (so SER net), other news by man (UnID, possibly Cuba). [MC*Y-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros. SEP 29 0301 – Sports teletalk; fair. [Connelly*Y-MA]
+OCT 17 2201 – Dating website advert; to good peak.
+OCT 19 0153 – poor in splash, man with a few words recognizable as English English, but also noted with similar talk at 0532, 0555 and 0636-7, though at times, "near imaginary" in the splash. [NHP-BC]
+OCT 21 2201 – Woman mentioned Brexit; fair. [MC*Y-MA]
- t +OCT 24 0309 – Poor with man talking English? Noted other times also. [NHP-BC]
+OCT 27 0122 – Signal frequently peaked to fair readable level throughout the evening. Was able to catch ID of program as Extra Time. [MB-TX]
+NOV 30 2200 – Advert for pay-to-view boxing event on TV, ID "on digital radio and 1089 and 1053 AM, TalkSport"; good. {A} [MC*Y-MA]
+JAN 3 2200 – TalkSport drive time show promo; to good peak but echoey. {<https://app.box.com/s/tsgwaod69wei9gng21jktuanhoyov6>}
+JAN 4 2201 – "Match Day Live on TalkSport" promo; good. {A} [MC*Y-MA]
+MAR 9 2200 – Sports commentary, advert with "goal"; fair over WILD slop.
+MAR 11 0300 – End of interview then promo for "The Perfect Line-Up" hosted by Alan Brazil; to good peak. {A} [MC*Y-MA]
+APR 8 0300 – TalkSport ID; fair. {A}
+APR 18 0300 – Promo for Jim White morning show on TalkSport; to good peak over splatter. {A} [Connelly*Y-MA]
+JUN 5 0301 – TalkSport discussion; poor to fair. [Connelly-MA]
+AUG 24 0059 – Adverts; echoey, poor in slop. [MC*Y-MA]
- 1098 **SPAIN** RNE5 synchros. OCT 8 2300 – Spanish talk; no sign of Golmud, China being heard in midwest and east lately.
+OCT 21 2159 – Rock music //1107; poor. [MC*Y-MA]
+NOV 27 2200 – RNE news intro; fair. [MC*Y-MA]
+DEC 23 2200 – 5+1 pips, time check by woman including Canarias mention, fanfare music, man "veinte cuatro horas en Radio Nacional de Espana"; fair. {A} [Connelly*Y-MA]
+JAN 4 2200 – RNE intro; through presumed WHL oldies slop. [MC*Y-MA]
+AUG 24 0000 – //1107 with slow vocal, pips, RNE news; poor. [MC*Y-MA]
- t **IRAN** IRIB World Service, Zabol. DEC 24 1530. Fair with piano music, man talking slowly, 3 ascending chimes typical for Iran domestics; completely unexpected, to say the least, especially in the morning. WRTH has no external listing for this time, so relaying a domestic service? [NHP-BC]
- 1107 **SPAIN** RNE5 synchros. SEP 29 0300 – Ranchera style vocal, 5+1 pips, fanfare, ID "Radio Nacional de Espana, servicios informativos"; loud. {A} [Connelly*Y-MA]
+OCT 8 2300 – 5+1 pips, time "es la una, medianoche en Canarias", fanfare music, ID "Radio Nacional de Espana, servicios informativos", news about politics; to good peak. {A}
+OCT 19 0300 – RNE news intro; good.
+OCT 21 2159 – Rock vocal //1098; fair.
t +OCT 24 0340 – Poor, but almost certain that man on this channel was talking Spanish, pretty rapidly, with news sounders. Possibly RNE5?. [NHP-BC]
+OCT 26 0300 – Classical music, 5+1 pips, RNE news intro; fair. [MC*Y-MA]
+NOV 24 0539 – Poor with woman talking, rough copy but //855. The two networks are parallel overnight. [NHP-BC]
+DEC 9 2100 – End of vocal, 5+1 pips, time check, fanfare, Radio Nacional de Espana ID; good. {A} [MC*Y-MA]
+JAN 4 2100 – Female vocal, 5+1 pips, time, fanfare, Radio Nacional de Espana ID; good peak. {A} [MC*Y-MA]
+FEB 15 2300 – RNE intro; fair.
+FEB 17 2300 – 5+1 pips, time check by woman, fanfare music, man "Radio Nacional de España, servicios informativos", news by woman; to good peak, slight synchro echo. {A} [MC*Y-MA]
+APR 26 0300 – Jazz, 5+1 pips, time check, intro fanfare, man "Radio Nacional de Espana, servicios informativos"; good. {A} [MC-MA]
+MAY 23 0100 – RNE news intro; echoey. [MC-MA]
+AUG 24 0000 – //1098 with slow vocal, pips, RNE news; to fair peak. [MC*Y-MA]
- 1125 **SPAIN** RNE5 synchros. OCT 18 2200 – Piano music, 5+1 pips, fanfare music, ID "Radio Nacional de Espana, servicios informativos"; fair, somewhat echoey. {A} [MC*Y-MA]
+DEC 16 2030 – Emotional male vocal, 5+1 pips on half hour; fair. {A} [MC*Y-MA]
+JAN 4 2200 – //855 with choral music, 5+1 pips, time, fanfare, Radio Nacional de Espana ID; fair. {A} [MC*Y-MA]
+JAN 24 0100 – RNE news intro through WBBR slop. [MC*Y-MA]
- 1134 **KUWAIT** Radio Kuwait, Kabd, MAR 11 0300 – Koran; to fair peak. [MC*Y-MA]
SPAIN COPE synchros. OCT 20 2200 – Man in Spanish; over something else. [MC*Y-MA]
- 1152 **ROMANIA** Radio Romania Actualitati, Cluj. OCT 24 0355 – Poor with pop music //webstream. [NHP-BC]
+NOV 7 2200 – Pop music, ID "Aici Bucuresti, Radio Romania Actualitati, hora exacta", 6 pips, news; fair to good. {A} [MC*Y-MA]
+JAN 3 2200 – //1179 with rock guitar, ID "Aici Bucuresti, Radio Romania Actualitati, hora exacta", 6 pips, news; to good peak over RNE Spain which was audible in the background. {<https://app.box.com/s/2hb7i065onyonikmm6ceebwkqgp8kr36>} [MC*Y-MA]
SPAIN RNE5 synchros. OCT 20 2200 – RNE news; over Romania.
+OCT 21 2200 – RNE intro; WWDJ slop. [MC*Y-MA]
+DEC 15 2100 – //loud 1107 with Khachaturian "Sabre Dance", 5+1 pips, fanfare, "Radio Nacional de Espana, servicios informativos"; over Romania. [MC*Y-MA]
- 1170 **SLOVENIA** Radio Capodistria, Beli Kriz. OCT 20 2301 – Woman in Italian briefly over stew with UAE and Colombia. WWVA not noted. [MC*Y-MA]
UNITED ARAB EMIRATES Sawt Al-Joumhouria, Al-Dhabbaya. NOV 7 2200 – Flute and strings, Arabic talk by woman then man; to fair peak, dominant. {A}
+NOV 12 2200 – Bit of guitar music, woman in Arabic with clear "Sawt Al-Joumhouria" ID; good, over WWVA. {A} [MC*Y-MA]
+NOV 12 2200 – Bit of guitar music, woman in Arabic with clear "Sawt Al-Joumhouria" ID; good, over WWVA. {A} [MC*Y-MA]
+DEC 29 2200 – Arabic talk by man, male vocal with strings; to good peak. {A}
+DEC 31 2200 – Orchestra, Al Joumhouria mention by man, male vocal; good. {A} [Connelly*Y-MA]
+MAR 24 2301 – Middle East rock; dominant. {A} [Connelly*Y-MA]
- 1179 **CANARY ISLANDS/SPAIN** SER synchros. SEP 29 0300 – Spanish news //1044; Cuba/WHAM slop. [Connelly*Y-MA]
+AUG 24 0000 – //1044 with Spanish news by woman; to fair peak. [MC*Y-MA]
ROMANIA SRR Radio România Actualitati, Galbeni/Bacau. OCT 7 0200 – Choral music, "hora exacta" mention; fair. {A}
+OCT 13 2200 – Man with ID "Aici Bucuresti, Radio Romania Actualitati, hora exacta"; over SER synchros. {A}
+OCT 16 2300 – Aici Bucuresti ID; WHAM slop.
+OCT 18 2200 – ID "Radio Romania Actualitati, hora exacta", pips; over SER Spain – Canaries. {A}
+OCT 20 2300 – Man with ID "Radio Romania Actualitati, hora exacta", pips; good. {A}
+OCT 21 2200 – Radio Romania Actualitati ID; through slop. [MC*Y-MA]
+OCT 24 0338 – Poor with woman talking, with only brief delay on Romania Actualitati web stream. [NHP-BC]
+NOV 27 2100 – Man "Aici Bucuresti, Radio Romania Actualitati, hora exacta", 6 pips; fair. {A}
+DEC 16 2000 – Rock music, ID "Aici Bucuresti, Radio Romania Actualitati, hora exacta", 6 pips, news; good. {A} [MC*Y-MA]

- +JAN 3 2200 – //1152 with guitar, ID "Aici Bucuresti, Radio Romania Actualitati, hora exacta"; fair.
{<https://app.box.com/s/918cqe7k3d2r4f8q39yfvfvmke6uxhmms>}
- +JAN 4 2200 – Aici Bucuresti ID; fair. {A} [MC*Y-MA]
- +MAR 7 2300 – Blues guitar, man "Aici Bucuresti, Radio Romania Actualitati, hora exacta", 6 pips, fanfare, news; good. {A} [MC*Y-MA]
- +MAR 21 2300 – Female blues vocal, man "Radio Romania Actualitati, hora exacta", 6 pips; to good peak. {A}
- +APR 8 0000 – Big band jazz, ID "Radio Romania Actualitati, hora exacta"; good. {A} [Connelly*Y-MA]
- +MAY 23 0100 – Radio Romania Actualitati ID; through slop. [MC-MA]
- 1188 **IRAN** IRIB Radio Payam, Tehran. OCT 20 2200 – 3 ascending-notes chimes, news by man; fair. {A}
- +OCT 21 2200 – Mideast male vocal music, signature 3 ascending notes at 2200:08, talk by man; to fair peak.
- +OCT 21 2300 – 3 ascending-notes chimes, Farsi talk by man; fair. {A} [MC*Y-MA]
- +DEC 9 2100 – Interval signal of 3 ascending notes, news by man; poor. [MC*Y-MA]
- +JAN 3 2200 – 3 ascending-notes chimes; fair. {<https://app.box.com/s/2foxx4glr0cjd49nvj7gc13707kga8j>}
- +JAN 4 2200 – 3 ascending-notes chimes, attention music, news by man; fair. {A} [MC*Y-MA]
- 1215t **UNITED KINGDOM** Absolute Radop synchros. OCT 7 0302 – with usual rock and sounding like an Absolute Radio ID at by woman; undermodulated? as carrier was very good. [NHP-BC]
- +OCT 11 0400 – News about Hurricane Michael damage in Florida and Georgia; fair. {A}
- t +OCT 19 0507 – poor with wispy bits of rock music, and at 0637, man talking, possibly English. [NHP-BC]
- +OCT 20 2159 – Absolute Radio ID, promo to win tickets to see Bohemian Rhapsody about the history of Queen/Freddie Mercury; good. {A}
- +OCT 21 0400 – talk, surely Absolute Radio, UK synchros, originally 14 of them, adding up to 560 kW per WRTH 2018. [GH-OK]
- +OCT 21 2200 – Rock across top of hour; good.
- +OCT 21 2300 – "Sunday night music... Absolute Radio", talk about Queen, "Bohemian Rhapsody"; good.
- +OCT 24 0351 – Fair with pop music; Absolute likely. [NHP-BC]
- +OCT 25 2200 – Contractor advert, Absolute Radio ID; fair. {A} [MC*Y-MA]
- +NOV 14 0511 – Kate Bush "Babooshka" (1980); good. [MC*Y-MA]
- +NOV 24 0404 – Poor with rock music, strongest level of the evening, but still poor to fair at best. [NHP-BC]
- +DEC 31 2201 – Absolute Radio ID, Aerosmith "Love in an Elevator"; fair. {A} [Connelly*Y-MA]
- +JAN 3 2201 – Absolute Radio ID, brief clips of several songs; fair to good. {<https://app.box.com/s/h1i19znwd75h14rn768qv4afzuiuavwv>} [MC*Y-MA]
- +FEB 16 0400 – Green Day song; fair.
- +FEB 17 2301 – Sixpence None the Richer "There She Goes"; fair.
- +FEB 24 0454 – Royal Caribbean advert, Absolute Radio ID; good. {A}
- +FEB 24 0600 – Sports report, Absolute Radio ID; to good peak. {A}
- +MAR 5 2300 – Pearl Jam "Alive"; good. [MC*Y-MA]
- +MAR 22 2301 – Stealer's Wheel "Stuck in the Middle"; fair.
- +MAR 25 0000 – Spotify advert, Absolute Radio app promo, Oasis song; good. {A}
- +APR 5 0101 – Absolute Radio promo, Thin Lizzy "The Boys Are Back In Town" (1976); to good peak. {A} [Connelly*Y-MA]
- +APR 30 0400 – Absolute Radio app advert; fair. [MC-MA]
- 1278 **IRAN** IRIB Radio Kermanshah, Kermanshah/Bakhtaran, OCT 1 2300 – Mideast male vocal, percussion; in slop. [Connelly*Y-MA]
- +OCT 21 0000 – Bits of mideast vocal; in WADO slop. [MC*Y-MA]
- +DEC 1 0254-0310 – Poor with man and woman talking in long phrases //Qatar KiwiSDR on 1278 where Oman is a problem, but a few minutes later verified that the same program is being streamed on IRIB Kermanshah website. New here. [NHP-BC]
- 1296 **SPAIN** COPE Valencia, Valencia/Castellar, JAN 5 2301 – Man in Spanish; poor. [MC*Y-MA]
- +FEB 15 2300 – Man in Spanish; to fair peak. [MC*Y-MA]
- +MAR 25 0000 – COPE ID; poor to fair. {A} [Connelly*Y-MA]
- UnID OCT 17 0400 – Koran; weak but over Spain, UK. [MC*Y-MA]
- 1305 **SPAIN** RNE5 synchros. OCT 17 0400 – RNE news intro; weak.
- +OCT 20 2200 – RNE news; poor. [MC*Y-MA]
- +MAR 9 2200 – RNE news intro; poor. [MC*Y-MA]
- 1332 **ROMANIA** SRR Radio România Actualitati, Galati/Barbosi. MAR 21 2259 – Female blues vocal //1179; fair during 1330 WRCA outage. Audio clip switches from 1332 to stronger 1179 at 7 seconds. {A} [Connelly*Y-MA]
- 1341 **NORTHERN IRELAND** BBC Radio Ulster, Lisnagarvey. OCT 20 2200 – BBC Radio Ulster ID, news; to fair peak.
- +OCT 21 2301 – Man and woman with BBC news; to fair peak.
- +OCT 25 2200 – FM and 1341 medium wave BBC Radio Ulster mention; fair on USB. {A} [MC*Y-MA]
- +DEC 16 2000 – Irish fiddling, "95 FM and 1341 medium wave, this is BBC Radio Ulster", news about Strasbourg shootings, Brexit negotiations; good. {A} [MC*Y-MA]
- +JAN 7 2100 – This is BBC Radio Ulster ID; poor. {A} [MC*Y-MA]
- 1386t **LITHUANIA** Radio Baltic Waves/Radio Liberty, Viesintos. OCT 7 0227 – man in what sounded like Russian, but soon gone. [NHP-BC]
- +OCT 19 0304 – poor with man talking to another man in possible Russian, poor readability. [NHP-BC]
- +OCT 20 2300 – Radio Svoboda IDs; fair. {A}
- +OCT 21 2200 – Two Radio Svoboda IDs in Russian talk; fair. [MC*Y-MA]
- +OCT 24 0331 – Poor to fair, was probably the kingpin this evening, many peaks with almost readable Russian languages. IDed by hearing NHK World theme music at same as what is used for the NHK2 Portuguese broadcasts. [NHP-BC]
- +NOV 3 0157 – Good strength. There had been TA carriers showing here since before local sunset this evening, but not much development until 0157 when 1386 started on a roll with a man and woman in Russian-like language, including several Radio Svoboda IDs. [NHP-BC]
- +NOV 26 0242 – faded up for a couple of minutes w/fair Russian talk. [BP-WA]
- +NOV 30 0054 – Excellent with Russian sounding talk by man. Had faded a bit by 0100, but easily heard a couple of Radio Svoboda IDs then. [NHP-BC]
- +NOV 27 2200 – Fanfare music, Radio Svoboda ID; WEGP slop. [MC*Y-MA]
- +DEC 23 0250 – Fair with Russian talk by man. [NHP-BC]
- +JAN 17 2200 – Attention music, Radio Svoboda ID by man; fair. {<https://app.box.com/s/k66g9mvt2jd42el593fzm20y92cn1kxbj>} [MC*Y-MA]
- +MAR 6 2300 – News by man in Russian; poor in WEGP slop. [MC*Y-MA]
- +AUG 24 0100 – Russian talk, Svoboda mention; poor. [MC*Y-MA]
- 1413 **MOLDOVA** Vesti FM, Grigoriopol/Maiac. NOV 27 0127 – faded up with bits of Russian talk. 0200 6 pips, then weak male talk. Best at 0208 w/more talk in Russian. [BP-WA]
- +NOV 30 0300 – weak Russian talk and time pips, weak talk at other times. [BP-WA]
- +NOV 29 0354 – weak with woman talking, seemed to match Vesti's streaming audio. 0400 weak 5+1 time pips, all 1000 Hz, which matches the recordings posted on YouTube. [BP-WA]
- t +DEC 28 0128 – talk in domestic splash. [BP-WA]
- 1413 **SPAIN** RNE5 synchros. OCT 20 2200 – RNE news introl to fair peak.
- +OCT 23 0300 – Pips, RNE intro; poor. [MC*Y-MA]
- +DEC 9 2100 – 5+1 pips, RNE news; best to get this early before too much CJWI slop. [MC*Y-MA]
- +JAN 4 2100 – //1107 with female vocal, 5+1 pips, time, fanfare, Radio Nacional de Espana ID; fair. {A} [MC*Y-MA]
- +AUG 24 0000 – //1107 with slow vocal, 5+1 pips, fanfare music, RNE news; to fair peak. [MC*Y-MA]
- 1422 **ALGERIA** Radio Algérienne, Algiers. SEP 29 0259 – Group Arabic vocal, drumming; fair. [Connelly*Y-MA]
- +OCT 14 0301 – Koran; fair.
- +OCT 17 2300 – Soft music then marching band anthem; fair. [MC*Y-MA]
- +DEC 9 2100 – 4+1 pips (last higher pitch), dramatic news intro music; poor. [MC*Y-MA]
- +AUG 24 0000 – Arabic group vocal; poor to fair.
- +AUG 24 0101 – Koran; to fair peak. [MC*Y-MA]

- 1431 **DJIBOUTI** Radio Sawa, Arta, MAR 6 2300 – Slow male Arabic vocal; to fair peak through slop. [MC*Y-MA]
+MAR 22 2300 – Mideastern dance club music; over slop. [Connelly*Y-MA]
- 1458 **ROMANIA** SRR Radio România Actualitati, Constanta/Valu lui Traian. OCT 20 2200 – Radio Romania Actualitati ID, 6 pips; slightly over mess. [MC*Y-MA]
+DEC 7 0059-0100 – Poor with man saying "Radio Romania" I'm pretty sure (emphasis on the "i"), followed by 6 short pips. The same sequence was heard on Radio Romania Actualitati webstream one hour later. [NHP-BC]
- t **UNITED KINGDOM** Brookmans Park, Lyca Radio. OCT 19 0610 – poor with rock music, didn't sound as Indian as Lyca's stream, once I had found it, but the station was playing upbeat numbers also. One to watch. [NHP-BC]
- 1467 **FRANCE** TWR Europe, Roumoules. OCT 20 2200 – Likely this with Arabic music; poor. [MC*Y-MA]
+NOV 30 2200 – English sentences by preacher translated to Arabic; to good peak. {A} [MC*Y-MA]
+FEB 1 2200 – Male preacher "The name Jezebel is associated with idolatry, treachery, and murder."; fair. {A}
+FEB 7 2200 – Man in Arabic; good. {A} [MC*Y-MA]
- UnID** MAR 24 2301 – Possibly Saudi Arabia with female Mideastern vocal after France sign-off. On LSB to dodge Iran 1476.378 het. {A} [Connelly*Y-MA]
- 1467.37 **IRAN** IRIB Radio Qom, Qom. OCT 20 2200 – Het of about 370 Hz on high side of 1467.0 Arabic station, not much audio. [MC*Y-MA]
- 1485t **IRAN** MAR 24 2301 – Attention music, talk by man, then woman; poor. Not usual Spain. Likely Iran per Jari Savolainen on RealDX list. {A} [Connelly*Y-MA]
- 1503 **EGYPT** ERTU Al-Quran al-Karim, Holy Quran Programme, Al-Arish. NOV 30 0128 – Poor with Koranic recitation, recognizable by being parallel to 864, which wasn't that strong either at the time, but strong enough. New here. [NHP-BC]
+MAR 22 2301 – Koran; to fair peak. [Connelly*Y-MA]
- SPAIN** RNE5, La Línea de Concepción and Piñeira, FEB 24 0500 – Pips, RNE news intro; poor. [MC*Y-MA]
- UnID** OCT 20 2200 – Koran; poor but over Spain. [MC*Y-MA]
- 1521 **SAUDI ARABIA** SBC RadioRiyadh, Duba. OCT 20 2200 – Arabic male vocal and big orchestra; to good peak.
+OCT 21 2200 – Group male vocal with orchestra; good.
+OCT 23 2200 – Arabic dance-pop across top of hour; good on peaks. [MC*Y-MA]
+DEC 16 2000 – Music with heavy drumming, brief announcement by woman in Arabic, more high-energy music; good peak. {A} [MC*Y-MA]
+DEC 31 2100 – Female Arabic vocal, man with Arabiya es Saudiya mention, fanfare / attention music; to good peak. {A} [Connelly*Y-MA]
+MAR 9 2200 – Rhythmic music, a few words by a man, chanting, more Arabic talk; fair. [MC*Y-MA]
- 1530 **SAO TOME E PRINCIPE** VoA, Pinheira. OCT 14 0259 – Yankee Doodle march at sign-on; under WCKY. UnID Spanish (Puerto Rico?) occasionally in the mix.
+OCT 18 2200 – Rap music, man "This is the Voice of America, Washington DC signing off. For information regarding the times and frequencies of VOA programs, write to Program Schedules, Voice of America, Washington DC 20547."; good, generally over WVBF. {A} [MC*Y-MA]
+NOV 30 2200 – Man "This is the Voice of America, Washington DC, signing off.", poor to fair. Pips (6 equal) under from Romania. {A}
+DEC 9 2200 – Southern style guitar boogie, Voice of America – Washington DC sign-off announcement; very good. {A}
+DEC 15 2200 – Man "This is the Voice of America, Washington DC, signing off.", usual mention about getting program schedules; fair. {A} [MC*Y-MA]
+FEB 4 0259 – Yankee Doodle music at sign-on; under WCKY. [MC*Y-MA]
+MAR 11 0259 – Yankee Doodle theme at sign-on; mixed with WCKY.
+MAR 17 0259 – Yankee Doodle march, man "This is the Voice of America, Washington DC, signing on.", more Yankee Doodle, VOA news with lead item about New Zealand mosque killings; way over WCKY. {A} [MC*Y-MA]
+MAR 29 0259 – Yankee Doodle music; mixed with WCKY and another that was possibly Romania.
+APR 1 0259 – Man "This is the Voice of America, Washington DC, signing on. Yankee Doodle march; over WCKY. {A} [Connelly*Y-MA]
+APR 30 0400 – "This is VOA news", item about Islamic State; to good peak, dominant. {A} [MC-MA]
+JUN 5 0259 – VOA sign-on with Yankee Doodle march and announcement "This is the Voice of America, Washington DC signing on." Generally over WCKY-OH. {A} [Connelly-MA]
+JUL 19 0259 – Man with Voice of America ID, Yankee Doodle theme music; dominant. {A} [MC*Y-MA]
+AUG 27 0259 – Yankee Doodle march, man "This is the Voice of America, Washington, DC, signing on", more Yankee Doodle; to good peak, dominant. {A} [MC*Y-MA]
- 1539 **SPAIN** SER synchros. AUG 24 0100 – News by man in Spanish; poor through CHIN slop. [MC*Y-MA]
- 1539 **UNITED ARAB EMIRATES** Asianet Radio, Al-Dhabbaya. DEC 1 0239 – Poor with Indian pop, //657 on the Qatar KiwiSDR. New here. [NHP-BC]
+DEC 24 1518 – Indian influenced pop music and at various times later; good at 1547 with man in UnID language; Malayalam? [NHP-BC]
- t 1548 **MOLDOVA** TWR, Grigoriopol. DEC 15 2100 – Music, man in Russian; poor. {A} [MC*Y-MA]
+DEC 31 2100 – Bits of music, then TWR interval signal; fair to good. {A} [Connelly*Y-MA]
- 1550 **ALGERIA** National Radio of the Saharan Arab Democratic Republic, Rabouni. OCT 23 2200 – Arabic music, talk; in jumble with domestics. [MC*Y-MA]
- 1566 **BENIN** TWR Africa, Parakou/Sérarou. APR 30 0400 – Segment of Hallelujah Chorus; briefly above the slop. {A} [MC-MA]
- 1575 **IRAN** Qeshm, jammer. NOV 24 1520 – Good with buzz jammer doing a very effective job of jamming presumed VoA from Thailand. Didn't notice it until when I first switched over to the north flag, so it might have been in for awhile. Was pretty much gone by 1530. [NHP-BC]
+NOV 26 0221 – jammer fair and producing noticeable buzz. [BP-WA]
+NOV 30 0125 – buzzsaw jammer, the strongest I've ever heard it. [BP-WA]
+DEC 1 0100 – Buzzsaw jammer; dominant. {A} [MC*Y-MA]
+DEC 28 0225 – loud Iranian buzzsaw jammer. [BP-WA]
+JAN 2 2200 – Buzz-jammer; over talker (apparent UAE). [MC*Y-MA]
+MAR 11 0300 – Jammer; fair. [MC*Y-MA]
+MAR 24 2301 – Buzzsaw jammer; dominant. {A} [Connelly*Y-MA]
+AUG 24 0000 – Buzz-jammer; over Spain. [MC*Y-MA]
- 1575t **ITALY** RAI Radio 1, Genova/Portofino. MAR 29 2259 – Classical music; poor to fair in tough 1570 CJLV/WUBG splash. {A} [Connelly*Y-MA]
- UNITED ARAB EMIRATES** Radio Farda, Al Dhabiya. DEC 25 0028 – Poor with weak piano music parallel to Farda webstream, during a fade down in the Iranian jammer. [NHP-BC]
- 1584 **SPAIN** SER synchros. AUG 24 0000 – //1044 with music, pips, news; poor. [MC*Y-MA]
- 1593t **KUWAIT** Radio Sawa, Al-Kuwayt/Umm al-Rimam. MAR 24 2301 – Pop Middle Eastern music; over probable Romania. {A} [Connelly*Y-MA]
- *** TRANS-PACIFIC DX ***
- 358 **ALASKA** KAW-27, Sitka. SEP 17 1250 – transcribed weather broadcast 1248 poor signal. [DV-WA]
- 525 **ALASKA** ICW, Nenana/Ice Pool Muni. OCT 19 Time? – repeated CW ID, back again for the first time this season. The code is offset 1020 Hz, so tune either 524 or 526 with BFO on. This is a clear channel beacon (and you thought clears were a thing of the past!) with 1KW, so it should be an easy catch anywhere in west US or Canada. [AWP-CA] ***A correction from my typo last week, this is on 525 kHz! – BJ***
- 529 **ALASKA** ICW, Nenana/Ice Pool Muni. OCT 19 Time? – repeated CW ID, back again for the first time this season. The code is offset 1020 Hz, so tune either 524 or 526 with BFO on. This is a clear channel beacon (and you thought clears were a thing of the past!) with 1KW, so it should be an easy catch anywhere in west US or Canada. [AWP-CA]
- 531 **AUSTRALIA** 4KZ, Innisfail. DEC 26 1459 – Fair with commercial, followed by "National news on 4KZ" by man at 1500. [NHP-BC]
- JAPAN** JOQG, Morioka, NHK1. OCT 4 1332 – good w/man in Japanese //666. [NHP-BC]
+OCT 25 1234 – //567, 594, 612, etc. [CN-BC]
- t +OCT 25 1431 – Tentative reception with poor to fair level best heard at 1436 // to very loud 594. Rarely heard here, although common in Masset. Pretty much gone by 1440. [WS-BC]
+NOV 1 1345 – sounded like a location broadcast //567, 594, 666, etc. [CN-BC]
+OCT 27 1350 – Sports event – Sumo perhaps – easy //567, 585, 594, 612, 666 and on and on and on. [CN-BC]
+APR 3 1319 – Fair with man talking //594. Also at this level APR 6 1307. [NHP-BC]
- UnID** OCT 21 1407-8 – good with man in DU English talking about student uniforms; no idea. [NHP-BC]
- 540 **AUSTRALIA** 4QL, Longreach. OCT 21 1424 – poor with man and woman //594. [NHP-BC]
- CHINA** CNR1 synchros. OCT 27 1415 – Easy //639 at times over and under fading CBK Saskatchewan – Chinese talk. If there was going to be a morning when this channel produced, this was it. Wahoo! [CN-BC]
+OCT 29 1429 – Poor with woman singing //945, but was stronger than a man talking on the channel with echoes. [NHP-BC]

- +NOV 3 1359 – Chinese talk under/over the domestic with echo pips at the hour – easy //639 (which was the anchor of the morning....) [CN-BC]
- 540 **JAPAN** NHK1 synchros. OCT 3 1402 – poor w/woman talking //594. [NHP-BC]
 +DEC 17 1510 – Poor with NHK1 interlude music //1503. Not too much trouble from domestics. [NHP-BC]
 +APR 3 1320 – Poor with wild sounding sports? announcer //594; a bit of a surprise, dominating the channel. [NHP-BC]
- t **REP KOREA** HLCZ, Hongseong, KBS1. OCT 25 1325 – Smooth Korean pop under/over CBK Regina. [CN-BC]
- 549 **AUSTRALIA** 2CR, Orange. OCT 6 1400 – poor w/ABC fanfare. [NHP-BC]
JAPAN JOAP, Naha, NHK1. OCT 3 1402 – poor w/woman talking //594; first reception at home. [NHP-BC]
- 558 **JAPAN** JOCR, Kobe. SEP 22 1339 – Fair, w/man in Japanese, then music, //1332. [NHP-BC]
 +OCT 4 1349 – fair w/man in Japanese. [NHP-BC]
REP KOREA HLQH, Yeong-il, KBS2. SEP 24 1305 – fair pop music and woman in Korean. [BP-WA]
 +OCT 3 1326 – pop song //603 fair. [BP-WA]
 +OCT 6 1403 – excellent w/ballad //603. [NHP-BC]
 +OCT 7 1400 – excellent with woman talking, followed by time pip, ballad //603. [NHP-BC]
 +OCT 27 1246 – Solid signal //603 with endless Korean pops – Solid hints of Japanese speaking underneath – assuming JOCR. [CN-BC]
 +OCT 25 1425 – Excellent with female vocal //603. [NHP-BC]
 +OCT 25 1426 – Good to very good reception with EZL female vocal. //603. Faded down, then returned at 1436 with pop music, but this time 603 was more powerful at good to very good level, compared to 'only' good for 558. [WS-BC]
 +NOV 8 1441 – easy listening music good //603. [BP-WA]
 +APR 2 1310 and 1314 – Poor with ballad briefly //603. [NHP-BC]
- 567 **AUSTRALIA** 4JK, Julia Creek. OCT 21 1438 – fair with man and woman talking //594. [NHP-BC]
 +DEC 28 1525 – Poor with man and woman talking //612. [NHP-BC]
JAPAN JOIK, Sapporo, NHK1. SEP 16 1310 – talk //594, fair-poor. [BP-WA]
 +SEP 17 1329 – weak //594 JOAK. Man in Japanese. [DV-WA]
 +SEP 20 1322 – Japanese talk //594 fair-poor in KVI splash. [BP-WA]
 +SEP 20 1344 – Woman and man in Japanese //594 excellent level. [NHP-BC]
 +SEP 24 1317 – woman in Japanese //594 poor in KVI splash, fair w/song 1322. [BP-WA]
 +SEP 25 1332 – Japanese talk //594. [BP-WA]
 +SEP 26 1319 – Japanese talk fair //594. [BP-WA]
 +OCT 3 1327 – Japanese woman good but much KVI splash. [BP-WA]
 +OCT 19 1431 – excellent with jazz vibes number //675 (594 was in the shade just then). Was at this strength a number of times this morning. [NHP-BC]
 +OCT 25 1429 – Excellent with woman in Japanese //594. [NHP-BC]
 +OCT 25 1429 – Very strong NHK1 programming. One of the winners this morning! [WS-BC]
 +OCT 27 1247 – Very strong NHK1 programming anchoring all the others – 531, 585, 594, 612, 666, 675. [CN-BC]
 +NOV 4 1420 – Japanese man speaking w/ slow (1-2 Hz) SAH against a female speaker in the background Korean or Chinese sounding but not Pacific sounding. [CN-BC]
 +NOV 8 1443 – Japanese conversation //594, good signal but blasted by KVI-570 splat. [BP-WA]
 +FEB 15 1456 – Excellent with weather reports for Japanese cities. [NHP-BC]
 +APR 6 1316 – Excellent with man talking //594. For a second tier station, this can really jump at times. [NHP-BC]
- NEW ZEALAND** Wellington, Radio New Zealand National. APR 21 1212 – Poor with pop vocal //756. [NHP-BC]
- 576 **AUSTRALIA** 2RN, Sydney. SEP 24 1355 – Good with woman DU English //621. [NHP-BC]
 +OCT 21 1357 – excellent with interview of man by woman; paralleled with 846 a little later. [NHP-BC]
 +APR 24 1244 – Poor with man talking //585, but with some offset. [NHP-BC]
JAPAN NHK1 Synchros. DEC 17 1510 – Poor with NHK1 interlude music //1503; this looks like another new logging from the NHK1 parallel harvest at 1510UT on this date. [NHP-BC]
PHILIPPINES DXMF, Davao City, Bomba Radyo Davao. OCT 7 1357 – good with some sort of sports broadcast, with pounding of drums. It was music across the hour of course. Bruce Portzer had found <https://www.youtube.com/watch?v=vcBukTt6XVM> to help Bill identify an UnID from Grayland in February, and that entertaining little song is what was being heard in Victoria at 1400. It's their sign off song. I wonder how many stations commission sign off songs? New here. [NHP-BC]
UnID OCT 25 1328 – Pop music of some kind or another – this could be a good channel to shoot for Philippines – not a lot of big Japanese or Korea competition. [CN-BC]
- 585 **AUSTRALIA** 7RN, Hobart. SEP 22 1336 – Fair w/woman talking //576. [NHP-BC]
 +OCT 20 1403 – good with man talking about Australian rugby //621. [NHP-BC]
 +MAR 3 1440 – Poor with woman talking //621. [NHP-BC]
 +APR 19 1300 – Poor with ABC fanfare, man with ABC news. [NHP-BC]
JAPAN JOPG, Kushiuro, NHK1. SEP 18 1322 – Poor w/woman talking //594, mixing with likely 7RN. [NHP-BC]
 +OCT 3 1332 – weak talk //594, fair at 1350. [BP-WA]
 +OCT 27 1248 – //567 and the lot with sports event – Sumo? Sounded more like baseball or a larger event. [CN-BC]
 +OCT 3 1358 – fair w/man talking //594. [NHP-BC]
 +OCT 25 1440 – Finally a parallel to 594 by 1440. Very weak. Seemingly // to woman on Tokyo's channel, but not so sure a minute later when it sounds male! Perhaps co-channel, or another station taking over the channel. [WS-BC]
 +NOV 8 1444 – Conversation weak //594. [BP-WA]
 +FEB 28 1453 – Poor with woman talking, then choral music //594. [NHP-BC]
 +APR 3 1319 – Fair with man talking //594. [NHP-BC]
UnID OCT 6 1353 – very weak talk, sounded female, not //594. [BP-WA]
- 594 **AUSTRALIA** 3WV, Horsham. SEP 16 1347 – Fair w/man talking //612, mixing with JOAK 1347. [NHP-BC]
 +APR 21 1250 – Poor with man talking, DU English intonation //774. [NHP-BC]
JAPAN JOAK, NHK1, Tokyo. SEP 16 1300 – time pips, then news rising to good level by 1302. [BP-WA]
 +SEP 17 1252 – fair with man/woman in Japanese. Good signal 1313. [DV-WA]
 +SEP 20 1307 – woman in Japanese fair. [BP-WA]
 +SEP 24 1306 – man in Japanese good, sounded like news. [BP-WA]
 +SEP 25 1310 – good man in Japanese. [BP-WA]
 +SEP 26 1314 – man in Japanese good. [BP-WA]
 +OCT 3 1333 – good discussion in Japanese. [BP-WA]
 +OCT 22 1349 – good with man in Japanese. [DV-WA]
 +OCT 27 1248 – Solidly holding channel with live sporting event – Japanese //531, 585, 567, etc. [CN-BC]
 +OCT 27 1600 – Good strength, was still perfectly readable at this time, well over an hour after local sunrise. [NHP-BC]
 +NOV 8 1500 – good w/time pips, man mentioning "NHK Newsdesk", then news. [BP-WA]
 +NOV 21 0926 – weak, //JOAK 594. [DV-WA]
NEW ZEALAND Timaru/Wanganui, Star. OCT 13 1348 – Poor with laid back vocals //657 taking over briefly from JOAK. First logging here. [NHP-BC]
- 603t **AUSTRALIA** 2RN, Nowra. OCT 21 1400 – poor with ABC fanfare, nailed at 1417 with woman talking //585. [NHP-BC]
- CHINA** Dongfang, CRI. SEP 28 1400 – Chimes and fanfare, poor strength. Dongfang seems unlikely, as it's on the west side of Hainan, and directional away from North America but it's the only CRI listed. [NHP-BC]
 +OCT 6 1402 – fair w/man in Chinese, dominating faded down HLSA; CRI chimes and fanfare had been heard on the hour, but don't know if this was the same. [NHP-BC]
 +Alone on top with the CNR1 program with preachy Chinese woman. [CN-BC]
 +NOV 3 1308 – Chinese talk briefly good, fast-talking woman. [BP-WA]
 +MAR 20 1400 – Poor with distinctive CRI chimes and fanfare, rather a surprise, soon taken over by more usual HLSA. [NHP-BC]

- CHINA/REP KOREA** OCT 27 1249 – Spectacular wrestling match with HLSA staying more or less on top with the CNR1 program surfacing every few minutes – no sign of any NHK here. [CN-BC]
- JAPAN** JOOG/JOKK, Obihiro/Okayama, NHK1. SEP 24 1332 – Poor with brassy music //594. [NHP-BC]
- +MAR 30 1325 – Poor with man talking //594, mixing with music and woman talking (likely HLSA?). [NHP-BC]
- REP KOREA** HLSA, Seoul, KBS2. p SEP 16 1311 – weak music. [BP-WA]
- +SEP 17 1330 – fair with pop music, woman in Korean. [DV-WA]
- +SEP 19 1326 – Excellent level, soft music followed by woman in Korean //558. [NHP-BC]
- +SEP 24 1335 – poor pop music. [BP-WA]
- +SEP 25 1334 – pop vocal song faded up for a couple of minutes. [BP-WA]
- +SEP 26 1342 – weak talk and music. [BP-WA]
- +OCT 3 1257 pop tune and melodic woman fair. [BP-WA]
- +OCT 6 1407 – good w/ballad //558 1407. [NHP-BC]
- +OCT 7 1400 – excellent with woman talking, pip, ballad //558. [NHP-BC]
- +OCT 25 1233 – really good levels this AM – //558. [CN-BC]
- +OCT 25 1408 – Excellent with woman in Korean into light vocal music //558. [NHP-BC]
- +OCT 25 1427 – Very strong reception at this time, but again, I can hear a weak co-channel speaker. //558. At 1435, I'm hearing NHK1, I'm pretty sure, which would be the 5 kW senders from either Obihiro or Okayama (JOOG or JOKK). Those only lasted for about 30 sec, before HLSA came blasting back. [WS-BC]
- +NOV 4 1421 – Solid Korean pops taking on one or two Chinese channel stalkers – but winning. [CN-BC]
- +NOV 8 1441 – weak easy listening music //558. [BP-WA]
- +APR 6 1300 – Good with KBS jingle just before hour, but just after the hour, it got to this level, and was //558 at a couple of points also. [NHP-BC]
- 612 **AUSTRALIA** 4QR, Brisbane. SEP 22 1359 – Pop music, excellent level w/Night Life mention by woman 1359, and into fanfare. [NHP-BC]
- +OCT 5 1411 – excellent w/woman to man on phone DU English, bit of an outlier this morning. [NHP-BC]
- +OCT 21 1425 – excellent with man being interviewed by woman //702. [NHP-BC]
- +OCT 25 1426 – Good to very good reception with a call-in type program. Weak co-channels are there, but jumbled. Faded to nothing, before making a comeback at 1441. [WS-BC]
- +NOV 6 1444 – Excellent with man talking about a group of islands, //702 earlier. Enhanced by geomagnetic upset, but not that many Aussies followed its lead. [NHP-BC]
- +JAN 13 1541 – Excellent with announcement by woman about ABC news app. Parallels, though much weaker, were noted during this short Australian enhancement: 3WV-594, 2BL-702, 2NR-738, 3LO-774. [NHP-BC]
- +MAR 29 1406 – Excellent with woman saying "on ABC Radio Brisbane". [NHP-BC]
- 612 **JAPAN** JOLK, Fukuoka, NHK1. SEP 26 1320 – fair w/talk //594. [BP-WA]
- +SEP 27 1343 – Good w/woman talking //594 during a quiet period from 4QR. [NHP-BC]
- +OCT 3 1331 – weak talk //594. [BP-WA]
- +OCT 4 1404 – fair w/woman talking //594. [NHP-BC]
- +OCT 27 1248 – Taking something off a bashing from 610 but clearly NHK1 programming parallel to the cluster of 531, 585, 594, 666 and on. Fair in the splash. [CN-BC]
- +NOV 8 1415 – weak music and woman talking //594. [BP-WA]
- UnID** SEP 16 1306 – talk, in domestic splatter. [BP-WA]
- 620 **ALASKA** KGTL, Homer. OCT 6 1351 – dominant w/standards, "Unforgettable Favorites, KGTL" ID. [BP-WA]
- 621 **AUSTRALIA** 3RN, Melbourne. SEP 23 1332 – Poor w/man talking //585. [NHP-BC]
- +MAR 3 1440 – Poor with woman talking //585. [NHP-BC]
- 621 **CHINA** Heilongjiang RGD Xinwen Guangbo synchros. OCT 6 1347 – immense with male vocal ballad, listenable in LSB with a het from 620. Had faded up quickly at 1342, and was strongest 1345-49. Two sets of Chinese pips on hour, and a Chinese speaking man after the hour, but the clincher, thanks to Chuck Hutton for the tip, was a parallel on 900 kHz, both before and after 1400, with the time pips lining up exactly. [NHP-BC]
- +OCT 7 1350 – good pop ballad and into another with no announcements. Two sets of Chinese pips (and NHK style one too) on the hour. A doorbell sound at 1401 was also heard on 900 kHz for a parallel. [NHP-BC]
- +NOV 4 1453 – Good with pop music //900. These were also heard 29 and 30th October, but not so well. [NHP-BC]
- +NOV 30 1520 – Fair with female ballad //900. [NHP-BC]
- +DEC 14 1555 – Poor with man and woman singing ballad, //900 on Seoul KiwiSDR (no 900 heard at home). [NHP-BC]
- DPR KOREA** Chongjin, Pyongyang Bangsong. OCT 25 1235 – likely the moderately paced Korean speaking woman – good modulation. [CN-BC]
- +OCT 27 1249 – Unusually clear and strident female Korean speaker atop a normally messy and off frequency sundae swirl of a channel. [CN-BC]
- +OCT 25 1427 – A messy, buzzy frequency. Strong signal. One on 621.000, and the other, presumably North Korea on 620.931, with the latter slightly stronger. The result is no useful signal. [WS-BC]
- 630 **AUSTRALIA** 4QN, Townsville. OCT 6 1400 – poor w/ABC fanfare under KCIS. [NHP-BC]
- CHINA** CNR2 synchros. OCT 6 1400 – poor w/Chinese pips under KCIS. [NHP-BC]
- 639 **AUSTRALIA** 5CK, Port Pirie. SEP 18 1330 – ABC fanfare, very weak, but enough for an ID. [NHP-BC]
- CHINA** CNR1 synchros. SEP 20 1332 – Excellent level w/man in Chinese, another man agreeing 1332; this could be listened to with synchronous demodulation centered on 639 (or even USB; only a het from 640 by now). [NHP-BC]
- +OCT 6 1348 – good w/man in Chinese 1348 //945 and 981 at various times. [NHP-BC]
- +OCT 6 1400:30 – a few bars of the theme music played during IDs //981 etc. Very poor in horrific KCMS-630 splatter. Much better 1403 w/fair male in Chinese //1098. [BP-WA]
- +OCT 25 1427 – Chinese speaker (woman) with a little forceful tone. Faded down by the BOH, but fair+ beforehand. Suddenly back up to good + reception at 1431. Even very good, with Chinese newscast, with some fanfares. Ads at 1433. Sounds almost like an audio relay of television. Pretty much gone by 1440. [WS-BC]
- +OCT 24 1429 – Excellent with man in Chinese, pips, time check, into news. [NHP-BC]
- +OCT 27 1250 – Solid network Chinese feed – but not alone with some clear competition underneath – Likely Japan. [CN-BC]
- +NOV 1 1347 – Chinese talk with woman and man at good levels. [CN-BC]
- +NOV 2 1419 – Huge signal, with woman in Chinese; was able to tune to 640, and listen to this just the same in AM or synchronous AM. Similarly, NOV 1 1430, huge signal with pips, time check, news, but had developed multiple echoes by 1435. [NHP-BC]
- +NOV 3 1401 – News anchor Chinese man //639 and 540 – likely news hour reflector of an RGD station of unknown city. [CN-BC]
- +NOV 4 1422 – All alone with Chinese network programming – down 3-6 db over yesterday easily. [CN-BC]
- 639 **JAPAN** JOIP, Oita, NHK1. SEP 17 1334 – weak //JOAK 594. Woman in Japanese. Fair at 1343. [DV-WA]
- +SEP 22 1329 – Poor w/piano music //774 1329. [NHP-BC]
- +OCT 19 1419 – poor with man and woman talking //594. Heard several times over a couple of weeks. [NHP-BC]
- +APR 3 1313 – Poor with woman and man talking //594. [NHP-BC]
- JAPAN** JOPB, Shizuoka, NKH2. APR 6 1309 – Poor with woman talking //774. By 1319, JOIP was dominant //594 with man talking, but soon taken over again by JOPB. [NHP-BC]
- 640 **ALASKA** KYUK, Bethel. OCT 25 1430 – Not KFI, as they went into NPR news at the BOH. NPR ID again at 1431:30. Pretty much gone after that. Fair overall, with a lot of splatter from the high side. [WS-BC]
- 648 **JAPAN** JOIG, Toyama, NHK1. OCT 4 1338 – poor w/man talking //594; a new logging at home. [NHP-BC]
- +NOV 7 1435 – Poor with man talking, //594. Only second time logged; both this season. [NHP-BC]
- +MAR 31 1326 – Poor with man talking //594; pleasant surprise, as 648 is a tough frequency here. [NHP-BC]
- 650 **ALASKA** KENI, Anchorage. OCT 6 1400 – "650 KENI Anchorage" ID during perfectly timed pause in CISL audio. [BP-WA]
- 657 **CHINA/DPR KOREA** OCT 27 1251 – Stupid good levels at times – Cross an all-girl version of Queen singing Korean political anthems about the honourability of farm living and you have the soundtrack of 657 – understandably Gary DeBock's favourite radio station ever. By 1412 there were hints of pot-banging Chinese opera popping through. [CN-BC]

- DPR KOREA** Pyongyang, Pyongyang BS. SEP 16 1300 – In domestic splatter, then talk in Korean, fair at 1304, good male talk 1308. [BP-WA]
 +SEP 17 1340 – weak with instrumental music. [DV-WA]
 +SEP 20 1300 – weak 3+1 pips, 1316 angry woman fair. [BP-WA]
 +SEP 24 1300 – weak pips and bits of talk in domestic splatter. [BP-WA]
 +SEP 25 1314 – woman god w/emphatic talk. [BP-WA]
 +SEP 26 1313 – Korean talk fair. [BP-WA]
 +OCT 3 1335 – good group of women singing their hearts out. [BP-WA]
 +OCT 6 1347 – fair w/marching music; IDed //855 a few minutes later. [NHP-BC]
 +OCT 19 1412 – good with man in Korean. [NHP-BC]
 +OCT 22 1353 – very weak with music. [DV-WA]
 +OCT 25 1226 – brain washing levels of what sounded like a North Korean version of "Queen"... 'We will ROCK you, then brain wash you....' [CN-BC]
 +OCT 25 1426 – Gary's (Gary DeBock – pb) favourite station, and just pounding in with entertaining marshall music, although a little lighter than I remember from past years. Pretty clean audio, too. Lost them shortly after the BOH, but back again at 1438 equally strong. Just non-stop instrumentals. [WS-BC]
 +NOV 1 1347 – Same hypnotic content, same unusually good signals this Fall. [CN-BC]
 +NOV 8 1433 – music in heavy KAPS-660 splash, good signal but poor reception. [BP-WA]
 +NOV 21 0929 – in briefly with instrumental music. [DV-WA]
 +DEC 23 1400 – Poor with higher-pitched North Korean 3+1 time pips. They were the only recognizable signal at the top of the hour (a few of the high-powered Japanese and South Korean stations were barely audible a few minutes earlier). Relog. [TRH-CA]
- NEW ZEALAND** Tauranga, 'Star'. OCT 14 1355 – fair with ballad //909. [NHP-BC]
UnIDs OCT 6 1350 – Chinese talk mostly u/North Korea but audible for several minutes. At 1400, i had 3+1 pips that sounded like they were from a NHK or KBS, rather than Pyongyang, so possibly HLKM. Chinese talk resurfaced a short time later. No sign of the North Korean at 1400, just the 1-2 UnIDs! [BP-WA]
 +DEC 2 1422 – exotic sounding female folk music, fair on peaks, Chinese talk after 1430, possibly Nei Menggu. ToH only had NHK pips at 1400 and 1500. [BP-WA]
- 664 **UnID** SEP 16 1300 – 3+1 pips, weak male talk, probably Japanese. [BP-WA]
 +SEP 20 1304 – deep voiced man, couldn't quite tel language, fair but much splatter. [BP-WA]
 +SEP 24 1316 – man in Japanese fair. [BP-WA]
- 666 **JAPAN** JOBK, Osaka, NHK1. SEP 16 1315 – weak talk //594. [BP-WA]
 +SEP 17 1342 – fair with man in Japanese. //JOAK 594. [DV-WA]
 +SEP 24 1324 – man and woman //594 poor in splash, fair 1331. [BP-WA]
 +SEP 25 1336 – Japanese man good //594. [BP-WA]
 +SEP 26 1331 – Japanese talk //594. [BP-WA]
 +OCT 3 1304 – Japanese man and woman good but much splatter. [BP-WA]
 +OCT 4 1352 – excellent w/man in Japanese. [NHP-BC]
 +OCT 25 1424 – Excellent with woman in Japanese //594. [NHP-BC]
 +OCT 25 1431 – Good to very good fade in at 1431. //594 and others. Lasted only briefly, though, and faded soon to nothing. [WS-BC]
 +OCT 27 1240 – (and various passes) Holding its own //594 and others with NHK programming. This morning, Sports! [CN-BC]
 +NOV 8 1447 – Japanese man and woman //594 fair. [BP-WA]
- 670 **ALASKA** KDLG, Dillingham. OCT 6 1400 – good w/ID by local resident, then NPR news, no sign of KBOI. [BP-WA]
 +OCT 25 1429 – Nice NPR ID sinching this Alaskan. Good to very good at times, but faded down at the BOH. 41 degrees in Dillingham at 1433, with Bristol Bay marine weather. This one is a regular in Masset, and one of the strongest Alaskans I hear up there. Continued strong to 1442. [WS-BC]
- 675 **CHINA** Nei Menggu, RGD. NOV 4 1423 – All alone with woman in Chinese – no sign of Vietnam or Japanese programming. [CN-BC]
CHINA/JAPAN/VIETNAM NOV 1 1348 – Easy three-some with double echo Chinese woman pontification, followed by Japanese speaking woman/man in the background and in the same minute a Lao/Vietnamese sounding lady surfaced. This is indicative of the deep continental reception we have been getting into Asia this season. [CN-BC]
JAPAN JOVK/JOUG, Hakodate/Yamaguchi, NHK1. OCT 4 1347 – por w/man talking //594. [NHP-BC]
 +NOV 8 1432 – weak talk sounded //594/666. [BP-WA]
NEW ZEALAND Christchurch, Radio New Zealand National. APR 23 1253 – Poor with woman talking, DU English //756. [NHP-BC]
VIETNAM My Van, Voice of Vietnam 1. OCT 6 1359 – Although NHK1 generally dominated the channel, at this time, distinctive Vietnamese chimes were heard poorly; thanks to Bruce Portzer for the tip. [NHP-BC]
 +OCT 6 1359 – woman in Vietnamese, then chime IS and pips at ToH (both matching what was heard at 0500 on the Vietnam Kiwi WebSDR receiver). After the pips there was rousing march music. The ID, if any, was too weak to copy, but everything else matches perfectly. [BP-WA]
 +OCT 27 1332 – Easy parallel with Vietnam Kiwi WebSDR on top occasionally sharing with the 5KW pair of NHK1 stations beneath which were playing the same sporting events as 594 et al. [CN-BC]
 +NOV 1 1427 – Good with woman talking Vietnamese? By the time I had the Voice of Vietnam 1 webstream running, this had faded under a Chinese station. Had properly IDed at 1359 with its distinctive chimes, but was weaker then, so a bit tentative at this stronger level without the parallel fair. [NHP-BC]
UnID OCT 3 1340 – faint talk [BP-WA]
 +OCT 3 1400 – weak talk across ToH with no pips. [BP-WA]
 +OCT 25 1236 – A mix of what felt like an open carrier or station with very low modulation – Live Korean WebSDR stream indicated the same thing with very quiet music and mumbly talk. [CN-BC]
- 680t **ALASKA** KBRW, Barrow. OCT 25 1430 – Highly tentative. Low modulation, but the same male announcer went on for over 10 minutes. No ads or music, just the same monotone. Just seems so unlike KNBR or other big city broadcaster, and much more like the small Alaskan AM operations. Still, only a maybe! [WS-BC]
- 684 **CHINA** Dongfang, Hainan, CRI. OCT 6 1400 – weak CRI chime/trumpet fanfare partially buried in CBU splash. [BP-WA]
UnID OCT 3 1347 – weak music. [BP-WA]
- 693 **JAPAN** JOAB, Tokyo, NHK2. SEP 16 1300 – bits of talk, time pips, poor w/much CBU splash. [BP-WA]
 +SEP 17 1310 – fair signal with man in Japanese. Good signal 1319. [DV-WA]
 +SEP 20 1310 – fair English lesson //774. [BP-WA]
 +SEP 20 1324 – Peaking to excellent level, Chinese lessons. [NHP-BC]
 +SEP 25 1315 – Chinese lesson good in CBU splash. [BP-WA]
 +SEP 26 1331 – Chinese lesson good. [BP-WA]
 +OCT 3 1313 – Japanese male talk, sounded like a school lecture, not a language lesson. [BP-WA]
 +OCT 22 1356 – fair with woman in Japanese. //774. [DV-WA]
 +OCT 25 1428 – Strong reception if not for CBU Vancouver on 690. Best at 1431 with English lessons. Better again at 1441. [WS-BC]
 +OCT 30 1235 – More English lessons. S6 signal. Clip available at <https://youtu.be/Er7qoMjylws>. [TR-IA]
 +NOV 8 1400 – loud with time pips and start of English lesson, almost the same strength as CBU! [BP-WA]
 +APR 6 1307 – Excellent with language lessons actually drowning out the CBU-690 splatter at times. [NHP-BC]
- 700 **ALASKA** KBYR, Anchorage. OCT 6 1400 – loud, local ad, "AM 700 KBYR Anchorage" ID, into ABC news. [BP-WA]
 +OCT 25 1430 – Took me a while to pull out the ID, but there it was right at 1430 with the call letters. Had I kept listening, I would have realized that it came in much stronger with many references to the upcoming Alaskan gubernatorial elections. Good level. Then local Anchorage ads. Later at 1440 the frequency was taken over by KGRV in Winston OR with religious programming. [WS-BC]
- 702 **AUSTRALIA** 2BL, Sydney. SEP 22 1331 – piano music, female vocal, excellent strength //612. [NHP-BC]
 +OCT 21 1414 – excellent with man and woman talking about crusades //738. [NHP-BC]
CHINA/DPR KOREA various. OCT 27 1253 – A solid stretch of even tempered Korean female talking with Chinese speaking underneath – a few possibilities. [CN-BC]
- 702 **JAPAN** JOKD/JOFB, Kitami/Hiroshima, NHK2. SEP 23 1343 – Good w/man in Japanese //774. [NHP-BC]

- +SEP 24 1309 – woman //693, weak with much KIRO splatter. [BP-WA]
 +SEP 25 1308 – Chinese lesson poor in KIRO splat. [BP-WA]
 +OCT 25 1438 – Almost good reception with English lessons on NHK2, //774, etc. At 1430, I may have been hearing a Chinese station, instead, though (very weak). [WS-BC]
 +NOV 9 1501 – Suddenly excellent, out of the blue, stronger than //774 for a minute or so; man in Japanese. (More likely Kitami?) [NHP-BC]
 +FEB 28 1451 – Fair with man and woman //774 (more likely Kitami?). [NHP-BC]
 +APR 23 1233 – Fair with woman talking //774. [NHP-BC]
 UnID NOV 3 1237 – on the R75, two carriers making a 1 Hz beat, so that doesn't fit for 2BL NSW and Magic NZ, 3 or 6 Hz apart. MWoffsets doesn't offer something likely 1 Hz away from 2BL. [GH-OK]
- 711 **REP KOREA** HLKA, Seoul. SEP 25 1335 – Good w/man in Korean. [NHP-BC]
 +OCT 24 1430 – Good, peaking with piano music after woman in Korean; //864. [NHP-BC]
 +OCT 27 1403 – Quite rare "in the clear" passages with measured Korean dialog by man and woman – normally clobbered by KIRO in Seattle – this was a classic case of TPs win. [CN-BC]
 +OCT 25 1429 – Actually good reception at 1429, despite major splatter from KIRO in Seattle, but holding its own through the BOH. And yes, //864 as mentioned by Nick Hall-Patch (but stronger). [WS-BC]
 +MAR 28 1337 – Fair with female vocal //864 on Korea Kiwi SDR. It was weaker at 1300, but pretty sure that HLKA call ID by woman had been heard then. [NHP-BC]
 +APR 4 1315 – Poor with man talking, //864. [NHP-BC]
 UnID OCT 24 1350 – Sounded Korean but was not standing out that much. [CN-BC]
- 720 **ALASKA** KOTZ, Kotzebue. OCT 12 0435-0440 – weak but alone, matching special programming scheduled as per their Facebook page: NPR-style female host interviewing male speaker on religious topics. First Alaskan on first DX through North basement window; South window was just RFI on 720. [JP-AB]
 +OCT 22, 23 24, 1435-50 – after definite fade-out of KDWN, there was a long, NPR-like interview, consistent with PAL Log listing of NPR network for KOTZ. Unfortunately, my sunrise was too advanced by TOH, so no ID possible yet, but it's got 10kw and an over-water path to me, plus the 525 beacon shows that the appropriate propagation is there. Hopefully I'll get a positive ID as my sunrise gets later. [AWP-CA]
 +OCT 26, 1505, gave it another try, but, unfortunately, KDWN is hanging in there, and KFIR went to day power sooner today than earlier in the week, so the competition is severe, but under these 2, I'm hearing soft music that could be KOTZ. Still no explicit ID, but not much else is possible. My sunrise wiped everything out by 1515. [AWP-CA]
 CHINA various, CNR. OCT 6 1400 – 5+1 pips weak mixing w/faint domestic (probably KFIR). Possible march music just before ToH. [BP-WA]
 +NOV 4 1424 – woman talking formal Chinese – pretty much non-stop – was spot on frequency as there was a domestic below it and no sign of any SAH greater than a few Hz. [CN-BC]
 DPR KOREA Pyongyang, KCBS. OCT 27 1255 Korean woman talking through a layer of mud – haven't pulled out any audio on this channel in a few years. [CN-BC]
- 729 **JAPAN** JOCK, Nagoya, NHK1. SEP 20 1329 – Poor w/woman talking //594. [NHP-BC]
 +SEP 24 1319 – man and woman //567 poor in 730 splash. [BP-WA]
 +OCT 3 1259 woman in Japanese //594, pips at ToH. [BP-WA]
 +NOV 8 1416 – new-age type music, then Japanese woman fair in CHMJ splash. [BP-WA]
 UnID SEP 20 1259 – bits of music just before ToH, had a Chinese flavor to it, not //594. [BP-WA]
 +SEP 25 1337 – vocal music fair in 730 splash, not //594 so possibly China. [BP-WA]
 +SEP 26 1337 – love ballad type song in 730 splash, probably China, not //594-Japan. [BP-WA]
- 738 **CHINA** various. OCT 24 1351 – Solid Chinese talk in the ravaging splash from 730 Vancouver. [CN-BC]
 REP KOREA HLKG, Gyeongsan. OCT 6 1351 – poor w/man talking //711; new at home. [NHP-BC]
 +DEC 17 1534 – Fair with man talking //864. [NHP-BC]
 REP KOREA/TAIWAN OCT 3 1339 – male talk mixing with group vocal song, Korean talk dominant 1345, 3+1 pips then weak news in Korean. [BP-WA]
- 738p **TAIWAN** Baisha, BEL2. SEP 20 1303 – woman in Chinese fair. [BP-WA]
 +SEP 23 1336 – Fair w/man talking //1143. [NHP-BC]
 +SEP 24 1315 – fair woman in rapid Chinese, quite good 1332. [BP-WA]
 +SEP 25 1310 – Chinese talk. [BP-WA]
 +SEP 26 1318 – fair Chinese talk. [BP-WA]
 +OCT 5 1400 – good w/jazz trumpet, woman in Chinese, //1143; 3 and 1 pips lower pitched and longer than NHKs. [NHP-BC]
 +OCT 18 1423 – good with woman in Chinese; IDed 1425 //1143. [NHP-BC]
 +OCT 25 1428 – Fair reception at 1428, but with another co-channel. Lots of 730 splatter. //1143 (which is much stronger). But got a lot stronger with EZL Chinese vocals at 1433 (and 1143 wasn't so strong then). Definitely // at 1438 when both frequencies well heard. [WS-BC]
 +NOV 8 1439 – woman in Chinese good //1143. [BP-WA]
 +JAN 1 1528 – Excellent with man in Chinese //1143. Unusually strong for this one. [NHP-BC]
 +MAR 17 1410 – Good with woman talking Chinese. Was //1143 a few minutes later.
 +MAR 28 1332 – man in Chinese to another man on phone; //1143 at 1334 as signal faded down. [NHP-BC]
- 747 **AUSTRALIA** 4QS, Toowoomba, ABC. OCT 21 1430 – good with man talking //738 and 774. [NHP-BC]
JAPAN JOIB, Sapporo. NHK2. SEP 16 1301 – good w/English lesson //774. [BP-WA]
 +SEP 20 1308 – fair English lesson //774. Chinese lesson 1319 fair. [BP-WA]
 +SEP 24 1300 – ending English lesson, then 3+1 pips and start of Chinese lesson good, quite loud by 1303. [BP-WA]
 +SEP 25 1311 – Chinese lesson quite good. [BP-WA]
 +SEP 26 1325 – Chinese lessons good. Still good 1357 with Portuguese news //774. [BP-WA]
 +OCT 3 1341 – fair Chinese lesson //774. [BP-WA]
 +OCT 22 1357 – fair with splatter. Man in Japanese. [DV-WA]
 +OCT 27 1330 – and various passes, over the top strength w/NHK2 programming. [CN-BC]
 +OCT 25 1434 – Excellent, almost local reception with English lesson. //other NHK2 outlets, like 774. [WS-BC]
 +OCT 30 1242 – English language lesson program with male and female announcers. Signal peaked at local sunrise to fair level and could easily ID program content, strongest signal yet at my location. Received on Terminated Delta antenna aimed at 40 degrees toward Europe. [MB-TX]
 +NOV 8 1400 – time pips and English lesson good //693. [BP-WA]
 +NOV 30 1540 – sign off, fair w/National Anthem and music box IS. [BP-WA]
- 750 **ALASKA** KFQD, Anchorage. OCT 25 1427 – Excellent reception with time check and temperature at 1428. ID as well. Local S9+20 to 30 reception! An impressive morning, indeed! [WS-BC]
- 756 **CHINA** CNR1, various. SEP 16 1300:30 – mumbled ID and theme music, 1301 Chinese talk weak. [BP-WA]
 +OCT 3 1328 – weak talk //945. [BP-WA]
 +OCT 6 1348 – fair w/echoey music //639. [NHP-BC]
 +OCT 6 1354 – quite good today, male talk //1098 etc. [BP-WA]
 +OCT 24 1351 – All Chinese talking. [CN-BC]
 +OCT 25 1430 – Only a tentative logging. Just before 1430, the channel has the 'CNR1 sound'. Too weak to be sure. Suffering from Anchorage splatter on 750! Improved by 1432, and almost certainly //639 (at excellent level!) [WS-BC]
 +OCT 27 1302 – Very powerful signal this morning with Chinese male news reader. [CN-BC]
 +OCT 27 1426 – Excellent with man in Chinese, echoey and slightly offset from //639. [NHP-BC]
 +NOV 1 1349 – Chinese man at very good levels. [CN-BC]
 +NOV 3 1424 – w/male talk //945. [BP-WA]
 +NOV 8 1402 – Chinese talk //981 fair. [BP-WA]
- NEW ZEALAND** Auckland, Radio New Zealand National. APR 23 1254 – Fair with woman in DU English //675. [NHP-BC]
- 765t **CHINA** CNR synchros. OCT 27 1303 – Very curious to see if anyone else got anything here – seemed Chinese speaking – but low on the modulation – one of the few medium wave channels left with Eastern Russia on medium-wave – always watching here. [CN-BC]

- UnID** OCT 24 1352 – Seemed Chinese but had competition – more Korean sounding. [CN-BC]
- 774 **AUSTRALIA** 3LO, Melbourne. OCT 21 1426 – excellent with man and woman //612. [NHP-BC]
 +APR 21 1250 – Poor with man talking, way under JOUB mostly, but parallel with 594... roughly, because of time offset, but under a second. [NHP-BC]
JAPAN JOUB, Akita, NHK2. SEP 16 1301 – good with language lesson "defrost the meat in the microwave oven." [BP-WA]
 +SEP 17 1304 – fair signal woman in Japanese. Good signal 1320. [DV-WA]
 +SEP 20 1308 – good but splashy with English lesson about customer database software. [BP-WA]
 +SEP 21 1200 – I am interrupting a 9-kHz bandscan (see UnID) just in time to hear the NHK top-of-hour final prolonged timesignal chime, from 500 kW NHK2, JOUB, Akita, on the NW coast of Honshu, but remains the #1 MW TP signal here, and despite splash from nearby 780 KSPI Stillwater, worsened since that flipped to music format. Along with 693, 747 and 828, other superpower NHKs, 774 stronger than other carriers thruout my monitoring span today between 1150 and 1215. [GH-OK]
 +SEP 24 1300 – pips, then Chinese lesson fair-good, fair. 1400 w/time pips and start of English lesson. [BP-WA]
 +SEP 25 1309 – Chinese lesson good. [BP-WA]
 +SEP 26 1311 – Chinese lesson good. Still good w/news in Portuguese 1357, mention of "NHK World" 1359, then music fill to ToH, 3+1 pips 1400, then start of English lesson. [BP-WA]
 +OCT 3 1313 – strong talk //693. [BP-WA]
 +OCT 22 1356 – good with woman in Japanese. [DV-WA]
 +OCT 25 1440 – Perhaps not as strong as it often is, but still more than ample signal with NHK2 programming, and right through my SDR window of about 20 minutes. [WS-BC]
 +OCT 27 1335 – NHK2 programming – and loud. [CN-BC]
 +OCT 30 1050 – A Halloween themed English lesson, peaking at over an S8. //693. Clips are available at <https://youtu.be/QOfVVDXwypU> and <https://youtu.be/fITMaUhyTms>. [TR-IA]
 +NOV 4 1425 – Network programming on top with Chinese woman underneath – NOT CNR1 as compared to 639 KHz [CN-BC]
 +NOV 8 1403 – good w/English lesson about a family car trip to the autumn festival //693. [BP-WA]
 +NOV 9 1238 – via DX-398 with internal antenna only, NHK2 with enough audio to hear English lesson with Japanese mixed –our #1 TP signal, 500 kW JOUB. [GH-OK]
 +NOV 21 0932 – good signal with English lessons. [DV-WA]
 +DEC 17 1400 – Poor with usual NHK time pips. Relog. [TRH-CA]
- 780t **ALASKA** KNOM, Nome. OCT 25 1430 – Not sure whether them or not, but for the entire 15 or so minutes audible, non-stop music with no announcements. Kind of fits the Alaska profile of unattended overnight transmissions. Fair reception. [WS-BC]
- 783t **CHINA** Guangxi Zhuang Guangxi Weixing guangbo. OCT 25 1428 – Briefly heard Chinese here about 1428, before fading out. [WS-BC]
CHINA? NOV 3 1416 – Woman in Chinese weak. [BP-WA]
CHINA UnID OCT 3 1337 – woman and man talking fair-poor. [BP-WA]
- 792 **AUSTRALIA** 4RN, Brisbane, ABC National. SEP 22 1336 – Good w/woman in DU English //576. [NHP-BC]
 +OCT 25 1430 – Not much DU activity this morning, but there's 4RN breaking through the adjacent splatter from nearby Bellingham at fair level (would be good otherwise) improving after 1430. Talk show of some sort. [WS-BC]
UnIDs OCT 6 1359 – sounded like two stations one with a woman and the other with a man, both weak. SDR display showed two carriers, one slightly high and the other slightly low. Burst of KGM1 splash wiped out time pips (if any) at ToH. Music noted after 1400. [BP-WA]
- 801t **CHINA** CNR/CRI. OCT 27 1305 – female Chinese commentary – but had company co-channel. [CN-BC]
DPR KOREA Hwadae, Pyongyang Bangsong. OCT 25 1308 – Strident sabre rattling martial harangue by Korean woman. [CN-BC]
UnID SEP 24 1332 – woman talking poor, sounded Chinese. [BP-WA]
 +SEP 26 1346 – woman in Chinese poor, almost fair, heard briefly. [BP-WA]
 +OCT 6 1338 – bits of audio in 800 splash, couldn't tell the content. There was also a loud buzz. SDR display showed a dominant on-channel carrier plus several weaker ones above and below 801. [BP-WA]
 +OCT 25 0359 – A reasonably strong carrier, apparently on 801.000, but there's another wobbly carrier, first measured on 800.817, and then drifting to 800.740. Perhaps North Korea. Is it just an OC or severely undermodulated transmitter? Strong enough that I should hear something! By 1435, that wobbly carrier seems to be gone, leaving 801.000 in the clear, but still unable to make out anything. The wobbler is back a few minutes later, though. [WS-BC]
- 810 **CHINA UnID** OCT 6 1357 – bits of Chinese talk surfacing amid a weak jumble of stuff, 1359:45 distinctive chime melody then 5+1 pips at ToH. Then various announcements that sounded like ads, mostly weak over faint remnants of KGO and KTBI, also a prominent buzz from something off-frequency. [BP-WA]
- 819 **DPR KOREA** Pyongyang, KCBS. SEP 16 1301 – a few syllables of talk when KGNW splash relented. [BP-WA]
 +SEP 20 1302 – emphatic talk fair in KGNW splash. [BP-WA]
 +SEP 24 1300 – announcement by woman, 3+1 pips at ToH, then man talking fair-poor in KGNW splash. [BP-WA]
 +SEP 25 1308 – weak emphatic talk mostly buried in KGNW splash, much better 1314 woman singing w/orchestral backing. [BP-WA]
 +SEP 26 1335 – very poor today with bits of music in KGNW splash. [BP-WA]
 +OCT 3 1345 – talk poor in KGNW splash. [BP-WA]
 +OCT 6 1400 – good w/woman in Korean quite distorted, then stringed music. [NHP-BC]
 +OCT 24 1353 – Solidly Korean with chorale music and a strident female Korean speaker. [CN-BC]
 +OCT 25 1215 – at absurd levels on the N Flag. [CN-BC]
 +OCT 25 1309 – on top with no less than 2 others below. [CN-BC]
 +OCT 25 1416 – Excellent with orchestral music shaking the rafters 1, http://www3.telus.net/public/shallpat/4all/819_20181026_1416.wav. [NHP-BC]
 +OCT 25 1428 – Pretty typical North Korean large strident choir singing the praises to their dear leader, I'm sure. Plenty of Seattle splatter 1 kHz up, though. Almost good at times. By 1435, the signal was almost as strong as Seattle! [WS-BC]
 +OCT 27 1307 and various passes – The DPRK was winning the battle of the Korean chick bands this morning with markedly less dreamy David Lynchian organ solos and more "We will, we will, farm you...." Queen meets Farm girl electro-pop. [CN-BC]
 +NOV 3 1403 – Big female Korean chat with crazy Hell-choir music. [CN-BC]
 +NOV 30 1400 – 3+1 pips, woman in Korean, then music (orchestra and female soprano). The carrier was cutting through KGNW splash quite well but modulation was a bit shallow. [BP-WA]
 +DEC 2 1517 – Good with orchestral music //873. [NHP-BC]
- 828 **JAPAN** JONK, Nagano, NHK1. DEC 17 1510 – Poor with interlude music //1503; new here. [NHP-BC]
AUSTRALIA 3GI, Sale. OCT 21 1412 – excellent with woman and man talking //738. [NHP-BC]
CHINA/JAPAN Heilongjiang 10 kw + JOBB. OCT 27 1337 – Good but not stunning reception from Japan this morning BUT an incessant nagging from a Chinese speaker underneath. Today was an epic day – how does one improve on this? [CN-BC]
JAPAN JOBB, Osaka, NHK2. SEP 16 1301 – good w/English lesson //774. [BP-WA]
 +SEP 17 1305 – weak //JOUB 774. Good signal at 1321. [DV-WA]
 +SEP 20 1321 – Chinese lesson fair. [BP-WA]
 +SEP 24 1302 – Chinese lesson fair-good. [BP-WA]
 +SEP 25 1309 – Chinese lesson good. [BP-WA]
 +SEP 26 1311 – Chinese lesson good. [BP-WA]
 +OCT 3 1316 – strong w/Chinese lesson, sounded like basic pronunciation: "aah", "mah" etc. [BP-WA]
 +OCT 4 1353 – JOQK fair w/woman in Japanese //594. [NHP-BC]
 +OCT 22 1358 – fair with woman in Japanese. 3 pips 1 tone 1400. [DV-WA]
 +OCT 25 1426 – Good reception with English lesson. Improving by the BOH. I don't think the Japanese are as strong compared to the mainland Asians today. Good reception mostly, though. [WS-BC]
 +NOV 8 1404 – English lesson //693. [BP-WA]
 +NOV 21 0934 – good signal with English lessons. [DV-WA]

- 830 **ALASKA** KSDP, Sand Point. OCT 25 1435 – Another regular into Masset, but not so common down here. Good reception with NPR programming (?BBC, as the announcer has a UK accent), reporting about Riyadh, and //670. Faded in after 1430. Pretty strong within a few minutes. [WS-BC]
- 837t **CHINA** Harbin, RGD. OCT 6 1359 – pop vocal continued across ToH, 1400:15 5+1time pips, then ID with lush orchestral backing, too weak to understand. Possibly Harbin, based on past experience. [BP-WA]
- t +OCT 25 1426 – I'm hearing 2 stations co-channel at this time. The stronger is definitely a Chinese speaker, possibly Harbin RGD with 50 kW. The co-channel is a bit too weak to hear. Reception is fair to good. By 1430, the co-channel is a bit stronger, and sure sounds either Japanese or Korean, and especially by 1441. [WS-BC]
- t +OCT 27 1338 – a veritable Cobb salad this morning along with 846 – Chinese speaking back and forth between woman and man at poor to fair levels and totally not alone on the Channel. [CN-BC]
- t +NOV 1 1350 – Very good with man chatting away in strident Chinese. [CN-BC]
- t +NOV 3 1420 – while there was nothing here a mere 15 minutes earlier, this station started to soar as we approached LSR with cheerful Chinese pops – very good levels. [CN-BC]
- CHINA** UnID. SEP 16 1300 – 5+1 pips, woman in Chinese, too weak to ID. [BP-WA]
- +SEP 26 1349 – Chinese talk fair-poor. [BP-WA]
- +NOV 3 1200 – Female talk across ToH, 5+1 pips ending 1200:20, then possible ID but too weak to understand. Probably Harbin. [BP-WA]
- JAPAN** JOQK, Niigata, NHK1. SEP 23 1338 – Fair w/man in Japanese //594. [NHP-BC]
- +OCT 4 1353 – JOQK fair w/woman in Japanese //594. [NHP-BC]
- +NOV 8 1359 – woman //594 then music, pips at ToH, weak. [BP-WA]
- UnID** SEP 24 1312 – male talk fair-poor possibly Korean, not Chinese or Japanese, weak Chinese woman in background. [BP-WA]
- 846 **AUSTRALIA** 2RN, Canberra. OCT 21 1407 – good with woman talking //576. [NHP-BC]
- JAPAN** NHK1 synchros. APR 4 1312 – Poor with woman talking //594. [NHP-BC]
- UnID** SEP 26 1339 – woman talking, couldn't ID language. [BP-WA]
- +OCT 25 1449 – A reasonably strong carrier, but low modulation. I'm guessing either China or Taiwan on this one from the tone of the language. Only tentative, though! [WS-BC]
- +OCT 27 1339 – Near graveyard conditions with 3 to 4 stations competing for ground – but only hints of language. [CN-BC]
- 850 **ALASKA** KICY, Nome. OCT 6 1305-1400 – clear religious sermon in English to BOH, then "Music in the Night" program to TOH. Solid signal at times, alternating with Spanish from assumed Chihuahua. Amazingly free of expected QRM from KOA. Missed ID at 1300 and too weak by 1400 for ID, but who else could it be? Sent Email report to generalmanager@kicy.org gleaned from website. Listened again on OCT 8 around 1300 hoping for ID, but KOA dominating. Was KOA off on the 6th? First MW Alaskan for me in years; I'll take it! [AWP-CA]
- +OCT 25 1431 – Good reception, but interesting propagation with continuous fade ups, then fading away, only to come back again (and again). Way over co-channel lower 48 US station at 1442 with a Sermon. Near local quality at times. [WS-BC]
- t +DEC 17 0703 – Faded up under KOA (which is barely audible on this SSE/NNW antenna) after XEMIA faded out. Man who sounded like a pastor gave the history of "Away in a Manger" then played the song. This was almost surely KICY running the "Songs in the Night" program from Moody Radio. Nome is almost exactly on the main beam of this antenna (332 degrees vs. 341 degrees antenna angle) and half of it is water path. KHHO is conservative talk and sports, so have to think this was needed KICY. I have sent an Email to Moody Radio inquiring about the content of "Songs in the Night" that weekend, to see if it matches what I heard. [TRH-CA]
- +JAN 3 0558 – Weak but very listenable at times mixing with KOA, //web. Local college student Jason gave an ID about 45 seconds after the top of the hour, then they aired less than a minute and a half of an SRN newscast, and returned to start the third hour of their locally-produced music program: "Welcome to another edition of SingSpiration. I'm Bertha Koweluk. Thanks for joining us as we bring you music recorded by your friends, neighbors and relatives right here in Western Alaska." 2987 miles. New, AK #2, the other being KBBI-890 over 30 years ago! Station #1454 from home. Email verie already received. [TRH-CA]
- +JAN 4 0558 – Even better signal tonight, actually stomping all over KOA for several minutes at a time. Tonight they ran a full 5-minute SRN newscast (including network ads) at the top of the hour, then returned to the "Singspiration" program at 0605 (about 3 minutes later than last night) with the same introduction as the previous night. I kept recording for another 10 minutes, and the local church music just kept getting stronger and stronger. Anybody who lives along the Pacific coast (or can put a dent in KOA) needs to try for this one when the space weather is favorable. [TRH-CA]
- 855 **CHINA** CNR2 synchros. OCT 27 1340 – and on. Predominantly Chinese speaking on each pass but occasional hints of Korea by female ranter – and notes of North Korean violin Electro-Prop. [CN-BC]
- +OCT 27 1430 – Good with woman talking //1116. [NHP-BC]
- DPR KOREA** Sangwon, Pyongyang Bangsong. SEP 16 1301 – Fair w/man in Korean, snagged a North Korean parallel with 657 at 1318; this had 3 and one pips on the hour, sounding more sluggish than the usual NHK/KBS set. [NHP-BC]
- +OCT 6 1350 – poor w/orchestral music //657, huge carrier. [NHP-BC]
- t +OCT 6 1400 – woman just before ToH, 3+1 pips, then more talk, announcing style typical of DPRK but couldn't get 657 or 819 clear enough to //it. [BP-WA]
- t +OCT 25 1439 – 855 is not what it used to be. I recall this North Korean channel coming in at armchair level morning after morning years ago, but it's a bit anemic of late. Earlier, I was pretty sure it was //657, but later, I'm not so sure. Hence the tentative logging. [WS-BC]
- UnID** SEP 20 1300 – 3+1 pips and weak talk, too weak to ID language, possibly DPRK. [BP-WA]
- 864 **CHINA/REP KOREA** CNR2 + Gangneung, KBS1. OCT 27 1341 – Back and forth between Chinese talk easy //855 and the occasional poppy sounding cheerful Korean coming through. [CN-BC]
- REP KOREA** Hlkr, Gangneung, KBS1. SEP 25 1345 – Good w/man talking //711 which was considerably weaker by now. [NHP-BC]
- +OCT 5 1352 – fair w/woman in Korean, mixing with woman in Japanese, IDed at 1413 when weaker, //711. [NHP-BC]
- +OCT 25 1436 – Good reception at times with Korean banter, then into a brief musical piece, before the same announcer came back. [WS-BC]
- +NOV 21 0936 – fair signal assuming Hlkr with man talking. [DV-WA]
- +APR 4 1315 – Poor with man talking //711. [NHP-BC]
- UnID** OCT 3 1347 – Male talk fair possibly Korean, weak 3+1 pips 1400. [BP-WA]
- +NOV 8 1400 and 1500 – weak talk and 3+1 pips, probably Hlkr. [BP-WA]
- 873 **CHINA/JAPAN** RGD various + JOGB. OCT 27 1342 – Network NHK programming going back and forth with "bang-a-clang" Chinese opera snippets. I almost regret not having tape, digital or SDR file captures of some of this – almost verging on epic conditions. [CN-BC]
- JAPAN** JOGB, Kumamoto, NHK2. OCT 25 1317 – //774 with Chinese lessons. [CN-BC]
- +OCT 25 1441 – Finally, some audio by 1441, but obliterated mostly by serious splatter from 880 KIXI Seattle. Poor to fair only. [WS-BC]
- +DEC 17 1400 – Very weak with NHK time pips. Relog. [TRH-CA]
- 890 **ALASKA** KBBI, Homer. OCT 25 1429 – Excellent reception into NPR news after a local ID. Very nice! Another favourite in Masset. [WS-BC]
- 891 **CHINA UnID** OCT 6 1401 – rapid Chinese talk dominant. [BP-WA]
- JAPAN** JOHK, Sendai, NHK1. SEP 24 1354 – Good w/Japanese pop music //594. [NHP-BC]
- +OCT 3 1402 – Japanese woman fair //594, male talk in background probably Korea. [BP-WA]
- +OCT 25 1431 – Very good reception at 1431 clearly //594, but quickly faded down. [WS-BC]
- +OCT 27 1342 – A jumble of Korean and Japanese – Usually one of the channels with the biggest pitched struggles going on – Korea and others fighting it out and competing with the domestic onslaught on 890. [CN-BC]
- 900 **CHINA** Heilongjiang RGD Xinwen Guangbo synchros. OCT 6 1400 – poor but a definite parallel with 621 from 1358 to 1404, with music and talk, and the pips lining up nicely on the hour. Actual ID, perhaps not so easy. [NHP-BC]
- +OCT 7 1400 – poor with Chinese pips on the hour. A doorbell sound at 1401 was also heard parallel to 621. Not too much bother from the ESPN pair on the channel. [NHP-BC]
- +NOV 4 1453 – Poor with music //621. [NHP-BC]
- +DEC 17 1519 – Poor with easy listing //621, sneaking past domestic sports broadcast. [NHP-BC]
- CHINA UnID** OCT 6 1400 – weak 5+1 pips u/KKRT. [BP-WA]
- +NOV 1 1400 – A series of pips at the top of the hour under the Canadian domestic. [CN-BC]
- UnID** SEP 16 1300 – 5+1 pips mixing w/domestic, too weak to hear any talk. [BP-WA]
- 909 **JAPAN** JOCB, Nagoya, NHK2. SEP 20 1335 – Poor w/man talking //828. [NHP-BC]
- +OCT 19 1420 – fair with man and woman talking //774. [NHP-BC]

- +NHK2. NOV 9 1511 – Poor with man talking //828. [NHP-BC]
NEW ZEALAND Napier, 'Star'. OCT 15 1405 – good strength, breaking the Asian stranglehold with sports and weather reports //657. [NHP-BC]
- 918 **CHINA** Jinan, Shandong RGD News Channel. OCT 6 1345 – male talk in Chinese good at times, 1359 ad or promo by man and woman, Shandong mentioned just before 5+1 pips 1400, then clear "Shandong Renmin Guangbo Dientai" ID. [BP-WA]
 +OCT 27 1308 – Chinese man talk competing with some aggressive slop from 920 – but consistently holding its own during the morning session. [CN-BC]
 +OCT 27 1436 – Excellent with man in Chinese, then became echoey; assumed Shandong. [NHP-BC]
- t
 t +DEC 7 1555 – Fair with woman and man talking Chinese; some echo, then into music followed by more woman talking as it faded, while I dug up a South Korean KiwiSDR. The woman talking on 1548 //918 on the Korean SDR sounded like what I was now hearing, but with no variety in the programming, it was hard to tell for sure. Shandong seems very likely however. [NHP-BC]
 +DEC 20 1551 – Fair with woman in Chinese //1548 on Korean KiwiSDR. 918 one seems to have a low modulation level, so unusual to hear this one well despite good strength carriers. [NHP-BC]
- CHINA** UnID. SEP 16 1322 – 3 people talking, at least one sounded Chinese, possibly language lesson fair-poor 1255. Also 1322-1330+ similar program, sounded like either a radio drama or language lesson but too weak to ID language. [BP-WA]
 +SEP 20 1302 – woman in Chinese fair, probably Shandong. [BP-WA]
 +SEP 24 1325 – Chinese male fair-poor probably Shandong. [BP-WA]
 +SEP 25 1338 – weak talk. [BP-WA]
 +SEP 26 1328 – male talk poor, Chinese intonations, probably Shandong. Much better (fair) 1342 w/Chinese talk, possibly radio drama, about as strong as 972. [BP-WA]
- JAPAN** JOEF, Yamagata. OCT 3 1407 – poor w/pop music //1332. [NHP-BC]
 t +OCT 25 0534 – At 1428, not at all sounding Chinese, but rather Japanese tentatively, as was very weak. Much improved by 1431:30 with piano music, now over what assume was the Japanese speaker, so perhaps the Shandong RGD now. Good reception there. Unlike Colin's problem with 920, no issue at all for me for the most part. By 1435, most definitely Chinese, and again at 1442. [WS-BC]
- NEW ZEALAND** New Plymouth/Timaru, Radio New Zealand National. OCT 16 1413 – poor with woman talking, //756 and 567. [NHP-BC]
 UnID OCT 3 1335 – still here fair-poor w/multiple voices in Chinese, 1350 still there weakly but inflections sounded closer to Japanese. [BP-WA]
- 930 **ALASKA** KTKN, Ketchikan. OCT 25 1428 – ID at 1428 into an Adelle song. Easily overpowering other co-channels. Good reception. Another nice ID at 1439 into weather. [WS-BC]
- 936p **CHINA** Hefei, Anhui RGD. SEP 16 1300 – weak pips and talk, probably China. [BP-WA]
 p +SEP 26 1319 – Chinese talk poor, probably Anhui. [BP-WA]
 +SEP 26 1340 – Fair w/man talking //webstream <http://www.ahrvtv.cn/am936/> with ~20second delay. [NHP-BC]
 +OCT 24 1356 – Chinese talking. [CN-BC]
 +OCT 27 1309 – Quiet Chinese orchestral music with periodic Chinese man complete with Chinese talking underneath! [CN-BC]
- t +OCT 25 1437 – Faded up nicely out of the blue with vocal music. Presumed Chinese talk by man at 1440. Fair at best, so better leave this a tentative. [WS-BC]
- 945 **CHINA** Jiaohu, CNR1. SEP 16 1300 – weak pips, fair w/operatic singer //98CHI1/756. [BP-WA]
 +SEP 24 1309 – good signal but much KJR splash, woman in Chinese. [BP-WA]
 +SEP 24 1336 – Good with woman in Chinese, big fade up; noted //1098 a minute earlier. [NHP-BC]
 +SEP 25 1324 – Chinese talk //1098 fair. [BP-WA]
 +SEP 26 1329 – poor talk //981. [BP-WA]
 +OCT 3 1313 – Chinese talk weak //1098. [BP-WA]
 +OCT 24 1424 – Excellent with man in Chinese //639. [NHP-BC]
 +OCT 24 – A mess of "Chinese sounding programming..." [CN-BC]
 +OCT 25 1427 – Strong reception in Chinese at good level. Much stronger than //639. A bit of splatter from 950. Not sure whether there is a co-channel, or some music in the background. Fanfare ID at 1430. Faded down somewhat at 1432 revealing someone else. Aha! See my next log! [WS-BC]
 +OCT 27 1310 – Predominant Chinese mail talk with multi-sync echo + some different Chinese programming underneath. The East coast DXers have Spain – we have CNR and RGD! [CN-BC]
 +NOV 7 1502 – Fair with news sounders, man in Chinese; late arrival today, and pretty much the best it managed all week. [NHP-BC]
 +NOV 25 1535 – Excellent with man in Chinese //1593. Best signal on the band this morning. [NHP-BC]
 +APR 22 1232 – Poor with man talking, (somewhat)//981, though with over one second delay. [NHP-BC]
- 945 **JAPAN** JOIQ, Muroan, NHK1. OCT 25 1433 – This channel is owned by CNR1, but for a minute before the positive ID, CNR1 faded revealing someone else, who then went into a piano piece. Yes! //594, so this is a very 2nd tier NHK1 station of which 4 are listed at 1, 3 and 5 kW. I chose the closest and most powerful on Hokkaido as the probable. I'm pleased! [WS-BC]
JAPAN NHK1 synchros. OCT 4 1328 – poor w/man talking //594 mixing with China? [NHP-BC]
 +FEB 28 1453 – Poor with woman talking //594; pretty weak, but definitely parallel; likely JOIQ Muroan? Judging by northerly locations of most other Japanese heard, so pretty fair DX. [NHP-BC]
- 954 **JAPAN** JOKR, Tokyo, TBS. SEP 17 1326 – Excellent w/man in Japanese peaking at this time; also 26 Sept, Japanese man.
 +SEP 25 1328 – Japanese talk, good signal but much KJR splash. [BP-WA]
 +OCT 3 1331 – Japanese woman poor in heavy KJR splat. [BP-WA]
 +OCT 24 1358 – Japanese. [CN-BC]
 +OCT 25 1426 – More splatter from 950 making this one a bit more of a challenge. Lots of Japanese chatter, and especially good at 1436. [WS-BC]
 +OCT 27 1312-various – reliable as gravity on this channel this morning – with no one else shoulder-butting in that I could detect. Coping well with 950 Seattle slop. [CN-BC]
 +MAR 2 1447 – Good with two men in Japanese peaking briefly, one of the better signals today. [NHP-BC]
- 963 **CHINA** Huaduan, CRI. SEP 16 1320 – fair woman and man in Russian, then female song //1323. [BP-WA]
 +SEP 20 1328 – Woman talking, weak, probably CRI Russian. [BP-WA]
 +SEP 24 1310 – good woman in Russian. [BP-WA]
 +SEP 25 1334 – woman in Russian //1323 good. [BP-WA]
 +SEP 26 1337 – weak music //1323. [BP-WA]
 +SEP 27 1334 – Almost martial choral vocal //1323, good strength. [NHP-BC]
 +OCT 3 1340 – man in Russian fair. [BP-WA]
 +OCT 6 1358 – excellent w/lead in music CRI chimes and fanfare. [NHP-BC]
 +OCT 24 1359 – Solid Russian during a foreign service. [CN-BC]
 +OCT 25 1426 – Good to almost very good reception of CRI's Russian service. //1323 mostly not as strong. [WS-BC]
 +OCT 27 1314 – various passes, at completely stinky hot levels with smooth Russian banter – one of the few spots on the dial where you can hear Russian //1323. [CN-BC]
 +NOV 1 1352 – Russian speaking at very good levels. [CN-BC]
 +NOV 8 1400 – weak signature tune. [BP-WA]
 +MAR 31 1333 – Poor with ballad //1323. This one had been off the air for a couple of months, but back early in 2019? [NHP-BC]
- 972t **CHINA** Heilongjiang. NOV 3 1422 – OK, for starters, HLSA utterly monopolizes this channel with complete authority – however, during one or two fades it became apparent that there was someone else present with pretty clear Chinese female talk – definitely NOT parallel to 639 and slightly less formal sounding. Within a minute, Korea returned to crush this interloper. So: Note to other signal chasers. Check this channel out occasionally. [CN-BC]
REP KOREA HLCA, Dangjin. SEP 16 1259:45 – station announcement by woman, 1300 pips, then start of next program, good w/unid talk (Chinese?) in background. [BP-WA]
 +SEP 17 1255 – weak with KUFO splatter. Man in Korean? [DV-WA]
 +SEP 20 1300 – 3+1 pips and start of program fair-good. [BP-WA]
 +SEP 24 1309 – good w/the usual variety show. ToH announcements and pips, then start of next program 1400 still good-fair after everyone else faded down. [BP-WA]
 +SEP 25 1306 – good with discussion in Korean. [BP-WA]

- +SEP 26 1314 – conversation in Korean good. [BP-WA]
+OCT 3 1331 – Korean conversation good, huge signal w/Korean male talk 1350. [BP-WA]
+OCT 22 1401 – good with man in Korean. Followed by singing. [DV-WA]
+OCT 24 – plenty loud and easily audible on a nearby Eton E100! [CN-BC]
+OCT 25 1436 – Wow, what a barn burner signal! S9 + 20 at times and equal to domestic 970 which causes a minor amount of splatter. Strongest station on the band up to now. Pretty amazing signal! Korean banter mostly. [WS-BC]
+OCT 27 – Seriously louder than Ted Nugent with gentle Korean ballads and spiritual sounding stuff – still audible beyond 1600 UTC 2 hours AFTER sunrise! Cat scratch fever! [CN-BC]
+NOV 1 1352 – Super loud Korea talk and soft music. [CN-BC]
+NOV 4 1440 – Once again, a punishing signal from Korea but persistent network commentary under by Chinese man. [CN-BC]
+NOV 8 1400 – good w/3+1 pips, then man with Hanminjok Bangsong ID during start of next program. [BP-WA]
+NOV 16 1535 – Excellent with some sort of play? very emotional male Korean speech, with perhaps a murder taking place, judging by the anguished sounds. This was still able to deliver quite a readable signal at 1654, with a man in what turned out to be Japanese. [NHP-BC]
+NOV 21 0940 – fair with woman speaker. KUFO splatter. [DV-WA]
+DEC 17 1400 – Weak with KBS pips, but faded up a minute later with fairly good audio. Relog. [TRH-CA]
UnID OCT 6 1401 – woman talking, sounded like Chinese u/KBS, not strong enough to ID. I also had weak audio u/the NHK stations on 594 693 747 774 and 828 but all were too weak to ID language. [BP-WA]
+NOV 3 1242 – some talk modulation detectable on the DX-398, presumably the bigsig from sesqui-megawatt HLCA of KBS, Korea South; 12 kHz from a local on 960. [GH-OK]
- 981 **CHINA** CNR1 synchros. SEP 16 1307 – operatic female w/orchestral accompaniment good //756/945. [BP-WA]
+SEP 17 1320 – Fair, w/two men in Chinese //945. [NHP-BC]
+SEP 20 1309 – Chinese talk poor in CKNW splash. [BP-WA]
+SEP 24 1310 – man in Chinese //945 fair in CKNW splash. [BP-WA]
+SEP 25 1308 – echoey Chinese talk good-fair in CKNW slash. [BP-WA]
+SEP 26 1330 – Chinese talk fair //945/1098. [BP-WA]
+OCT 25 1443 – Thanks to Colin Newell for getting me to persevere with this channel. Sure enough if I use USB and at 1443, there is some Chinese talk //945 (and 639) cinching the CNR1 log. A real tough catch with 980 CKNW Vancouver so strong! [WS-BC]
+NOV 30 1520 – good with woman in Chinese. [BP-WA]
+APR 20 1231 – Fair with man in Chinese bouncing through during a lighter portion of the 980 splatter. [NHP-BC]
- 999t **CHINA** RGD/JGD. NOV 4 1444 – Chinese monologue by man – thanks to the heft of 1000 KOMO, I rarely get anything here – poor at best but definitely not Korean. [CN-BC]
UnID NOV 4 1437 – Poor with man talking, Chinese intonation; operatic singing 1446, not //819, even though it had a North Korean sound to it and was not offset in frequency either, so assume this was the original station. [NHP-BC]
- 1008 **JAPAN** JONR, Osaka, ABC. OCT 24 1402 – Typical commercial Japanese programming. [CN-BC]
UnID OCT 25 1438 – A decent signal, and someone way down in the mud, but never strong enough modulation to ID anything. Best around 1438 and later. So much promise! [WS-BC]
- 1017 **CHINA** Changchun, CRI. OCT 5 1400 – poor w/CRI distinction chimes. [NHP-BC]
+OCT 6 1400 – usual top of hour stuff, chimes and trumpets, IDs in Chinese and Korean fair-poor, I think this was the first audio of the season for this one. [BP-WA]
+OCT 24 1403 – Assuming the Korean programming here most mornings – very loud this one. [CN-BC]
+OCT 25 1426 – Most likely CRI in Korean, as pointed out by Nick Hall-Patch (thanks!) at fair to good level. I thought I weakly heard JOLB underneath, but soon faded away. All talk until 1439 when there was some vocal music. Look for //5965 here (and 1323, although the latter is usually CRI in Russian. [WS-BC]
- t +NOV 4 1445 – A noticeably less former back and forth woman/man banter in Chinese with spontaneous "chung chang guangbò dientai..." [sorry, was not recording this – another habit I'll need to restore...] – almost sounded light hearted (which is not CNR1!) [CN-BC]
+DEC 18 1539 – Poor with man talking //1323 on Korean KiwiSDR, only about one second delay. [NHP-BC]
+APR 8 1310 – Fair with woman and man in Korean; no shortwave // available. [NHP-BC]
UnID SEP 26 1335 – weak operatic-like vocal music, probably CRI Korean service. [BP-WA]
- 1026t **CHINA** Guyang, Guizhou RGD. OCT 25 1431 – A tentative logging with some Chinese breaking through the major slop. Ouch. Never amounted to anything. Strongest Chinese station listed is his RGD. Who knows, really? Poor. [WS-BC]
+OCT 27 1312 – Chinese talk by man and several passes – no evidence of anything else co-channel. [CN-BC]
- 1035 **CHINA** CRI synchros. OCT 3 1400 – 2 sets of weak time slightly offset, very weak, traces of talk. [BP-WA]
+OCT 27 1313 – female Chinese non-stop talk – fair in co-channel slop. [CN-BC]
UnID SEP 16 1300 – faint partial 3+1 pips, apparently either HLCP or NHK2 (7 sites at 1kw or less). Was expecting CNR1. [BP-WA]
- 1044 **CHINA** Changzhou, CRI. OCT 25 1430 – Japanese programming breaking through the slop briefly. Much improved after 1434, with Japanese being easily recognizable. Almost good level then. [WS-BC]
+OCT 27 1314 – BIG Signal with Japanese woman talking – reliable at a couple of passes – note the absence of any leader board members on 1053 – other a collection of solid carriers. [CN-BC]
+NOV 8 1400 – weak signature tune. [BP-WA]
REP KOREA Andong, MBC. OCT 27 1312 – Korean talking on a couple of passes – at very good levels – as in mornings previous – No sign of any Japanese this AM. [CN-BC]
- 1053 **JAPAN** JOAR, Nagoya, CBC. OCT 6 1349 – likely good w/male Japanese pop vocal; someone else there too. [NHP-BC]
+OCT 20 1400 – poor but pretty sure I heard woman say "CBC rajio" and single long pip. [NHP-BC]
+OCT 24 1404 – Japanese talking in a muddy mix of stations fighting for the channel. [CN-BC]
- 1062t **REP KOREA** HLKQ Cheongju, KBS1. OCT 6 1401 – man with news, sounded Korean so apparently HLKQ. [BP-WA]
+OCT 19 1422 – poor with man talking //864. New here. [NHP-BC]
- 1075 **THAILAND** Ban Phachi, VOA. OCT 22 1409 – fair with woman in Asian language. [DV-WA]
- 1089 **CHINA** Fuzhou, CNR6. SEP 16 1307 – woman in Chinese fair in local KFNQ-1090 splatter, probably Liaoning. [BP-WA]
+OCT 25 1429 – Breaking through the splatter, difficult to hear who's there. Not typical Mandarin, but more like a South East Asian language. I could be wrong, though. Into music at 1432. Almost good at 1434 with EZL female vocal. More talk at 1438 sounding more Chinese after all. [WS-BC]
+NOV 1 1428 – Good with male ballad, then man in Chinese; IDed using webstream. [NHP-BC]
+NOV 4 1435 – Thundering in and largely along on channel with slightly more animated non-Mandarin speaking – I believe there is a parallel on 49 meters – but my pre-SR SW bands are a crap-storm of RFI (a test ALA100 on a different corner of my property revealed a significantly quieter environs... [CN-BC]
- t +NOV 29 1522 – Poor with operatic singing by woman, seemed parallel with very weak 6165, but then covered by NHK2, man talking //774 1523. [NHP-BC]
+DEC 16 1553 – Poor with female choral music //6165, also woman talking 1557 //6165. [NHP-BC]
- JAPAN** JOHB, Sendai, NHK2. OCT 3 1344 – poor w/woman and man talking //774. [NHP-BC]
+OCT 20 1413 – fair with English lessons //774, fading under soft music (CNR6?). [NHP-BC]
+NOV 30 1520 – Good with NHK mention by woman. [NHP-BC]
UnID OCT 6 1335 – music in KFNQ-1090 splash, not //NHK2 so likely a Chinese station. [BP-WA]
- t **VIETNAM** various. OCT 24 1422 – some solidly unique regional Vietnamese music with a lilting woman talker – "seemingly" parallel to 675 – but likely a stretch. [CN-BC]
- 1098 **CHINA** CNR1. SEP 24 1312 – Chinese man //945 fair-poor. [BP-WA]
+SEP 25 1324 – Chinese talk fair-poor //945. [BP-WA]
+SEP 26 1329 – Chinese talk weak //981, fair w/male talk 1338. [BP-WA]
+SEP 26 1338 – Fair w/man talking //945. [NHP-BC]
+OCT 3 1313 – Chinese talk weak //945. [BP-WA]
+OCT 25 1231 – Chinese talk by man at great levels with a mix of other stuff below – but solidly dominating. [CN-BC]

- +OCT 27 1315 – Solid 100% copy of Chinese speaking man – a myriad of possibilities for actual location. [CN-BC]
+OCT 28 1433 – Excellent with man talking //945. [NHP-BC]
- t **CHINA** Golmud, CNR11. OCT 28 1432 – Excellent with man singing acapella, sounded almost Arabic, solid for about a minute, until CNR1 returned, no shortwave parallels available and I've crashed the CNR website. [NHP-BC]
+OCT 31 1215 – Female announcer into music. Signal peaks at an S8. Frequency offset (or lack thereof) matches transmitter at Golmud. Audio archived on the CNR website also matches the Tibetan service. Clip: <https://youtu.be/SKm3uJwxaM>. [TR-IA]
+NOV 2 1435-8 – Poor with melismatic male vocal; couldn't match with webstream which had talk, but //6010 was established, though 6010 was pretty rugged quality. [NHP-BC]
+NOV 3 1441 – probably the one with exotic flute music fair. CNR1 weak in background //945. [BP-WA]
+NOV 23 1539 – Good with woman talking in relaxed fashion before and after distinctive (nose?) flute music //6010 SW. Only readable on north Flag. Suspect this was what was being heard the previous day with no shortwave parallel available. The supposed CNR11 webstream was not parallel to 1098 either day. [NHP-BC]
UnID SEP 16 1312 – female operatic, fair-weak in domestic splatter, sounded similar to the one being aired on CNR1 but not sure if it was //. [BP-WA]
+SEP 20 1316 – weak talk. [BP-WA]
+Taiwan or China? OCT 25 1430 – A definite Chinese speaker here. There may have been a fanfare at 1430, but not entirely sure. Almost fair at times, then faded down to almost nothing. Carrier remained strong, but this might simply be the Marshall Islands. Decent talk again back at 1440 or so. Became quite strong after that, but I stopped recording just before 1443. Note also that Bruce Portzer reports a CNR1 transmitter here as well. Useful for future reference. [WS-BC]
- 1107 **REP KOREA** HLAV, Pohang. OCT 27 1316 – Assuming the lone Korean speaker here – at good levels. [CN-BC]
1116 **AUSTRALIA** 4BC, Brisbane. OCT 25 1441 – Very nice reception at 1429 with a call in show (the woman sounded 2 sheets to the wind). Faded down, but came back nicely after 1437 and again at 1441. Not much other DU activity this morning. [WS-BC]
CHINA CNR various. OCT 24 1415 – Sounded Chinese on several passes. [CN-BC]
+OCT 25 1241 – one of several duking it out this morning – most/all Chinese speaking. [CN-BC]
+OCT 27 1317 – assuming the loudest of 3-4 stations and more Cantonese sounding (I'm slowly learning Mandarin to keep my brain from congealing.) Really good on peaks. [CN-BC]
- t +OCT 27 1318 – snips and quips of standard Chinese through Vancouver slop. [CN-BC]
+NOV 1 1355 – Chinese at very good levels on a single pass. Heard no echo or other competition [CN-BC]
+NOV 3 1434 – Woman in Chinese fair, probably CNR2. [BP-WA]
UnID NOV 8 1443 – male Chinese talk fair, probably CNR2. [BP-WA]
- 1134 **JAPAN** JOQR, Tokyo, NCB. OCT 22 1403 – fair signal with man/woman in Japanese. [DV-WA]
t +OCT 22 1405 – weak, guessing JOBR? Talk. [DV-WA]
REP KOREA HLKC, Kimpo, KBS. SEP 16 1327 – Woman and man in Korean briefly made it to this level 1327, excellent, leveling the splash. [NHP-BC]
+OCT 3 1403 – male talk fair but much domestic splash. [BP-WA]
t +OCT 25 1433 – I'm thinking that what I'm hearing sounds more Korean, but it could also just be JOQR from Tokyo. Getting through the serious slop from 1130 Vancouver at times, but a real tough copy as a result. [WS-BC]
- 1143 **TAIWAN** Baisha, BEL3. SEP 23 1331 – Fair w/man and woman talking //738, sounded almost Hindi, guess Tagalog more likely? [NHP-BC]
+SEP 24 1328 – Chinese talk //738. [BP-WA]
+OCT 3 1408 – weak woman talking //738. [BP-WA]
+OCT 6 1403 – good w/woman Chinese //738. [NHP-BC]
+OCT 25 1427 – Good reception here, although I can hear some weaker co-channel(s). Confirmed by Chris Kadlec as being Chinese with a Taiwanese accent. Thanks, Chris! Faded down, but returned at good level at 1439 until tune-out at 1443. [WS-BC]
+OCT 27 1318 – fascinating slow-jam between the more upbeat sounding Taiwanese service versus the Chang-a-lang opera station over/under – there was a time I would be amazed to get audio from BEL3 – now its audible morning after morning. [CN-BC]
+NOV 8 1439 – woman in Chinese poor //738. [BP-WA]
+MAR 17 1415-16 – Poor with woman talking //738. [NHP-BC]
+APR 15 1254 – Bit of a surprise, man in Chinese //738 (which was considerably weaker). [NHP-BC]
- 1152 **JAPAN** JORP/KOPC, Kochi/Kushiro, NHK2. SEP 21 1352 – Poor, w/woman talking //774, likely Kushiro. [NHP-BC]
+DEC 18 1541 – Poor with music box sign off tune. [NHP-BC]
- t **REP KOREA** HLCW, Wonju. OCT 25 1427 – Pretty strong signal at times, but suffers from major splatter from 1150. Not NHK2. Not Chinese sounding. Seems //711 when I can hear both at the same time without their respective splatters. A tentative logging, though. [WS-BC]
- 1170 **REP KOREA** HLSR, Gimje, KBS Hamminjok Bangsong. OCT 6 1400 – 3+1 pips u/KPUG, not much else if anything. [BP-WA]
+OCT 25 1439 – Good reception, clearly heard under KPUG in Korean. Not aware of anyone domestic that could mimic this one. By 1434 almost equal in strength to KPUG. EZL Korean female vocal. [WS-BC]
+OCT 27 1319 – Lively smooth-romantic Korea ballads – with Chinese sounding announcer well beneath the domestic. [CN-BC]
+NOV 3 1200 – time pips from S Korea, a bit of KBS World Radio opening announcement u/KPUG. [BP-WA]
+NOV 8 1400 – time pips under KPUG. [BP-WA]
- 1179 **CHINA** Hubei RGD. OCT 25 1225 – solid levels with "bang-a-chang" operatic music. [CN-BC]
t +OCT 25 1430 – Briefly heard some piano at fairly good level which in my mind fits better with Hubei than JOOR. A little flimsy for evidence, but that's my guess! [WS-BC]
+NOV 1 1356 – At chunky levels and still audible on Honda Civic car radio when pulling into University of Victoria parking lot at 1455. [CN-BC]
UnID SEP 25 1341 – weak talk in 1180 splash, sounded like Chinese. [BP-WA]
- 1188 **JAPAN** JOKP, Kitami, NHK1. SEP 25 – Fair w/man bellowing in Japanese //594. [NHP-BC]
+OCT 25 1432 – Nice to snag this 2nd (or maybe a 3rd) tier NHK1 outlet at fair, sometimes good level, and //594 and 567 (which made it easy). Improving after tune-in. Female talk in Japanese, into a piano piece. [WS-BC]
+OCT 20 1407 – Poor with man talking //594. [NHP-BC]
- 1206 **CHINA** RGD Yanji. NOV 21 0944 – fair at times in unknown language. [DV-WA]
CHINA Yanbian, PBS. SEP 16 1306 – Korean talk and music fair at best, slightly off-freq (like usual) and somewhat distorted. [BP-WA]
+SEP 20 1308 – Korean talk fair-poor. [BP-WA]
+SEP 24 1313 – woman in Korean, on about 1205.06 nice signal. [BP-WA]
+SEP 25 1325 – Korean talk fair on 1205.95 kHz. [BP-WA]+ SEP 26 1312 – man in Korean fair. [BP-WA]
+OCT 3 1349 – fair woman talking, slightly off-freq like always. [BP-WA]
+OCT 25 1244 – Solid Chinese speaking // Japanese Kiwi WebStream. [CN-BC]
+OCT 27 1320 – Korean talking woman – on numerous passes – was the beginning of the DMZ for worse listening conditions as I tuned upward. That may have changed as I bailed at 1415 UTC. [CN-BC]
+OCT 25 1427 – Good reception with operatic sounding piece with orchestral music on the usual 1205.96 or so. Another station is right on the nominal, but don't hear anyone besides Yanbian (in Korean, as listed). [WS-BC]
+NOV 8 1443 – traditional-sounding song fair, slightly off-frequency like always. [BP-WA]
- 1215 **CHINA** Mudanjiang, Heionjiang, CNR1. OCT 25 1427 – Fair reception at times, and //945. Mostly ruined by the constant splatter from KMIA in Auburn, WA. [WS-BC]
CHINA UnID NOV 30 1500 – weak 5+1 pips and woman in Chinese. [BP-WA]
- 1224 **JAPAN** JOJK, Kanazawa, NHK1. SEP 20 1348 – Poor w/man talking //594. [NHP-BC]
1242 **JAPAN** JOLF, Tokyo. SEP 23 1359 – Fair, w/man in Japanese, cuckoo pips 1400. [NHP-BC]
+SEP 25 1340 – fair-poor woman talking in KKDZ splash. [BP-WA]
- 1251 **CHINA** various. OCT 27 1321 – Strident Chinese man – a very solid signal on numerous passes easily pushing 1250 out of the way. [CN-BC]
UnID OCT 25 1430 – I suspect a Chinese station there. Very weak, but occasionally audible. Too weak to make heads or tails of the station, though. [WS-BC]
- 1269 **JAPAN** JOFM/JOHW, Esashi/Obihiro. DEC 31 1545 – Poor with man talking //1287. [NHP-BC]

- UnID** OCT 27 1322 – suspect China. A perfect example of "Hey, hang around here – this is a great signal...." with loud pops pushing 1270 merrily out of the way. I didn't hang out. [CN-BC]
- 1278 **CHINA** RGD various. OCT 27 1322 – Strident Chinese woman yelling about something – not handling the 1280 domestic interference as well. [CN-BC]
- JAPAN** JOFR, Fukuoka. OCT 25 1427 – Tentatively with low level talk by man, sounds Japanese. Fair at best. [WS-BC]
- +JAN 17 1526. Poor with man talking //1287. Not sure what program would be parallel on these two channels plus 1332 as well. [NHP-BC]
- 1287 **JAPAN** JOHR, Sapporo, HBC. SEP 16 1321 – Japanese talk fair. [BP-WA]
- +SEP 24 1328 – Japanese talk fair, phone conversation briefly good 1337. [BP-WA]
- +SEP 24 1338 – One of those heavy duty fades up, briefly excellent with woman in Japanese. [NHP-BC]
- +SEP 25 1337 – good-fair Japanese talk. [BP-WA]
- +SEP 26 1352 – poor Japanese talk. [BP-WA]
- +OCT 3 1318 – woman fair in Japanese. [BP-WA]
- +OCT 4 1355 – excellent w/man in Japanese, also OCT 5 1409 and OCT 6 1347. [NHP-BC]
- +OCT 24 1410 – Excellent with two men in Japanese, North Flag better, still pretty readable 1500. [NHP-BC]
- +OCT 25 1427 – No sign of any Chinese stations here. Instead, lot's of 'Hai' with a discussion between 2 males in Japanese. Good reception. Up to very good at S9+10 reception. [WS-BC]
- +OCT 27 1323 – Laid back Japanese pops – with male DJ – one of the most reliable upper-band Japanese indie stations. [CN-BC]
- +NOV 8 1441 – Japanese man and woman fair. [BP-WA]
- +NOV 9 1459 – Good with "HBC rajio" by man, single pip on the hour. [NHP-BC]
- 1296 **JAPAN** JOTK, Matsue, NHK1. SEP 17 1327 – Poor w/man and woman talking, very weak, but //594. [NHP-BC]
- t** +OCT 25 1427 – As Nick likes to describe, this frequency is just burbles in the splatter. A woman there. Seemingly //NHK1 frequencies such as 594, so this is a tentative JOTK in Matsue with 10 kW. [WS-BC]
- 1305 **CHINA** CNRx. OCT 25 1426 – Faded up to fair level with what sounds Mandarin (talk, mostly by man). There are many CNR stations listed here, with most being CNR2 and CNR11 services, although there's also a Jilin transmitter for CNR8 in Korean and Mongolian, so who knows for sure! [WS-BC]
- t** +NOV 3 1413 – Similar sounding (to 639 CNR1) programming with formal sounding female anchor – fair levels in the splash. [CN-BC]
- UnID** OCT 24 1400 – caught my ear with easy listening Frank Mills type Piano – particularly at the top of the hour (1400) and then at 1423 with a DU sounding woman... hmmm. [CN-BC]
- +NOV 3 1319 – weak sounded Chinese. [BP-WA]
- 1314 **JAPAN**, JOUF, Osaka. OCT 22 1449 – Excellent with woman in Japanese peaking at this level, drowning 1320 splatter, with 1320 also in the lobe of the north flag. [NHP-BC]
- UnID** OCT 25 1433 – Darn. This frequency troubles me. I swear that I'm hearing English, or at least the intonation sounds very English. Never strong enough to be sure, so I sent a clip off to the **RA.io** user group. Maybe better ears than mine can make something out! [WS-BC]
- 1323 **CHINA** Shuangyashan, CRI. SEP 16 1308 – woman in Russian fair. [BP-WA]
- +SEP 20 1320 – poor in splash w/woman talking in presumed Russian. [BP-WA]
- +SEP 24 1310 – woman in Russian, strong signal but equally strong electrical buzz. [BP-WA]
- +SEP 25 1342 – woman in Russian good //963. [BP-WA]
- +SEP 26 1344 – bits of talk //963. [BP-WA]
- +OCT 3 1400 – the usual ToH music and IDs in Russian and Chinese, weak with much 1320 splash. [BP-WA]
- +OCT 24 1430 – Excellent with woman in Russian //963, best at this time. [NHP-BC]
- +OCT 25 1320 – Slow and easy female Chinese chat. [CN-BC]
- +OCT 25 1327 – Russian service coming in quite well, then fading. Back again to better level (good+) at 1431:40. S9+10 at that time. That opening lasted about 5 minutes before fading down again. [WS-BC]
- +OCT 27 1325 – Russian service at crazy levels at times //963 – one of the few upper band that escaped this morning's upper band malaise. [CN-BC]
- +NOV 8 1441 – man and woman in Russian fair. [BP-WA]
- +MAY 9 1204 – Man and woman in Russian at fair strength for a short time. Quite late in the season for any sort of showing from this one, and in fact, there was poor audio on 945, 1206 and 1593 around the same time, tentatively Chinese also. [NHP-BC]
- 1332 **JAPAN** JOSF, Nagoya. SEP 22 1336 – Fair w/man and woman in Japanese. [NHP-BC]
- +SEP 25 1350 – cheerful Japanese woman fair. [BP-WA]
- +OCT 3 1405 – weak woman in Japanese then pop vocal. [BP-WA]
- +OCT 22 1451 – Good with man in Japanese, erratic fading. [NHP-BC]
- +OCT 3 1405-08 – poor w/woman talking Japanese intonation then pop music //1242 and others. [NHP-BC]
- +JAN 17 1544 – Very poor with man talking //1287 with slight echo between them. [NHP-BC]
- 1359 **CHINA** CNR1 synchros. MAR 21 1400 – Poor with recognizable Beijing time check, then male talk //1593. [NHP-BC]
- 1377 **CHINA** Xingyang, CNR1. OCT 28 1445-6 – Excellent man //1098 at this level for a short time. [NHP-BC]
- +NOV 16 1520 – Poor with man talking //1593; both were weak, but the parallel was obvious with one signal in one ear, one in the other. [NHP-BC]
- +NOV 26 1539 – Poor with man talking //1593. [NHP-BC]
- +FEB 17 1506 – Poor with music and man talking //1593. [NHP-BC]
- +MAR 10 1431 – Poor with man talking, CNR1 news sounders //639. [NHP-BC]
- 1386 **JAPAN** NHK2 synchros. NOV 3 1500 – time pips and weak female in Japanese //747. [BP-WA]
- +MAR 12 1418 – Good with man talking //774. [NHP-BC]
- 1395 **UnID** OCT 31 1501 – nondescript music, 1502 deep-voiced male talk poor in heavy splash. [BP-WA]
- 1413 **JAPAN** JOIF. OCT 31 1458 – bits of male Japanese briefly surfacing through the splatter. [BP-WA]
- 1422 **JAPAN** JORF, Yokohama. SEP 22 1337 – Assumed w/woman in Japanese 1337, excellent level, best on North Flag. [NHP-BC]
- +SEP 25 1306 – happy Japanese woman, good peaks, but mostly fair-poor. [BP-WA]
- +OCT 3 1318 – woman fair in Japanese. [BP-WA]
- +OCT 31 1458 – fair w/female vocal song, then ads in Japanese, chime on the hour. [BP-WA]
- +NOV 8 1400 – weak Japanese woman and start of song. [BP-WA]
- +DEC 29 1625 – Good with woman in Japanese, briefly very clear. [NHP-BC]
- +JAN 30 1552 – Good with woman in Japanese.
- +FEB 23 1509 – Good with two women in Japanese. [NHP-BC]
- +MAR 22 1402 – Excellent with woman and man in Japanese. [NHP-BC]
- 1440 **JAPAN** JOWF, Sapporo. OCT 3 1406 – poor w/pop music //1332 trading places with domestics. [NHP-BC]
- 1458 **CHINA** Hohhot?, Nei Menggu RGD. NOV 26 1534 – Poor with very interesting droning vocal music lasting several minutes //7270. New here. [NHP-BC]
- UnID** OCT 31 1456 – decent sized carrier but weak audio and much splatter, not enough to guess the language. [BP-WA]
- +NOV 3 1500 – What sounded like partial Chinese time pips very faint in splatter. [BP-WA]
- 1467 **REP KOREA?** OCT 31 1459 – possibly HLKN w/talk, not //1602, long tone at ToH (the 3 short pips possibly buried in splatter), then male talk sounding similar to the KBS1 newscasters, poor in CJVB splash. [BP-WA]
- UnID** NOV 3 1500 – KBS or NHK time pips. [BP-WA]
- +NOV 30 1540 – mostly melodic voiced female and occasional male voice, probably from the same station 1540-1548 11/30. Couldn't determine language. Signal was mostly weak, occasionally fair. Not much listed, HLKN is the most likely candidate, NHK2 had signed off. [BP-WA]
- 1485 **UnID** OCT 31 1500 – weak carrier, haven't found any audio yet. [BP-WA]
- 1494 **JAPAN** JOYR, Tokyo. OCT 22 1440-1449 – Fair with woman talking and music, //1332. This peaked at 1448, before being taken over by JOTL (different program from 1332// fading in). Assume this was part of All Night Nippon program; don't have an up to date list, but only JOYR listed on this channel in PAL. However... if JOTL is rebroadcasting JOWF... which is also listed on All Night Nippon, then all bets are off. [NHP-BC]
- JAPAN/UnID** JOYL??. OCT 31 1459 – male talk, single chime or tone on the hour, then talk sounding like 2 stations mixing fair-poor. Some of it sounded like Japanese, so one of them was likely JOYL. [BP-WA]
- 1503 **JAPAN** JOUK, Akita, NHK1. OCT 3 1327 – good w/woman in Japanese //594. [NHP-BC]
- +OCT 3 1329 – Japanese talk weak //594. [BP-WA]

- +OCT 22 1408 – weak with man in Japanese. [DV-WA]
+OCT 31 1449 – man and woman in Japanese that seemed to continue to 1500 then 3+1 pips, fair. [BP-WA]
1512 **JAPAN** NHK2 synchros. OCT 31 1500 – very poor time pips and a few syllables of female talk in heavy KGA/KKXA splash. [BP-WA]
+DEC 2 1533 – Poor with music box s/off; that little tune really punches through. [NHP-BC]
1530 **CHINA** OCT 31 1500 – loud 5+1 time pips starting at 1500: a few words of Chinese by a woman shortly thereafter, otherwise buried under DZME. [BP-WA]
+NOV 3 1459 – Chinese talk under KFBK, 5+1 pips ending 1500:20, then more bits of Chinese u/KFBK. [BP-WA]
PHILIPPINES DZME. OCT 31 1450 – started to fade atop KFBK, then mostly dominant in Tagalog. Woman in mixed Tagalog/English 1455-1500. Signal peaked 1501 with man in Tagalog and a couple of definite DZME IDs mixing with UnID Chinese station. By 1505 DZME had faded and KFBK was once again atop the channel. [BP-WA]
UnID OCT 31 1500 – 3+1 time pips, mixing with others in the cacophony, maybe one of the Japanese commercial stations? [BP-WA]
1548 **AUSTRALIA** 4QD, Emerald. APR 3 1327 – Poor with man talking //612, but lagging 612 by over a second. [NHP-BC]
UnID NOV 30 1543-1548 – weak talk in domestic splash, possibly Chinese, mostly female. [BP-WA]
1557t **TAIWAN** Kouhu, 1557 Music Interactive Network. OCT 16 1434 – fair with two men in Chinese. [NHP-BC]
+JAN 13 1613 – Good, with a woman giving an ID like she was reading out of the pages of WRTH... chungyang guangpo dientai, Taiwan chih yin". [NHP-BC]
+JAN 19 1606. Good with man in Chinese; was weaker before the hour with woman singing a capella and talking, parallel with webstream <https://www.rti.org.tw/radio/onAirPlayer/id/1> which was delayed by about 30 seconds. [NHP-BC]
+MAR 10 1433 – Excellent with woman in Chinese, strongest signal on the band at this time. [NHP-BC]
UnID OCT 31 1455 – music sounded nonstop to 1500, 3+1 pips, all long with the final one higher pitched, then Chinese (?) talk. Good carrier poor audio. Taiwan? [BP-WA]
+NOV 3 1500 – poor, 5+1 pips, probably Taiwan. [BP-WA]
1566 **REP KOREA** HLAZ, Jeju, FEBC. SEP 16 1315 – good with the usual Sunday church service in Japanese. [BP-WA]
+SEP 17 1321 – good signal man in Japanese. [DV-WA]
+SEP 20 1313 – woman in Japanese "FEBC" ID good. [BP-WA]
+SEP 24 1331 – Japanese man fair, this one under-performed today. [BP-WA]
+SEP 25 1320 – hymns and Japanese talk, sometimes good, often fair-poor. [BP-WA]
+SEP 26 1322 – Japanese conversation fair. [BP-WA]
+OCT 3 1330 – good man in Japanese. [BP-WA]
+OCT 22 1408 – fair with woman in Chinese. [DV-WA]
+OCT 25 1442 – Disappointing signal strength during my listening period, and only occasionally fading up to fair audio strength. VOA 1575 was by comparison, much better, but overall the top third of the band was very disappointing compared to an excellent lower 2/3 band opening. [WS-BC]
+OCT 27 1647 – Fair after fading up to reveal man in Russian, nearly two hours after local sunrise. [NHP-BC]
+OCT 31 1459 – good with the usual Christian programming in Chinese. [BP-WA]
+NOV 3 1701 – Last signal out with Korean woman speaking still fairly easy copy on the N Flag. [CN-BC]
+NOV 8 1457 – man in Chinese fair, sound like there was a second station in the background with music. [BP-WA]
+NOV 16 1650 – Excellent with man in Russian peaking at this time, -70dBm, its' strongest in at least a couple of hours. My local sunrise was 90 minutes earlier. This was still delivering occasional audio after 1700, when a "welcome to the Voice of America" was heard, starting their Korean broadcast at that time. This was bothered with Chinese interference earlier, with at least two sets of Chinese pips heard at 1500. [NHP-BC]
+NOV 21 0952 – fair with music and talk. [DV-WA]
+NOV 30 1713 – was still audible well after our 1536 UT sunrise. Noted with Russian talk at fair level 1713, with audio level tapering off after that. Carrier finally dropped into the noise around 1835 (10:35 AM LT). [BP-WA]
+DEC 14 1729 – Excellent with woman then man in Korean. I wasn't home, and the recording ended a few minutes later. There had already been several peaks since the VoA ID and jingle at 1700 (which actually wasn't as strong as these later peaks). This had been the best strength on this station all morning, 90 minutes after my local sunrise. [NHP-BC]
+JAN 1 1643 – Excellent with man in Russian; best of the morning for this one, despite being 40+ minutes after local sunrise. [NHP-BC]
1575t **JAPAN** Misawa, AFN. OCT 24 1425 – Upbeat news-talk by an English speaking woman (AFN maybe) – over and under normally super-dominant VOA Thailand. [CN-BC]
t +DEC 14 1522 – Poor with jazzy female vocal music; at 1527, checked Fukushima and Yokohama KiwiSDRs and both showed the same music as what I was hearing, but louder. At this time, all AFNs in Japan should have been parallel, I think. [NHP-BC]
t +JAN 3 1543 – Fair, assumed with woman and man in American English "January 31st, in time... a chance to join for military members" erratic fading. [NHP-BC]
p **THAILAND** Ban Phachi, VoA. SEP 16 1330 – good "Welcome to the Voice of America in Khmer", then Khmer program. [BP-WA]
+SEP 25 1338 – talk in UnID language, mostly weak, fair on peaks. [BP-WA]
+OCT 18 1530 – fair with ID by man and Yankee Doodle, better on north Flag. [NHP-BC]
+OCT 25 1433 – In listed Burmese with powerful signal strength, and far above that of HLAZ today. After a wasteland of nothing, or very weak carriers, it was clear that the results to be found were below 1300 or so kHz! [WS-BC]
+OCT 31 1458 – fair-poor with program in SE Asian language. [BP-WA]
+NOV 8 1441 – woman in UnID language. [BP-WA]
+MAR 10 1438 – Excellent, powering in with man in Burmese per announcement at 1430. Sounded almost exactly the same with the same strength at the same time on MAR 11. [NHP-BC]
1593 **CHINA** Changzhou, CNR1. SEP 17 1325 – weak signal. Man in Chinese? [DV-WA]
+SEP 27 1349 – Poor w/woman and man //945. [NHP-BC]
+OCT 22 1411 – weak with music. [DV-WA]
+OCT 31 1500 – Chinese talk, time pips, the usual ID, strong signal but mercilessly hammered by KLFE-1590 splash. [BP-WA]
+NOV 3 1354 – Talk easy //639. [CN-BC]
+NOV 30 1546 – man in Chinese fair-good during pauses in KLFE splatter. [BP-WA]
+JAN 29 1539 – Fair with woman talking //6175. [NHP-BC]
+APR 3 1313 – Good with man in Chinese; assumed as no parallels. [NHP-BC]
JAPAN NHK2 synchros. MAR 12 1425 – Good with man talking //1386, with CNR1 Chinese man trading places. [NHP-BC]
1602 **JAPAN** NHK2 synchros. NOV 30 1542 – faint chimes from music box IS after sign off. [BP-WA]
1611 **PHILIPPINES** DWNX, Naga City, Radio Mindanao Network. JAN 23 1555 – Poor with male ballad, same as noted on Hong Kong KiwiSDR which fortunately maintained reasonable strength until 1600, when a "RMN" ID was noted. Haven't found a webstream for this yet. [NHP-BC]
UnID NOV 18 1535 – Poor with male ballad; suspect Philippines, as was on North Flag which tends to reject Aussies. [NHP-BC]
1701 **AUSTRALIA** Brisbane, Radio Brisvaani. SEP 22 1344 – This was 30Hz high, matching Radio Brisvaani's offset. Poor w/man talking and into Arabic sounding chant. Is this puppy really 100 watts? [NHP-BC]
- *** PAN-AMERICAN DX ***
- 530 **CUBA** CM--, *Radio Rebelde*, multiple locations. DEC 17 0700 – Familiar 9-note interval signal //670, 710, 1180. This antenna is aimed almost perpendicular to Cuba. Relog. [TRH-CA]
CUBA Radio Enciclopedia, CMBQ, La Habana. DEC 11 1020 – noted with light instruments, "Enciclopedia" mentions in Spanish between selections. Good signal over CIAO. [EB-MO]
+DEC 17 0659 – Easy listening music, usual pre-recorded female announcer. Relog. [TRH-CA]
CUBA Radio Rebelde/Radio Enciclopedia. NOV 21 0259 – silly ballgame in Spanish //5025 Rebelde, mixing with the EZL music from Enciclopedia. Two Rebeldes are listed, Guantánamo and Caribe, Isla Juventud, and I'll settle for the closer. Also considerable het from 531. [GH-OK]
540 **DOMINICAN REPUBLIC** HICM, Radio ABC, Santo Domingo. OCT 29 1000 – Radio ABC ID in Spanish talk; fair. {A} [MC*Y-MA]
MÉXICO XETX, Nuevo Casas Grandes, Chih. NOV 1 0046 – "La Ranchera de Paquimé" on AM and FM, ie XETX with FM on 90.5. [GH-OK]
+DEC 20 1333 – plugging now being also on FM (90.5). New. IRCA Mexican Log says per IFT it will be staying on AM; as usual manages to dominate 540 here around SRS. [GH-OK]

- MÉXICO** XEWA, San Luis Potosí, SLP. SEP 30 0517 – Mexican Top 40 all alone with only RFI in null, but light Ranchera heard at 0535. CBK apparently on the air as heard at 0538, weak but briefly dominant in XEWA null. [JP-AB]
+DEC 12 0835 – noted with pop music, "Los Cuarenta" ID in Spanish. Fair to poor signal, mixing with CBK with no sign of WAUK. [EB-MO]
- 550 **COLOMBIA** HJHF, Señal Radio Colombia, Marinilla. SEP 2 0001 – Woman in Spanish (//570 HJND) with Radio Nacional de Colombia ID; mixed with UnID Latin American and WSJW. [MC*Y-MA]
+JUN 9 0300 – //570 HJND with tropical jazz; to fair peak over WDEV.
+JUN 20 0100 – Woman "Radio Nacional de Colombia" ID; fair/dominant. {A} [Connelly-MA]
HONDURAS ABC Radio, Tegucigalpa. NOV 24 1130 – "ABC Radio" ID, followed by attention signal (three ascending notes). Fair signal. [MB-TX]
MÉXICO XEPL, Ciudad Cuauhtémoc, Chih. NOV 1 0045 – "91.3, La Súper-Estación", loops WSW. Actually, I thought they said "101.3" which sounds rather similar in Spanish. [GH-OK]
PUERTO RICO WPAB, Ponce. OCT 23 0300 – Puerto Rico adverts in Spanish talk; slightly over WDEV/Cuba/Colombia mess, on USB to dodge 549 Algeria. [MC*Y-MA]
+FEV 24 0600 – Soft music, man with ID "Aqui WPAB... Puerto Rico"; fair. {A}
+FEV 26 0600 – ID "Aqui WPAB"; fair, dominant. {A} [MC*Y-MA]
VENEZUELA YVKE, Mundial, Caracas. MAR 25 0300 – Radio Mundial ID; over WDEV. {A}
+APR 11 0500 – Mundial ID; over others. {A} [Connelly*Y-MA]
- 560 **MÉXICO** XEMZA, *Sol 89.7 FM*, Cihuatlán, Jal. DEC 23 0614 – Tropical-influenced pop music //web stream, "Sol 89.7 FM" slogans. New, JAL #26, Mexico #312, station #1451 from home. (NOTE: although this station serves the Manzanillo, Colima market, I think it may actually still be licensed to the suburb of Cihuatlán, which is in Jalisco. They do not seem to run a national anthem at 6am or Midnight local time). [TRH-CA]
UnID DEC 17 0707 – Station under KBLU and KLVI playing instrumental music suddenly went into an orchestral version of the Mexican anthem about 15 seconds before my recording ended. Timing would strongly suggest XEYO, but this sounds like the version of the anthem I have heard on XESRD in the mornings. [TRH-CA]
- 570 **COLOMBIA** HJND, Señal Radio Colombia, Bogotá (El Rosal). SEP 2 0001 – Woman in Spanish (//550 HJHF) with Radio Nacional de Colombia ID; over WMCA. [MC*Y-MA]
+SEP 29 0300 – Woman with Radio Nacional de Colombia ID; over WMCA and CFCB. {A} [Connelly*Y-MA]
+OCT 11 0400 – Woman "Escucha Radio Nacional de Colombia"; atop WMCA, others.
+OCT 14 0300 – Woman with Radio Nacional de Colombia IDs; good, dominant. {A} [MC*Y-MA]
+DEC 1 0100 – Woman with Radio Nacional de Colombia ID; mixed with domestics. {A} [MC*Y-MA]
+FEV 24 0500 – Radio Nacional de Colombia ID; mixed with CFCB. [MC*Y-MA]
+JUN 9 0300 – //550 HJHF with tropical jazz; mixed with WMCA. Reloj and CFCB under. [Connelly-MA]
CUBA CMBD, Radio Reloj, Santa Clara, Villa Clara. JAN 10 1009 – noted with time signals, news items, "Radio Reloj" ID in Spanish, "RR" ID in Morse Code //790. Fair to poor signal under WWNC. [EB-MO]
MÉXICO XEBJB, Monterrey, NL. NOV 3 0251 – ranchera music dominates, "en BJB, tu música regional mexicana", easily overcoming KLIF, DFW, which goes out every which way but north; ie XEBJB, non-directional and looks like it will not abandon AM. "Regional" could mean anything, depending on what region. [GH-OK]
+JAN 29 1153 – Norteña music, "BJB" ID in Spanish. Fair to poor signal, mixing with WNAX, WWNC. [EB-MO]
- 580 **MÉXICO** XEAV, *Canal 58*, Guadaluajara, Jal. DEC 17 0601 – Under a louder Spanish language station whose signal was having serious problems (audio cutting in and out a couple times per second) with slightly slow tempo children's choral version of Mexican anthem. Reloj. [TRH-CA]
MÉXICO XEMU, *La Rancherita del Aire*, Piedras Negras, Coah. DEC 17 0700 – Mixing with KMJ and the mystery Spanish language signal with intermittent signal (see XEAV log – I'm guessing this was KSAZ) with full ID and mention of web site www.rancherita.com.mx. Reloj. [TRH-CA]
+JAN 4 0929 – noted with "La Rancherita del Aire" ID, local announcements and Ranchera music in Spanish. Fair signal with splash from KFNS 590. [EB-MO]
PUERTO RICO WKAQ, San Juan. SEP 2 0000 – WKAQ cinco ochenta punto com website mention; good. [MC*Y-MA]
+OCT 21 0000 – WKAQ cinco ochenta San Juan ID and affiliates list; good. [MC*Y-MA]
+JAN 5 2201 – WKAQ cinco ochenta AM San Juan ID in list of affiliates; good. {A} [MC*Y-MA]
+FEV 26 0600 – WKAQ cinco ochenta AM San Juan ID in list of affiliates; loud. {A} [MC*Y-MA]
+APR 11 0500 – WKAQ cinco ochenta punto com website mention, several IDs; good. {A} [Connelly*Y-MA]
+JUN 9 0300 – WKAQ ID; over jumble.
+JUN 10 0401 – WKAQ cinco ochenta AM San Juan ID, affiliates list; well over WTAG. {A} [Connelly-MA]
+JUN 24 0000 – WKAQ ID, affiliates list; over WTAG.
+JUN 27 0000 – WKAQ (Doble-oo kah ah coo) Cinco Ochenta ID, advert by man; good. {A} [MC*Y-MA]
- 590 **CUBA** Radio Musical Nacional, Santa Clara. SEP 2 0101 – Radio Musical ID; over others with WEZE running blank carrier. {A} [MC*Y-MA]
MÉXICO XEGTO, *Hits 95.9 FM*, León, Gto. DEC 17 0559 – End of Suprema Corte program, then straight into Mexican anthem (children's choral, short version) and back to regular AC format. When I found this on my recording, I went back outside the next hour and caught them //web stream with AC music. New, GJTO #7, Mexico #308, station #1445 from home. I have been chasing both of these stations since before XEBH left AM several months ago. There seemed to be a third Mexican station in there that I couldn't account for. It wasn't XEE (not //web stream), and that seemingly leaves only XEFD which is far off the beam of this antenna, but perhaps not impossible given that several Cubans and Monterrey stations like XEFB-630 were coming in on this antenna tonight. [TRH-CA]
MÉXICO XEPH, *La Sabrosita*, México, DF. DEC 17 0604 – Faded up suddenly over KTIE and XEGTO with Mexican anthem (fast adult choral version) and back to regular tropical format. When I found this on my recording, I went back outside the next hour and caught them //web stream (substantially out of synch, maybe as much as a minute) with tropical music.
+DEC 23 0559 – Female announcer with at least two "sabrosita 5-90" slogans, into the same version of the anthem as previously noted. New, DF #23, Mexico #309, station #1446 from home. [TRH-CA]
- 600 **COLOMBIA** HJHJ, Radio Libertad, Barranquilla. SEP 2 0058 – Radio Libertad ID; over Radio Rebelde and WYEL. {A} [MC*Y-MA]
+OCT 15 0400 – Radio Libertad ID; about 10 dB behind Cuba blaster. [MC*Y-MA]
PUERTO RICO WYEL, Mayaguez. OCT 11 0400 – WKAQ net ID; mixed with Colombia and Cuba. [MC*Y-MA]
+FEV 26 0600 – WKAQ network affiliates list // loud 580; over jumble (Cuba, others). {A} [MC*Y-MA]
+APR 12 0400 – WKAQ network affiliates list; dominant. Cuba with anthem under. {A} [Connelly*Y-MA]
+JUN 10 0400 – Man gave WKAQ network affiliates for San Juan, Ponce, and Mayagüez; over Cuba. {A} [Connelly-MA]
+JUN 28 0100 – WKAQ network ID and affiliates list //580, TMobile tweety-bird sound effect; largely over Cuba/HJHJ scrum. {A} [MC*Y-MA]
+JUN 31 0100 – WKAQ net ID //580; over mess. [MC*Y-MA]
- 610 **BRAZIL** ZYL268, Radio Itatiaia, Belo Horizonte. OCT 9 2300 – Radio Itatiaia ID in Portuguese talk; dominant. {A} [MC*Y-MA]
+FEV 3 0100 – Man in Portuguese, Brasil mentions; mixed with WGIR. [MC*Y-MA]
+FEV 19 0500 – Excited Portuguese talk by man; in jumble. [MC*Y-MA]
+APR 17 0000 – Excited Portuguese talk, attention music; under WGIR. [Connelly*Y-MA]
+APR 26 0000 – Portuguese talk by man, Itatiaia ID; slightly under WGIR. {A} [MC-MA]
+JUN 12 0050 – Radio Itatiaia ID in fast talk by man; fair. {A}
+JUN 15 0101 – Electronic wolf whistle and sweep, "Martian voice" Itatiaia ID; over WIOD, WGIR, others. {A}
+JUN 20 0100 – Man with excited Portuguese talk, electronic wolf whistle and sweep, high squealy voice robotic Itatiaia ID; dominant. {A}
+JUN 20 0300 – Man in Portuguese; to good peak. [Connelly-MA]
+JUN 24 0001 – Woman in Portuguese; mixed with WGIR.
+JUN 27 0301 – Fast Portuguese talk by man with phone number in advert, jingle; good. {A} [MC*Y-MA]
+JUN 31 0100 – A Voz do Brasil mention, Itatiaia jingle and ID; over WGIR. {A}
+SEP 2 0001 – Portuguese language sporting event; over Cuba, WIOD. [MC*Y-MA]
COLOMBIA HJKL, La Cariñosa, Bogotá. OCT 11 0400 – 5-note interval signal, Cariñosa and Colombia mentions; in tangle with Brazil, Cuba, and apparent WIOD.
+OCT 19 0300 – Bogotá and RCN La Radio mentions; in jumble. [MC*Y-MA]

- +AUG 31 0801 – Woman with "La Carinosa" ID; over WIOD, Rebelde, others. {A} [MC*Y-MA]
CUBA Radio Rebelde, Pinar del Rio et al. OCT 15 0400 – Cuban anthem; way over WIOD, others. [MC*Y-MA]
- 630p **MÉXICO** XEGS, Guasave, Sin. 1121 5/17, 2 minutes before LSR, Spanish DJ and lively music from SW, presumed XEGS, slowly losing out to KCSP, under which I can still hear a choral NA at 1132. [GK-OK]
- 620 **BRAZIL** ZYH590, Radio Assunção Cearense, Fortaleza. AUG 31 0101 – Fast Portuguese talk by man; mixed with Rebelde Cuban. {A} [MC*Y-MA]
- 630p **MÉXICO** XEFB, Monterrey, NL. OCT 28 1215 – Spanish plugging a program on Alba? 104.5, a Grupo Radio Centro station, 6:15 timecheck, music; loops SSW. Suspected XEFB Monterrey NL. WTFDA FM Database shows slogan ALFA 104.5, CHR format for XHMF-FM in Monterrey but does not relate it to 630 XEFB, which used to be news/talk. Is it now just an appendage of an FM, like so many US AM stations, or a promo for sibling station? [GH-OK]
 +DEC 17 0557 – Instrumental version of Mexican anthem over KSLR. As they ran their pre-recorded ID (I could hear the mentions of Monterrey, Nuevo Leon and broadcasting 10kW 24 hours a day – two days later I recorded this exact same ID on their web stream), they were drowned out by XEPBGJ. New. NL #13, Mexico #310, station #1449 from home. [TRH-CA]
- MÉXICO** XENK, *Radio 6-20 AM*, México, DF. DEC 23 0558 – Faded up under semi-local XESS with high choral version of Mexican anthem already in progress. New, DF #24, Mexico #313, station #1452 from home. [TRH-CA]
MÉXICO XEPBGJ, *Jalisco Radio C7*, Guadalajara, Jal. DEC 17 0600 – Suddenly overtook XEFB with slightly slower tempo children's choral version of Mexican anthem, followed by 6-note doorbell theme (C-E-G, G-C-E), then back to overnight classical music program. Relog. [TRH-CA]
- PUERTO RICO** WUNO, Radio Uno, San Juan. SEP 2 0000 – NotiUno Seis Treinta ID; over WPRO, Cuba. [MC*Y-MA]
 +NOV 30 0300 – NotiUno Seis Treinta ID; dominant. {A} [MC*Y-MA]
 +OCT 11 0359 – NotiUno Seis Treinta ID; mixed with WPRO. Other Latin American, with music, under. [MC*Y-MA]
 +FEB 1 2300 – NotiUno ID; over WPRO. {A} [MC*Y-MA]
 +FEB 26 0600 – NotiUno seis treinta and WUNO IDs, affiliates list; huge, demolishing WPRO. {A} [MC*Y-MA]
 +APR 12 0400 – Exuberant shouting, NotiUno Seis Treinta ID; crushing WPRO. {A} [Connelly*Y-MA]
 +JUN 15 0100 – NotiUno seis treinta ID, cell phone app sound effect; over WPRO. {A}
 +JUN 20 0100 – Affiliates list, NotiUno seis treinta ID; over WPRO and Progreso Cuban. {A} [Connelly-MA]
 +JUL 21 0100 – NotiUno mentions in shouting; under WPRO. [MC*Y-MA]
 +AUG 23 2359 – ID "Notiuno seis treinta"; atop WPRO. [MC*Y-MA]
- VENEZUELA** YVKA, RNV, Caracas. OCT 15 0400 – Very slow vocal version of Venezuelan anthem; over presumed WUNO, no trace of WPRO likely thanks to antenna null. [MC*Y-MA]
- 640 **CUBA** CMQ, Radio Progreso, Guanabacoa, Ciudad de la Habana. NOV 3 0402 – very weak w/woman in Spanish, then several songs that sounded like they were from the 1950s. Poor and sporadic reception w/KFI mostly phased down. Had to parallel 640 on the Key West KiwiSDR to confirm it was them. [BP-WA]
 +AUG 8 0729 – noted with up-tempo vocal music, brief announcements in Spanish. A fair to poor signal was noted, mixing with KWPN, WCRV and WOI, splash from KYFI 630. [EB-MO]
MÉXICO XEJUA, *La Caliente 6-40 AM*, Ciudad Juárez, Chih. DEC 17 0700 – Under KFI with ID and children's choral version of Mexican anthem. Relog. [TRH-CA]
MÉXICO XETAM, Ciudad Victoria, Tam. JAN 9 1018 – noted with Norteña music, "Qué Buena" ID in Spanish. Fair to poor signal mixing with KWPN in a WOI null. [EB-MO]
- VENEZUELA** YVQO, Union Radio, Puerto La Cruz. JUL 19 0301 – Union Radio and 'información venezolana' mention; briefly over CBN, Cuba. [MC*Y-MA]
- 650 **COLOMBIA** HJKH, RCN Antena Dos, Bogotá. SEP 2 0100 – Antena Dos Colombia ID; over Progreso Cuban. {A} [MC*Y-MA]
 +SEP 29 0500 – Antena Dos ID's; over CKGA. [Connelly*Y-MA]
 +DEC 1 0100 – Barranquilla, RCN, and Antena Dos mentions in fast talk by man; good. {A} [MC*Y-MA]
 +MAR 22 0000 – Antena Dos ID, pips; only to fair peak but dominant. {A} [Connelly*Y-MA]
 +JUN 20 0100 – Man with sportstalk about Copa America, then Antena Dos ID; good. {A} [Connelly-MA]
CUBA Radio Rebelde, Santiago de Cuba. OCT 15 0400 – Rebelde la Habana, emisora de la revolucion; over CKGA.
 +OCT 26 0300 – 9-note Rebelde interval signal; through huge pile-up of Latin Americans. [MC*Y-MA]
MÉXICO XETNT, Los Mochis, Sin. OCT 12 1200 – opening 'Noticiero Altavoz' (loudspeaker newscast) with 6 am timecheck, dominant signal here, and also audible // amid QRM on 610, XEGS Guasave, both still on AM though Radio 65's FM has moved to 100.5, ex-106.5, top of band being cleared for community/non-commercial use. [GH-OK]
 +MAR 17 1121 with different Spanish DJ wakeup show, 1129 "Buenos Días, Yarderos – Radio 65", and NA, 1131 back to music. Loops same as sibling 610 station. This is stronger and holds up longer than XEGS. XETNT callsign seldom heard and not today. By this late at sunrise, when I would have preferred to sleep another two hours, the only two audible XEs on the lower band. [GH-OK]
 +AUG 8 1118 – Radio 65 promo that it's also "en el cien – 100.5 FM". XETNT Los Mochis, still holding onto AM, and we hope for good, as Mexican AMers are dropping like flies, so we need to keep reconfirming the ones that remain. [GH-OK]
- 660 **CUBA** Radio Progreso, Jovellanos. APR 25 0300 – Old-style male vocal //640, then woman in Spanish; evenly mixed with WFAN. First 17 seconds of audio clip is 640, remainder is //660. {A} [MC-MA]
 +JUN 20 0159 – Vocal //640, 650 et al; under WFAN. [Connelly-MA]
MÉXICO XEEY, *La Caliente 102.9*, Aguascalientes, Agua. DEC 23 0600 – Under KTNN (surprisingly no sign of KGSV tonight) with children's choral version of Mexican anthem. Full AM/FM ID about 3½ minutes later. The odd spelling of "Kaliente" appears to be to distinguish it from the "La Caliente" gruper format from Grupo Multimedios. Relog. [TRH-CA]
MÉXICO XESJC, *KVOZ*, San José del Cabo, BCS. DEC 17 0700 – Under KTNN (still no KGSV) with call letter ID. Interestingly there didn't seem to be a Mexican anthem immediately before or after this ID. Relog. [TRH-CA]
- 670 **CUBA** Radio Rebelde synchronos. DEC 15 1141 – noted with speech mentioning Cuba in Spanish. Fair to poor signal through WSCR. [EB-MO]
 +DEC 17 0605 – Song //530, 1180 with very obvious echo (a full second late) between 2 or more signals. The second one is new, Cuba #33, station #1448. [TRH-CA]
 +AUG 8 0719 – noted with light vocal music, announcements in Spanish at 0730 //5025. A fair to poor signal was noted through WSCR. [EB-MO]
- 680 **PUERTO RICO** WAPA, San Juan. SEP 1 2359 – Advert with phone number, Wapa jingle; under WRKO. [MC*Y-MA]
 +OCT 17 2300 – Wapa Radio ID during short pause in WRKO audio.
 +OCT 21 0000 – Adverts and Puerto Rico phone numbers, Poderosa slogan; under WRKO. [MC*Y-MA]
- 690 **BRAZIL** ZYH587, Radio Shalom, Fortaleza. AUG 30 2359 – Portuguese preacher; over CKGM, HJCZ. {A} [MC*Y-MA]
COLOMBIA HJCZ, W Radio, Bogotá. SEP 29 0500 – Disco //700 HJCX; mixed with CKGM. [Connelly*Y-MA]
 +OCT 21 0000 – //700 with woman in Spanish; over CKGM.
 +OCT 26 0259 – W Radio ID; over CKGM. [MC*Y-MA]
 +JUN 20 0101 – W Radio Colombia ID in Spanish talk by man and woman; fair. {A} [Connelly-MA]
 +AUG 31 0100 – "W" ID's, Spanish talk; mixed with Brazil, others.
 +SEP 2 0300 – Segment of vocal, then talk //700 HJCX; under CKGM. [MC*Y-MA]
- 700t **ARGENTINA** LV3, Radio Cordoba, Cordoba. JUN 12 0100 – 5+1 pips clear, not so much for other audio. [Connelly-MA]
BRAZIL ZYK686, Nossa Radio, São Paulo. SEP 2 0301 – Man in Portuguese preaching; now atop. [MC*Y-MA]
 +OCT 9 2301 – Man in Portuguese with São Paulo mentions; poor. [MC*Y-MA]
 +JUN 15 0100 – Portuguese religious talk; weak. [Connelly-MA]
 +JUL 21 0059 – Portuguese religious talk by woman; fair. [MC*Y-MA]
 +AUG 27 0259 – Man in Portuguese with preaching; dominant, pips from Argentina and music from Colombia way under. {A} [MC*Y-MA]
 +AUG 31 0059 – Woman and man in Portuguese, palabra de diós mention; loud, well over HJCX, others. {A}
COLOMBIA HJCZ, W Radio, Cali. SEP 2 0300 – Segment of vocal, then talk //690 HJCZ; mixed with Brazil. [MC*Y-MA]
 +SEP 29 0500 – Disco //stronger 690 HJCZ. [Connelly*Y-MA]
 +OCT 21 0000 – //690 with woman in Spanish; dominant. [MC*Y-MA]
 +AUG 31 0259 – W Radio ID in talk, thanks to Mauricio Molano (RealDX) for ID help. {A}
- MÉXICO** XEDKR, *Radio Red*, Guadalajara, Jal. DEC 17 0659 – Fair signals, surprisingly on top of channel with ad for Nutcracker Suite performances at the national auditorium in Mexico City, male announcer "La Red le informa" into network newscast followed by long "Radio Red" jingle and promos.

- Mentions FM 92.1 in Mexico City. Another Spanish language station and regular pest KALL were way underneath. Relog, but only heard once or twice before. [TRH-CA]
- MÉXICO** XEETCH, Etchojoa, Son. NOV 29 1304 – woman in unknown language, partly Spanish mentioning “Desarrollo de Pueblos Indígenas”, which is the federal agency running native stations I love to hear, then definite IDs pronounced in Spanish, XEETCH heard twice, and La Voz de los Tres Ríos. That’s the 5 kW daytime in Etchojoa, Sonora. Has growing SAH of 128/min = 2.13 Hz in plain Spanish, likely XEGD in Hidalgo del Parral, Chih. [GH-OK]
- +DEC 17 1359 – Virtually alone on channel with interesting indigenous music, mentions of Sistema Radiodifusoras Culturales Indigenistas by male and female announcers. Rarely in this well. Relog. [TRH-CA]
- +DEC 22 1335 – rustic drum and flute music from WSW/ENE, surely XEETCH, native station in Etchojoa, Sonora; and the lowest XE frequency still propagating, not even 650 XETNT, 5 minutes before sunrise here at 1340, on the way to latest at 1344 in another biweek; no WLW. [GH-OK]
- 709.875 **MÉXICO** XEDP, La Ranchera de Cuauhtémoc, Chih. NOV 1 0048 – tell-tale het against KCMO or KGNC, from the sometimes off-frequency alternate transmitter of XEDP. Still there at 0612 when I measure, 709.875? Yes, mwoffsets has it on 709.87 as of 2017-03-08. [GH-OK]
- 710 **CUBA** Radio Rebelde synchros. DEC 13 0855 – noted with pop music, “Radio Rebelde” ID into news in Spanish. Fair to poor signal, mixing with WAQI and WOR. [EB-MO]
- +DEC 17 0700 – 9-note Rebelde attention signal clearly audible from at least two different transmitters about a second and a half apart. //530, 1180. The second one is new, Cuba #32, Station #1447. [TRH-CA]
- +AUG 8 0744 – noted with light vocal music, announcer taking phone call in Spanish //670, 1180 and 5025. A fair to poor signal was noted, mixing with WAQI and WOR, splash from WLW 700. [EB-MO]
- MÉXICO** XEDP, Cuauhtémoc, Chih. AUG 15 1143 – full ID for La Ranchera de Cuauhtémoc, 1144 TC as 5:43, in newscast. That’s XEDP in Chihuahua, not using its off-frequency transmitter today. [GH-OK]
- 720 **BRAZIL** ?. OCT 23 0300 – Reverberated Portuguese male preaching; over HJAN and WGN. [MC*Y-MA]
- +(Guaiba or Recife). JUN 12 0056 – “Jambalaya” by Creedence Clearwater Revival, man in Portuguese; to fair peak, then faded out. [Connelly-MA]
- COLOMBIA** HJAN, Emisoras Unidas, Barranquilla. AUG 29 0000 – Emisoras Unidas ID; noisy. [MC*Y-MA]
- +AUG 31 2359 – Emisoras Unidas ID; over others. [MC*Y-MA]
- CUBA** Radio Angulo, Sagua de Tánamo. JUN 10 0401 – End of Cuban anthem, Radio Angulo ID by woman; over jumble. {A} [Connelly-MA]
- NICARAGUA** Radio Católica, Managua. NOV 20 0355 – Man in religious talk, peaking to fair signal. [MB-TX]
- 730 **COLOMBIA** HJCU, Cadena Melodía, Bogotá. SEP 1 0001 – Melodía ID in reverberated talk by man; poor in jumble. [MC*Y-MA]
- MÉXICO** XEHB, La Mexicana, Hidalgo del Parral, Chih. JAN 3 1400 – Mixing with XESOS and KDBI. Full FM/AM ID by male announcer. This station is staying active on AM per IFT decision. Relog. [TRH-CA]
- +JAN 29 1413 – In Spanish, the lowest frequency XE still propagating more than a semihour after my LSR must be XEHB on 50 kW day power, after own sunrise approximately 1350. [GH-OK]
- +FEB 16 1342 – amid Mexican music, “La Mexicana, 107.1”. So this remnant 50 kW XEHB from Hidalgo del Parral, is not even worth mentioning; but AM is to stay per IFT in the IRCA Mexican Log. It’s the best/only lowband XE propagating this long after 1318 LSR. [GH-OK]
- 739.95 **MÉXICO** XEQN, Radio Fórmula, Torreón, Coah. DEC 11 1300 – news/talkshow in Spanish, making terrible low het against KRMG 740.00 Tulsa, which if carefully nulled, partially audibilizes the Mexican, which we know is XEQN. It has appeared on some official listings of stations which are “not” migrating to FM, unfortunately. It’s been off-frequency for years. [GH-OK]
- 740 **BRAZIL** ZYH446, Rádio Sociedade da Bahia, Salvador/Ilha de Itaparica. MAY 23 0101 – Bahia and Salvador mentions in fast Portuguese talk by man; CHCM under with VOCM net ID and ‘80s hit. {A} [MC-MA]
- CUBA** Radio Angulo, Sagua de Tánamo. AUG 27 0001 – Woman and man with Cuba mentions, jingle, 6-note Angulo chimes, fair/dominant. [MC*Y-MA]
- +AUG 31 0000 – Radio Angulo ID, chimes; dominant. [MC*Y-MA]
- +MAR 25 0300 – Man “Radio Angulo, transmitiendo desde Holquin, Cuba”; over jumble. {A} [Connelly*Y-MA]
- 750 **BRAZIL** (Brasília or Belo Horizonte). JUN 20 0057 – Woman in Portuguese, dramatic music; poor. [Connelly-MA]
- MÉXICO** XEOH, Ciudad Camargo, Chih. DEC 31 1300 – with “XEOH 750” ID and mention of being in Chihuahua, Mexico. “Radio La Jefa” slogans. Good signal under or over KOAL. 86th Mexican station logged from Mesa. [JcJ-AZ]
- VENEZUELA** YVKS, RCR, Caracas. SEP 1 0000 – Radio Caracas Radio and RCR 750 AM ID’s; to good peak over static. [MC*Y-MA]
- +OCT 20 0400 – Operatic rendering of Venezuelan anthem; over CBGY/WSB. {A} [MC*Y-MA]
- +JAN 3 2200 – “RCR presenta”; mixed with CBGY. [MC*Y-MA]
- +MAR 6 2300 – Man shouting “Viva Venezuela” and “socialismo”, then lively music; over CBGY. [MC*Y-MA]
- +APR 1 0300 – RCR siete cientos cincuenta AM ID; over CBGY. {A} [Connelly*Y-MA]
- +AUG 24 0000 – RCR siete cientos cincuenta AM ID; mixed with CBGY.
- +AUG 28 0100 – RCR ID in Spanish talk by man; over CBGY, Cuba, WSB. {A} [MC*Y-MA]
- 760 **BRAZIL** ZYH588, Radio Uirapuru, Fortaleza. OCT 9 2300 – Soft music, Alleluia mention, then into A Voz do Brasil program; good, alone on channel. {A} [MC*Y-MA]
- +FEB 9 2300 – Uirapuru ID in Portuguese talk by man, into apparent religious program; to fair peak over WJR. [MC*Y-MA]
- +APR 26 0000 – A Voz do Brasil program intro; dominant. {A} [MC-MA]
- +MAY 23 0101 – Uirapuru en Fortaleza ID followed by soft music interlude, man preaching in Portuguese; to fair peak. [MC-MA]
- +JUN 12 0045 – Man and woman with Portuguese religious talk; fair.
- +JUN 12 0100 – Radio Uirapuru, Fortaleza ID in Portuguese talk by man; over WJR. {A} [Connelly-MA]
- +JUL 21 0100 – Radio Uirapuru ID, man in Portuguese, tranquil music interlude; fair. [MC*Y-MA]
- +AUG 27 0000 – Man with Uirapuru ID, Portuguese religious talk; to fair peak. [MC*Y-MA]
- +AUG 31 0000 – Man in Portuguese then woman mentioning president, A Voz do Brasil mentions and fanfare music, “Radio Uirapuru AM, Fortaleza” ID; loud. {A} [MC*Y-MA]
- COLOMBIA** HJAJ, RCN Radio, Barranquilla. JUN 15 0100 – Sporting event coverage; over Brazil, WORA. [Connelly-MA]
- +AUG 29 0000 – Fast 4 note attention signal, RCN La Radio ID, 5+1 pips; over Brazil, WORA. {A} [MC*Y-MA]
- +AUG 31 0800 – RCN La Radio ID; dominant. [MC*Y-MA]
- MÉXICO** XEABC Mexico City, DF. AUG 3 1040 – noted with Mariachi music, “ABC Radio” ID in Spanish. A fair to poor signal was noted with no sign of WJR. [EB-MO]
- 770 **COLOMBIA** HJXX, RCN, Bogotá, JUN 15 0100 – Talk //760 HJAJ; under WABC.
- +JUN 20 0103 – Fast Spanish sportstalk; over WABC. [Connelly-MA]
- CUBA** Radio Rebelde, Victoria de las Tunas. SEP 1 0000 – Sports //670 et al; clobbering WABC. [MC*Y-MA]
- +JUN 7 0535 – Female song in Spanish has just faded up replacing WABC which faded out. Immediately matched to 5025, so it’s Radio Rebelde, 10 kW in Las Tunas-Victoria [GH-OK]
- +AUG 27 0001 – Usual spooky organ music, ID by man “Rebelde, la Habana, Emisora de la Revolucion”; alone on channel with WABC in deep antenna null. {A} [MC*Y-MA]
- 790 **CUBA** Radio Reloj, Pinar del Río and Holguín. OCT 26 0300 – Reloj over WPRV, WAXY. [MC*Y-MA]
- +JAN 10 0850 – noted with time signals, news items, “Radio Reloj” ID in Spanish, “RR” ID in Morse Code. Poor signal under WKRD. [EB-MO]
- MÉXICO** XENT, Radio Fórmula La Paz, La Paz, BCS. DEC 17 0657 – Radio Fórmula programming as usual, but instead of running the children’s choral version of the Mexican anthem from the main Radio Fórmula feed just before Midnight CST, they ran it at exactly Midnight local time (MST). I’ve noticed this on one or two other Radio Fórmula stations lately. Also, the program they were running after local Midnight said it was originating from (XERFR-FM) 103.3 FM, as opposed to XERFR-970. Relog. [TRH-CA]
- 800 **BONAIRE** PJB, TransWorld Radio, Kralendijk. SEP 1 0000 – ID Radio Transmundial desde Bonaire, las Antillas Holandesas; loud.
- +SEP 2 0100 – Woman with Radio Transmundial ID; good. {A} [MC*Y-MA]
- +OCT 21 0000 – Transmitiendo desde Bonaire in ID; popped up from mush to loud right at 0000 UTC. [MC*Y-MA]
- +NOV 12 2300 – Man (Bill Early) in English with “7 o’clock Atlantic Standard Time” and mention of “TransWorld Radio Bonaire here in the Caribbean Netherlands”; good. {A} [MC*Y-MA]
- +MAR 26 0000 – Soft music, woman in Spanish with Radio Transmundial ID; loud. {A} [Connelly*Y-MA]
- +JUN 9 0100 – Woman with “Radio Transmundial, desde Bonaire, isla holandesa” ID; over CJAD. {A}
- +JUN 12 0101 – Preaching by man in Spanish; to good peak.

- +JUN 15 0100 – Radio Transmundial ID by woman, religious talk by man; good. {A}
- +JUN 16 0200 – Man in Spanish with Radio Transmundial and Bonaire mentions, scripture about Macedonians; loud. {A} [Connelly-MA]
- +AUG 24 0000 – Piano music, woman "Muy buenas noches, Radio Transmundial..." atop jumble. [MC*Y-MA]
- MÉXICO** XEROK, Ciudad Juárez, Chih. OCT 12 1207 – XEROK doing well, must be running more power than usual, vs easily nulled KQCV OKC. Adstring including help-wanted for some engineer familiar with AM radio (for XEROK itself? apply at a street address on Insurgentes, which chex for XEROK). "800, bajo el cielo de Ciudad Juárez"; local news headlines, on "Calibre 800" (short for canal libre = clear channel) which seems to be the newscast name, on "Radio Cañón". 1210 finally starts the news with 6:09 TC; 1211 mix a bit of English, "Good morning, El Paso"; and "sí, hay clases, no hay día festivo", no holiday for students even though this is the Day of the Race. At this time you would not know the main format has converted to religion. [GH-OK]
- 810 **BAHAMAS** ZNS3, Freeport. NOV 25 1116 – Religious talk by man. Fair signal under dominant WHB. [MB-TX]
- BRAZIL** ZYH589, Radio Verdes Mares, Fortaleza. JUN 12 0100 – Woman in Portuguese; slightly over jumble. [Connelly-MA]
- COLOMBIA** HJCY, Caracol Radio, Bogotá. SEP 2 0100 – Caracol Radio ID; dominant. [MC*Y-MA]
- +OCT 11 0400 – Caracol Radio ID; over WGY, jumble of others. [MC*Y-MA]
- +FEB 19 0500 – Caracol Radio ID; over Cuban wobbler and WGY. {A} [MC*Y-MA]
- +JUN 20 0105 – Colombia sports; dominant. [Connelly-MA]
- +JUL 25 0100 – Caracol Radio IDs; mixed with WGY, others. [MC*Y-MA]
- +AUG 24 0000 – Caracol ID popped out of stew with WGY, WKVM, Brazil, and probable Bahamas and Cuba. [MC*Y-MA]
- CUBA** Radio Progreso, Guantánamo. APR 30 0400 – Woman with Radio Progreso ID, jazz, deep voiced male announcer; in even mix with WGY. Bahamas not noted. [MC-MA]
- MÉXICO** XERI, Reynosa, Tam. AUG 8 1110 – dominant signal from south, ID between songs as "Radio Rey, la más [poderosa?], seis, nueve minutos". Should not be claiming powerfulness, as IRCA Mex Log had it as only 1000/100 watts. XERI, Reynosa, Tamaulipas, and so does WRTH 2018. By now probably on hefty day power. On DX-398 vs heavy local storm noise. Our sunrise 1144 UT. [GH-OK]
- t **MÉXICO** XERSV, Ciudad Obregón, Son. NOV 29 1308 – looping SW, Mexican NA by kid chorus is playing; running late? 1310 losing to WHB and can't make out an ID before "...AM" in Spanish. Then some Christmas music, Greensleeves, 1316 Merry Little Xmas in English so probably a third station. The only Mexican fit is XERSV, Tribuna Radio, Ciudad Obregón, Son, 5 kW daytimer. (Tim Hall has confirmed that XESB in Chihuahua is gone.) [GH-OK]
- 820 **CUBA** CMDE, Radio Reloj, Contramaestre. OCT 11 0400 – Reloj ticks and talk; mostly over WNYC, low growls (one station FMing on audio peaks).
- +OCT 21 0000 – Reloj with en La Habana, Cuba mention, over WNYC and wobbler. [MC*Y-MA]
- +JUN 10 0400 – Dominant. [Connelly-MA]
- CUBA?** SEP 2 0100 – Wobbler mixed with WNYC. [MC*Y-MA]
- MÉXICO** XEABCA, Mexicali, BCN. SEP 11 1217 – canned ID amid romantic music with heavy beat, as "Canal ochocientos veinte, ABC Radio". It's been making a SAH with WBAP of slightly under 1 Hz, about 55 fades per minute, first noticed a few minutes earlier but peaking now with WBAP nulled as much as possible. WRTH 2018 shows 3.5/0.5 kW, named instead Radio Frontera. IRCA Mexican Log of 2015. Contains both names. Not bad at a kilomile, especially if on night power as it should be, and non-directional per NRC Pattern Book of 2013 (a new edition of 2018 has just been published!). But not too unusual here on SRS. [GH-OK]
- +OCT 25 1255 – 7 minutes after LSR, the lower XE frequencies have already outfaded, but this is still in with romantic music vs WBAP nulled, presumed XEABCA Mexicali, but fades/loses out to WBAP before any ToH ID [GH-OK]
- +NOV 1 1241 – romantic music in Spanish over WBAP which a few minutes earlier had been dominant; 1242 canned female ID as "Canal ochocientos veinte, ABC Radio", and back to more romantic music, a title starting with "Amor---". Now I measure its SAH separation from WBAP at less than 1 Hz, 48 per minute or 0.8 Hz. My sunrise today 1255. [GH-OK]
- +NOV 29 1321 – canned female ID as "Canal Ochocientos Veinte, ABC Radio" and back to romantic music, easily separable from WBAP at the moment, just before LSR of 1321 UT. It's XEABCA in Mexicali BCN, which really gets out, and frequently non-IDs. [GH-OK]
- +JAN 15 1344 – "Canal ocho-veinte, A-B-C Radio" canned ID between tunes, like at almost every break; with WBAP nulled, which can be very weak here, as XEABCA Mexicali hops in by SRS; just before, the only Spanish propagating lower were on 660, 720. Our LSR is inching earlier, 1342. [GH-OK]
- MÉXICO** XEBA, *La Consentida*, Guadalajara, Jal. DEC 23 0601 – Under XEABCA with uptempo adult choral version of Mexican anthem, "consentida" slogans. Relog. [TRH-CA]
- 830 **DOMINICAN REPUBLIC** HIJB, Santo Domingo. OCT 23 0300 – HIJB (ahch ee hota bay) ID; in mix with WCRN. {A} [MC*Y-MA]
- 840 **CUBA** CMHW, Dobleve, Santa Clara. OCT 29 1000 – Interval music, man "Esta es Dobleve, desde Santa Clara, en el centro de Cuba"; good. {A} [MC*Y-MA]
- +APR 12 0400 – Cuban anthem, ID "Esta es Dobleve, desde Santa Clara en el centro de Cuba.", Ritmo de la Noche program; good/dominant. {A} [Connelly*Y-MA]
- +JUL 19 0300 – Dobleve theme music, talk; mixed with WHAS. [MC*Y-MA]
- +AUG 24 0000 – Talk "transmitiendo desde Santa Clara"; slightly atop pile-up. [MC*Y-MA]
- HAITI** Radio-Télé 4VEH, Cap Haitien-Petite Anse. SEP 1 0000 – Man "Ici radio 4VEH"; over mess. [MC*Y-MA]
- +OCT 19 0300 – 5-note electronic Dashing Through the Snow theme at 0300:30, man in French; under WHAS. [MC*Y-MA]
- +MAR 6 2300 – "Dashing Through the Snow" 5-note interval signal; dominant. [MC*Y-MA]
- +JUL 20 0101 – Dashing through the Snow 5-note interval signal, man "Vous écoutez Radio 4VEH"; good. {A} [MC*Y-MA]
- +AUG 29 0000 – Dashing Through the Snow interval signal; in jumble. [MC*Y-MA]
- 850 **COLOMBIA** HJKC, Candela 850, Bogotá. APR 26 0001 – Candela mention in Spanish talk by man; under WEEI. {A}
- +APR 28 0400 – Vocal sometimes over WEEI. {A} [MC-MA]
- MÉXICO** XEMIA, Radio Disney 90.3 FM, San Pedro Tlaquepaque, Jal. JAN 5 0558 – Somewhat auroral conditions tonight, so no more KICY. Tonight it's back to XEMIA mixing with KOA. English and Spanish pop music //web stream. Full (4:40) children's choral version of Mexican anthem started 1 minute and 50 seconds after local Midnight, followed by ID, which only mentioned FM. This station will presumably leave AM later this year, making 850 an even more wide-open frequency. Relog. [TRH-CA]
- MÉXICO** XEZF Mexicali, BCN. SEP 9 1300 – with XEZF call letters and mention 850 and location. Alone with good signal. No sign of KOA. 80th Mexican station logged from Mesa. [JcJ-AZ]
- 860 **CUBA** Radio Reloj synchros. OCT 11 0400 – //strong 870; over CJBC, others.
- +OCT 21 0000 – Reloj program; over CJBC and jumble-mess. [MC*Y-MA]
- +APR 11 0500 – Reloj talk, "RRR" beeps; over CJBC. [Connelly*Y-MA]
- +JUN 10 0400 – Reloj program; over CJBC. [Connelly-MA]
- MÉXICO** XEMO, Tijuana, BC. NOV 1 1247 – KKOW Pittsburg KS C&W is getting CCI in Spanish, but cannot mutually null them, ie close to opposite direction. They both null at the same position, audiblizing French from CBKF-2 Saskatoon. 1301 Mexican NA, short choral version, and 1303 "XEMO, La Poderosa 860, música de recuerdo", non-sign-on info with street address, website, and then prayer to María. XEMO is 10/7.5 kW from Tijuana BCN, which in fact is almost exactly opposite to here from KKOW, but six times further. [GH-OK]
- ST KITTS AND NEVIS** Voice of Nevis, Bath Village. JUN 15 0100 – Man with "all the power from the tower" and "VON Radio" mentions; poor to fair. {A} [Connelly-MA]
- +AUG 29 0100 – Caribbean-accent local talkshow, mentions of criminal activities, death penalty; over jumble with Reloj, others. [MC*Y-MA]
- 870 **CUBA** Radio Reloj synchros. SEP 1 0000 – Man with "ocho de la noche" time and woman with ID "Radio Reloj desde la Habana, Cuba"; good, way over WLVP. {A} [MC*Y-MA]
- +OCT 21 0000 – Reloj program; killing WLVP. [MC*Y-MA]
- +MAR 27 0400 – Radio Reloj ID, times for various world capitals separated by doorbell chimes; good/dominant. {A} [Connelly*Y-MA]
- +JUN 10 0400 – Reloj program; over WLVP. [Connelly-MA]
- +AUG 27 0000 – Reloj program clobbering WLVP. [MC*Y-MA]
- MÉXICO** XETAR, La Voz de la Sierra Tarahumara, Cuauhtemoc, Chih. SEP 11 1202 – sign-on procedure with many IDs in Spanish and native languages, also singing, mentions of CDI parent agency [concesionario: COMISION NACIONAL PARA EL DESARROLLO DE LOS PUEBLOS INDÍGENAS]. On the DX-398 it's separable from WWL remnants. I've seen its website before, but looking for it in the WRTH 2018, on page 281, 870 XETAR is keyed as station CH18) in Chihuahua state – but the referenced entry on page 284 for CH18) is obviously some other station, in Cuauhtemoc! If XETAR be somewhere else in the CH section, I haven't found it, but I do notice another likely typo: CH12) as readiocanon800@latinmail.com. [GH-OK]

- +OCT 12 1215 – La Voz de la Sierra Tarahumara going from Spanish to native language, leisurely opening announcements including phone numbers for CDI and other government agencies, mixed with bits of rustic music. Good dominant signal from Guachochi, Chihuahua, hardly any WWL to be heard even if nulled. [GH-OK]
- +NOV 1 0052 – XETAR music and female DJ with 5:52 TC, about to close down daytimer at 6:00. La Voz de la Sierra Tarahumara at first atop WWL, then making fast SAH with it. I'm accustomed to hearing this around sunrise. [GH-OK]
- 880 **CUBA** Radio Progreso, Pinar del Río. OCT 15 0400 – Radio Progreso ID, Cuban anthem jumbled with WZAB (Live Talk in Miami mention); both over WCBS. {A} [MC*Y-MA]
- MÉXICO** XEAAA, *Radio Mujer 92.7 FM*, Guadalajara, Jal. DEC 17 0600 – High choral version of Mexican anthem, under KKMC and KCMX. This is the last Mexican station left on 880 AM (at least until the CP for XECHEP-880 Chihuahua comes on). Formats have been swapped between the 880 and 1040 stations, presumably because XEAAA has an FM but XEBBB does not (ie, they moved the leased Catholic programming to the station which didn't get an FM allocation). Relog. TRH-CA]
- 890 **CUBA** Radio Progreso, Chambas. OCT 15 0401 – Jazz, Progreso theme music, ID "Radio Progreso, Cadena Nacional", anthem; way over WAMG, WLS. {A}
- +OCT 19 0400 – Radio Progreso, cadena nacional ID by man, theme music, Cuban national anthem; near-local strength. {A}
- +OCT 21 0000 – Tropical music //640, 900; huge, clobbering WAMG/WLS. [MC*Y-MA]
- +DEC 15 1135 – noted with news analysis and mentions of Cuba in Spanish. Fair signal in WLS null. [EB-MO]
- +JUN 10 0359 – Progreso theme vocal and ID; mostly over WAMG. {A} [Connelly-MA]
- 900 **CUBA** Radio Progreso, San Germán-Urbano Noris. OCT 21 0001 – Music //890; under CHML. [MC*Y-MA]
- +APR 30 0400 – Cuban anthem, Progreso ID; way over CHML. {A} [MC-MA]
- +JUN 10 0359 – //890 et al with theme vocal, man "Radio Progreso, cadena nacional" ID, more theme vocal, then anthem; huge. {A} [Connelly-MA]
- MÉXICO** XEW, México, DF. DEC 11 1006 – noted with "XEW" ID in promo into Christmas music in Spanish. Good signal over CHML. [EB-MO]
- UnID** DEC 23 0602 – While XEW was playing the national anthem, another station faded up with a male announcer in Spanish. He seemed to mention "su estación" and partial call sign "XH..." before an ill-timed fade. This would almost have to be needed XEOK, but I heard nothing that sounded like Radio Disney programming or their main slogan "la radio que te escucha." They also did not run a Mexican anthem. [TRH-CA]
- 910 **CUBA** Radio Cadena Agramonte, Camaguey. SEP 1 0000 – ID Transmite Radio Cadena Agramonte, Camaguey, Cuba; good, over WABK. [MC*Y-MA]
- +JUN 20 0300 – Man with ID "Transmite Radio Cadena Agramonte, Camaguey, Cuba"; to good peak, dominant. {A} [Connelly-MA]
- +AUG 27 0001 – Four ascending doorbell chimes, fanfare music, man "Transmite Radio Cadena Agramonte, Camaguey, Cuba"; good peak though audio was excessively compressed/somewhat mushy. {A} [MC*Y-MA]
- VENEZUELA** YVRQ Radio Q 910, Maiquetía. OCT 11 0400 – Venezuelan anthem; mixed with WABK, Cuba. [MC*Y-MA]
- 940 **BRAZIL** ZYJ453, Rio de Janeiro. JUN 20 0127 – Male preacher in Portuguese; briefly over WIPR. [Connelly-MA]
- 940 **COLOMBIA** HJTL, RCN, Cucuta. JUN 15 0100 – 5+1 RCN pips //760 HJAJ; in jumble with WIPR, Brazil, others.
- +JUN 20 0200 – Sports //1000 HJAJ; mixed with others. [Connelly-MA]
- +AUG 31 2359 – RCN ID's; slightly over WIPR. {A} [MC*Y-MA]
- MÉXICO** XEQ México, DF. MAR 12 0835 – noted with news mentioning various Mexican states, "Qué Buena 940" ID into pop music in Spanish. Fair signal, mixing with KPSZ. [EB-MO]
- t **MÉXICO** XERKS, Reynosa, Tam. JUN 7 1112 – tropical music from N/S, 1114 maybe ID just at our earliest sunrise, but too much splash from local 960 KGWA. There are no US Spanish along this axis, and very likely XERKS Reynosa, Tamaulipas, 1/1 kW, with a romántica format. Some other 940s have left for FM, per IRCA Mexican log, such as XEYJ in Coahuila, but not including XEQ. [GH-OK]
- PUERTO RICO** WIPR, San Juan. SEP 2 0000 – Woman with WIPR ID and San Juan mention in Spanish talk; good. {A} [MC*Y-MA]
- +OCT 15 0400 – WIPR ID, woman in Spanish; in jumble.
- +OCT 21 0000 – ID WIPR AM... San Juan Puerto Rico in Spanish talk by woman; over jumble of stations and ~940.25 assumed-HJGB growl. [MC*Y-MA]
- +JAN 5 2300 – Woman "Esta es WIPR nueve cuarenta AM, San Juan, Puerto Rico", website info; dominant. {A} [MC*Y-MA]
- +JUN 20 0100 – Tropical vocal, woman with WIPR nueve cuarenta AM, San Juan, Puerto Rico ID, web link; good. {A}
- +JUN 20 0125 – Woman with WIPR ID, festive music; dominant. [Connelly-MA]
- +JUL 19 0300 – Woman with WIPR nueve cuarenta AM ID; dominant. [MC*Y-MA]
- +AUG 29 0001 – Woman with "WIPR nueve cuarenta San Juan" ID; dominant. [MC*Y-MA]
- UnID** DEC 17 0707 – Children's choral version of Mexican anthem under KFIG in massive XEKAM-950 IBOC slop (XEKAM runs IBOC 24/7 except during the National Hour and occasionally other times on evening weekends). Normally on this wire I get XERLA, but I have yet to hear them running the anthem around local Midnight (they do occasionally run the long children's choral version around 6am, so it could well be them, but I suppose it could also have been XEMMM coming out of the National Hour in Pacific time). [TRH-CA]
- 950 **CUBA** Radio Reloj, CMBD, Arroyo Arenas/Camagüey-Isábel Hortensia. DEC 13 0849 – noted with "RR" ID in CW, time signals, news items and "Radio Reloj" IDs in Spanish. Fair to poor signal, mixing with KXJK, WAKM and WWJ. [EB-MO]
- +JUN 20 0300 – Reloj program; over WKDN. [Connelly-MA]
- +AUG 29 0000 – Wobbler under WROL. [MC*Y-MA]
- 960 **CUBA** Radio Reloj, Guantanamo. JUN 20 0300 – Reloj ticks, talk, RR beeps; mixed with domestics. [Connelly-MA]
- 970 **MÉXICO** XERFR, *Radio Fórmula*, México, DF. DEC 23 0559 – Children's choral version of Mexican anthem (as used on all Radio Fórmula outlets) //XEMON-1370. Relog, but fairly rare here. [TRH-CA]
- 990 **COLOMBIA** HJCH, RCN Radio, Medellín, JUN 20 0200 – Sports //1000 HJAJ; briefly over CBY/WDCX/WNTP jumble. [Connelly-MA]
- CUBA** Radio Guamá, Pinar del Río. OCT 19 0400 – Doorbell chimes, Radio Guama ID, Cuban national anthem; way over CBY. {A} [MC*Y-MA]
- MÉXICO** XET, Monterrey, NL. JAN 28 1017 – light vocal music, "La T Grande" ID in Spanish. Fair to poor signal through CBW. [EB-MO]
- 1000 **BRAZIL** ZYK522, Radio Record, São Paulo. AUG 28 0000 – Portuguese talk by man, "A Voz do Brasil" intro; fair over hiss from WINS IBOC. {A} [MC*Y-MA]
- 1000 **COLOMBIA** HJAJ, RCN La Radio, Cartageña. SEP 29 0301 – RCN La Radio IDs; dominant. [Connelly*Y-MA]
- +APR 11 0500 – RCN mention; poor. [Connelly*Y-MA]
- +JUN 15 0100 – Sporting event, 5+1 pips //760 HJAJ; in IBOC hash, Brazil under. [Connelly-MA]
- +AUG 31 0100 – Classico RCN slogan, pips, Banco Popular advert; dominant. {A} [MC*Y-MA]
- CUBA** Radio Granma, Media Luna. OCT 11 0400 – Radio Granma ID, Cuban anthem; fair over IBOC hash and wobbler.
- +OCT 14 0300 – Radio Granma ID, 9-note tinkly chimes; dominant over IBOC hash. {A}
- +OCT 15 0400 – Radio Granma ID, sped-up chimes; over others. {A} [MC*Y-MA]
- +APR 18 0301 – 9-note Granma chimes; over apparent Colombia. [Connelly*Y-MA]
- +JUN 12 0100 – Woman "Transmite Radio Granma", 9-note tinkly chimes; dominant. {A} [Connelly-MA]
- +AUG 31 0301 – Spacey sound effects, chime, woman "Transmite Radio Granma"; over other Latin Americans. Some wobbling noted, maybe from Radio Artemisa. {A} [MC*Y-MA]
- CUBA** ?. OCT 21 0000 – Bad wobbler; over UnID tropical music. [MC*Y-MA]
- MÉXICO** XEOY, *Mil AM*, México, DF. DEC 13 1057 – noted with pop music and ID in Spanish. Fair to poor signal in WMVP null. [EB-MO]
- +DEC 23 0601 – Faded up under KOMO/KCEO with slightly uptempo adult choral version of Mexican anthem. My local XEC-1310 appears to have stopped relaying XEOY recently. [TRH-CA]
- 1010 **BRAZIL** ZYH625, Radio CBN, Fortaleza. JUL 21 0100 – Portuguese sports shouting, Fortaleza mention; mixed with WINS. {A} [MC*Y-MA]
- +AUG 30 2359 – Woman and man in Portuguese; sometimes over WINS. {A}
- +AUG 31 0000 – A Voz do Brasil program intro; atop WINS. {A} [MC*Y-MA]
- MÉXICO** XEHL, *W Deportes*, Guadalajara, Jal. DEC 17 0601 – Faded up under KCHJ and KIHU (which was running day rig again) with adult choral version of Mexican anthem //XEX-730. Relog. [TRH-CA]
- 1020 **CUBA** Radio Artemisa, Artemisa. OCT 11 0359 – Woman in Spanish, Cuban anthem; fair, over probable KDKA. Radio Artemisa close-down per Mauricio Molano (RealDX). {A} [MC*Y-MA]
- 1029.73 **UnID** JUN 20 0054 – Weak het on WBZ. [Connelly-MA]
- 1039.61 **VENEZUELA** La Voz de Carabobo, YVLB, Valencia. MAY 23 0100 – Male Spanish vocal through top-of-hour. [MC-MA]

- 1040 **COLOMBIA** HJAI, Radio Tropical, Barranquilla. SEP 1 0000 – Radio Tropical ID during CJMS fade. Best on USB to dodge 1039.61 Venezuela growl. [MC*Y-MA]
 +APR 12 0400 – Barranquilla and Radio Tropical mentions; over possible Brazil. {A} [Connelly*Y-MA]
 +JUN 15 0100 – Old style vocal, man with Radio Tropical ID; fair to good. {A} [Connelly-MA]
 +AUG 28 0000 – Electronic sounder, man with Radio Tropical ID, another sounder; fair, dominant. {A} [MC*Y-MA]
- 1050 **MÉXICO** XEBCS, *La Radio de Surcalifornia*, La Paz, BCS. DEC 17 0657 – Blasting in with US rock oldies, adult choral version of Mexican anthem (this is a change; they previously ran the children's choral version), followed by long version of BC Sur state anthem, which I have also never heard them run before. Usual full ID mentioning FM 99.1, then into Sinaloa-style regional Mexican music. Relog. [TRH-CA]
MÉXICO XEG, Monterrey, NL. SEP 30 0524 – dominant with male Spanish speaker; in best null of XEG, CJNB was no better than equal in strength. [JP-AB]
 +DEC 22 1220 – over/under domestics, ranchera music, La Ranchera de Monterrey ID's, many mentions of Monterrey. [BJ-TN]
 +AUG 3 1027 – noted with Ranchera music, local ads, "XEG" ID in Spanish. A fair to poor signal was noted, mixing with CHUM, KLOH, WNES and WTWG. [EB-MO]
- 1060 **CUBA** CMGW Radio 26, Jovellanos. APR 12 0400 – Cuban anthem; mixed with WQOM. {A} [Connelly*Y-MA]
 +JUN 10 0400 – Cuban anthem; evenly mixed with WQOM. {A} [Connelly-MA]
DOMINICAN REPUBLIC HIRV, Radio Amanecer, San Pedro de Macoris. SEP 1 0001 – Man "desde Santo Domingo"; over WQOM. {A} [MC*Y-MA]
MÉXICO XERDO, Reynosa, Tama. DEC 15 1123 – noted with Norteña music, "La Raza 1060" ID in Spanish. Fair to poor signal, mixing with KYW and WLNO. [EB-MO]
- 1070 **COLOMBIA** HJAH, Emisora Atlantico, Barranquilla. SEP 1 0000 – Emisora Atlantico jingle popped through at 0000:40; poor in mix with Radio Santa Fe and pesty Cuban wobbler. [MC*Y-MA]
COLOMBIA HJCG, Radio Santa Fe, Bogotá. SEP 2 0300 – Two Radio Santa Fe ID's; over UnID Latin American. [MC*Y-MA]
 +APR 18 0301 – Radio Santa Fe ID; over Cuban wobbler, some IBOC hash. [Connelly*Y-MA]
 +JUN 20 0201 – Radio Santa Fe, mil setenta AM IDs; fair. {A} [Connelly-MA]
 +JUL 21 0100 – Radio Santa Fe IDs; alone on channel. [MC*Y-MA]
MÉXICO XESP, *Rock and Soul 91.9*, Guadalajara, Jal. DEC 17 0600 – Under KNX with children's choral version of Mexican anthem. Relog. [TRH-CA]
- 1100 **BRAZIL** ZYK694, Radio Globo, São Paulo. AUG 31 0100 – Reverberated Portuguese talk; in jumble. [MC*Y-MA]
COLOMBIA HJAT, Caracol Radio, Barranquilla. JUN 15 0101 – Adverts, artificially sped up talk. [Connelly-MA]
COLOMBIA HJCN, BBN Radio, Bogotá. MAR 26 0000 – Talk "en Bogotá, Colombia"; dominant. {A} [Connelly*Y-MA]
MÉXICO XETGO, *Radio Cañon*, Tlaltenango, Zac. DEC 17 0600 – Faded up under KFAX/KWWN with slightly slow tempo children's choral version of Mexican anthem as logged at the Border Inn. New, ZAC #11, Mexico #311, station #1450 from home. [TRH-CA]
- 1100.2 **UnID** JUN 20 0200 – Weak het. [Connelly-MA]
- 1110 **CUBA** Radio Angulo, Holguín. OCT 21 0000 – Spacey theme music, man with ID "Radio Angulo, transmitiendo desde Holguin, Cuba", 6 chimes; mixed with WBT on similar bearing. {A}
 +OCT 23 0300 – Radio Angulo ID by woman; over WBT. [MC*Y-MA]
 +MAR 27 0400 – Cuban anthem; a bit behind WBT. {A}
 +APR 18 0300 – ID "Radio Angulo, transmitiendo desde Holguin, Cuba", 6-note chimes; booming over WBT. {A} [Connelly*Y-MA]
 +AUG 31 0100 – Old fashioned vocal //740; dominant. [MC*Y-MA]
- 1130 **BRAZIL** ZYJ460, Radio Nacional, Rio de Janeiro. OCT 26 0301 – Likely this with man in Portuguese; under WBBR. [MC*Y-MA]
- 1140 **MÉXICO** XEMR, Monterrey, NL. JAN 28 1040 – noted with Norteña music, "Radio Esperanza" ID in Spanish. Fair signal over KHFX through WRVA. [EB-MO]
- 1150 **CUBA** Radio Bayamo, Bueycito. MAR 27 0400 – Cuban anthem; atop WWDJ-MA/WDEL-DE. {A} [Connelly*Y-MA]
 +JUN 10 0400 – Cuban national anthem; under WDEL/WWDJ. [Connelly-MA]
MÉXICO XEAD, *Metrópoli*, Guadalajara, Jal. DEC 23 0559 – This station's unusual slow time pips (2 seconds apart) were easily heard through XEUAS and KEIB. Faded up a minute later with Notisistema news in progress. They eventually got around to running their slightly uptempo adult choral version of the Mexican anthem at 0606. Relog. [TRH-CA]
MÉXICO XEUAS, *Radio UAS*, Culiacán, Sin. DEC 17 0657 – Steady signal under KEIB with overnight classical music program and full (4:40) children's choral version of Mexican anthem. Relog. [TRH-CA]
- 1170 **COLOMBIA** HJNW, Caracol Radio, Cartageña. OCT 26 0300 – Caracol Radio spoken and jingle IDs; good. {A} [MC*Y-MA]
 +JUN 9 0300 – Fast talk, fanfare music, man with "Ultima Hora Caracol" mention; good. {A}
 +JUN 12 0100 – Several Caracol Radio IDs; good. {A} [Connelly-MA]
 +AUG 31 0100 – Ultima Hora Caracol //810; fair, alone on channel. [MC*Y-MA]
- 1180 **CUBA** Radio Rebelde synchros. DEC 11 1039 – noted with a discussion, "Rebelde" mentions in a promo into another discussion, "Rebelde" mentions in Spanish. Fair to poor in WHAM null with splash from KQQZ 1190. [EB-MO]
 +DEC 17 0700 – 9-note Rebelde attention signal heard from at least 2, and possibly 3 transmitters, the third one coming a second or so after the first 2. If I were a bit more sure about the third signal, it would be new. Relog. [TRH-CA]
 +AUG 5 0920 – noted with light vocal music, announcements in Spanish //5025. A fair to poor signal was noted, mixing with WGAB, WHAM. [EB-MO]
- 1190 **COLOMBIA** HJCV, Radio Cordillera, Bogotá, MAR 26 0000 – Woman with Radio Cordillera ID; a bit under WLIB. {A} [Connelly*Y-MA]
 +AUG 31 0000 – Radio Cordillera ID; mixed with WLIB. {A} [MC*Y-MA]
MÉXICO XEWK, *W Radio*, Guadalajara, Jal. DEC 17 0600 – Mexican government PSA, "W Radio" slogan, into slightly uptempo adult choral version of Mexican anthem. Relog. [TRH-CA]
- 1200.17 **UnID** JUN 15 0100 – Weak het on WXKS. [Connelly-MA]
- 1230t **MÉXICO** XEIZ, Radio Fórmula, Monterrey, NL. JUN 3 1059 – as I am hoping to ID something domestic just before our sunrise 1115 [almost to earliest 1113 in a week], instead I definitely hear in the graveyard jumble the choral strains of the Mexican NA, looping roughly south. IRCA Mexican log lists only 6 on 1230, uncertain status for some (vs 13 on 1240 which don't have to protect clear channel 1220). The closest and most likely, especially if on 10 kW day power, is XEIZ, also in the UT-5 zone where a NA would be expected at 6 am CDT. [GH-OK]
- 1250 **MÉXICO** XEDK, D-K 12-50, Guadalajara, Jal. JAN 5 0559 – Alone on the channel at times. Male announcer gave slogan "D-K 12-50 AM" then introduced the national anthem, which was the very slow orchestral version used by all Radiorama Occidente stations. Relog but fairly rare here. [TRH-CA]
- 1290.3 **BRAZIL** ZYH888, Radio Timbira do Maranhão, São Luís. OCT 14 0300 – Highly reverberated Portuguese talk, blues-rock male vocal; fair on USB. {A} [MC*Y-MA]
 +MAR 25 0300 – Fast reverberated Portuguese talk by man; on USB to dodge 1290 WKBK.
 +APR 17 0000 – Reggae vocal, excited talk by man in Portuguese; fair. [Connelly*Y-MA]
 +JUL 21 0100 – Reverberated Portuguese sports shouting by man; audible on USB. [MC*Y-MA]
- 1300 **MÉXICO** XEP, Ciudad Juárez, Chih. FEB 6 1402 – Spanish in the QRM with 7:02 TC, mention Ciudad Juárez, temp in C; surely XEP but losing out to Tulsa. ID not heard but it's now "Fiesta Mexicana" per Tim Hall and WRTH. No lower XEs being heard this long after LSR, 1329. Its 38 kW day power helps. Even earlier and at night I have been hearing zilch from XEROK 800, with KQCV OKC nulled. XEROK must be back on QRP if on the air at all. [GH-OK]
- 1300 **MÉXICO** XEXW, *La Bestia Gruper*, Nogales, Son. SEP 12 1300 – out of Mexican National Anthem with XEXW AM and mention of power and location. Dominant signal. No sign of XEP nor KROP. 81st Mexican station logged from Mesa. [JcJ-AZ]
 +DEC 23 0600 – Mixing with XEP, with pre-recorded IDs by female announcer ("la bestia gruper" followed by male announcer "1300 AM." They really seem to be getting out better this year. Not sure if it was this station or XEJL that played the adult choral version of the Mexican anthem an hour later. Relog. [TRH-CA]
- 1310 **MÉXICO** XETIA, *Radio Vital*, Tonalá, Jal. DEC 17 0600 – Nice signal through local XEC's open carrier with ID by female announcer: "Usted escucha XE-Tia AM, Radio Vital, desde Guadalajara, Jalisco, Mexico" (this was preceded and followed by a brief oboe theme). XEC returned in mid-sentence a few seconds later with brokered religious programming. [TRH-CA]
MÉXICO UnID JUN 7 1103 – choral Mexican NA loops between South and SSW; 1105 announcement by super-hype voice actor, probably full ID but just too much QRM. From direction, timezone and power, most likely is XETIA in Guadalajara (as in tapatía), but lesser stations also in Taxco, Monterrey and Puebla if not the CP in Querétaro. Then it's overcome by another Spanish from east/west, must be United Statesian, ie KZIP. [GH-OK]

- UnID** DEC 23 0600 – Children's choral version of Mexican anthem audible through local XEC's open carrier, under XETIA after XETIA's anthem ended. XEC came back on the air before it finished. This is almost certainly XEHIT, logged at the Border Inn but still needed from home. XETIA was still audible even after local XEC came back on. [TRH-CA]
- 1350t **MÉXICO** XETB, Radio Laguna, Gómez Palacio, Dur. JAN 3 1358 – Female announcer with "La Red de Radio Red" newscast from XERED-1110. I'm almost certain this is XETB (I can't eliminate XELBL, because they only have a half-built web page from over a decade ago, but I would expect them to be playing an anthem at this hour). XETB's web page states that they run XERED's "La Red de Radio Red" morning news program from 5:45-10am M-F local time. Relog. [TRH-CA]
- 1370 **MÉXICO** XEPJ, *Radio Ranchito*, San Pedro Tlaquepaque, Jal. DEC 17 0602 – Distinctive slow orchestral version of the Mexican anthem (other stations in this ownership group, such as XEDKT-1340, use this version, which slows down even more at the end). At the top of the following hour, I caught most of an ID, including very clear mentions of their slogan and location, so they are 24h now. Relog. [TRH-CA]
- 1380 **MÉXICO** XECO, *Romántica 13-80*, México, DF. DEC 17 0557 – Children's choral version of Mexican anthem in progress, "Romántica 13-80" slogan, Mexican government PSAs. Caught a nice full ID the following hour with call letters, slogan, studio location, phone numbers, and mention of 50kW. Announcer wished listeners "Feliz Navidad," and ended the announcement with Santa Claus "Ho ho ho!" Relog. [TRH-CA]
- 1410 **MÉXICO** XEKB, *Canal 14-10*, Guadalajara, Jal. DEC 17 0600 – Faded in during ID, mentioned studio address Avenida Francia 1783, Guadalajara, into fast choral version of Mexican anthem (possibly the same version used on XEBS). Relog. [TRH-CA]
- 1439.71 **UnID** JUN 12 0100 – Weak het on WRED. [Connelly-MA]
- 1440 **MÉXICO** XEEST, *Quiéreme 14-40*, México, DF. DEC 17 0557 – Spanish religious programming, possible mention of Grupo Siete. Children's choral anthem at 0601 exactly as heard on XEEST's web stream recently. I would normally expect to hear XEABCJ on this antenna, but they run a grupera program at this hour, and have not been running an anthem at Midnight recently. (When they do run one, it's usually about 5 minutes after the hour. XEABCJ's web stream sounds terrible this week; I wonder if it's actually going out over the air like that?). XEEST's format is an odd mix of talk, religious, and motivational programming. They temporarily moved this format to XEINFO-1560 (which had been silent for 9 years) from May-October 2017 before returning to 1440. According to one of the churches whose programs run on XEEST, this move was temporary to allow XEEST to upgrade their facilities. Speaking of XEINFO-1560, they apparently re-emerged in November as XHINFO-105.3, the only FM migration allocation granted in Mexico City, despite seemingly being one of the least deserving stations. They appear to have launched the FM ("Aire Libre" – see <http://airelibre.fm/>), seemingly without ever restarting the AM and going through a simulcasting period. XEEST is new, DF #25, México #314, station #1453 from home. [TRH-CA]
- 1480 **MÉXICO** XEZJ, *Simplemente Supérate*, Tonalá, Jal. DEC 17 0601 – Distinctive slow orchestral version of the Mexican anthem (other stations in this ownership group, such as XEDKT-1340, use this version, which slows down even more at the end). Relog. [TRH-CA]
- UnID** DEC 23 0600 – High choral version of Mexican anthem barely audible through massive XERCN-1470 slop. It sounded like high adult voices in the chorus, but it was hard to tell through all the slop. If it was a children's chorus, then this was likely needed XETKR. The only other possibility is XEVIC, also needed, but even less likely on this antenna. [TRH-CA]
- 1499.768 **UnID** JUN 12 0100 – Weak het on WFED. [Connelly-MA]
- 1500 **MÉXICO** XEDF, *Radio Fórmula*, México, DF. DEC 23 0557 – Alone on the channel tonight with full ID, promos, and children's choral version of Mexican anthem from Radio Fórmula network feed. Conditions sure seemed auroral this week! Where was KSJX? [TRH-CA]
- 1510 **ECUADOR** HCIO2, Radio Naval, Guayaquil. JUN 20 0259 – Time signal format with pips each second, announcement by man in Spanish each minute. Thanks to Aart Rouw and Karel Honzik (RealDX forum) for ID help. Dominant. {A} [Connelly-MA]
- MÉXICO** XEQI, *Opus 15-10 AM/Radio Nuevo León*, Escobedo, NL. DEC 17 0601 – Instrumental version of Mexican anthem, ID by male announcer. Relog. [TRH-CA]
- +MAR 12 0654 – noted left on overnight with Classical music, host recapping the selection played and local ads in Spanish. Fair signal through WLAC. [EB-MO]
- 1520 **MÉXICO** XEEH, *La Primera*, San Luís Rio Colorado, Son. DEC 17 0557 – Regional Mexican music, slogan-ID "La Primera, San Luís Rio Colorado." Lately I've been hearing KMPG (cheating daytimer staying on all night) on this channel instead of XEEH. Relog. [TRH-CA]
- 1520.07 **UnID** JUN 15 0059 – Colombian style accordion in fast song; briefly getting by WWKB. [Connelly-MA]
- 1530 **MÉXICO** XEUR, *Éxtasis Digital*, México, DF. DEC 23 0558 – Way under KFBK with children's choral version of Mexican anthem, ID by female announcer. Relog. [TRH-CA]
- 1560 **UnID** DEC 17 0601 – Suddenly appeared over KNZR and XEPE-1700 image (the Perseus picks up a mixing product of XEUT-1630 and XEPE-1700, two of my closest locals) with start of children's choral version of Mexican anthem. This could be unneeded XEJPV, unneeded XELAC, or needed XECHZ, all of which might air this version at this hour. I did not hear XECHZ's piccolo/marimba theme, or anything else, after the anthem, which would tend to point to XELAC (they go off the air right after the anthem). A few seconds before this station faded out, a third Spanish station briefly faded up before KNZR eventually took over. I think the third station might have been XEJPV. [TRH-CA]
- 1569.5 **UnID** JUN 20 0300 – Weak het. [Connelly-MA]
- 1570 **MÉXICO** XERF, Ciudad Acuña, Coah. DEC 11 2007 – on caradio, Spanish here could be groundwave from KTUZ Tulsa, but no, it's already skywave from XERF, "La Poderosa" IDs associating that with FM 103.9 as much as with 1570, an IMER station in Ciudad Acuña, Coahuila. XERF really is powerful, allegedly 100 kW, while several peanut-power outlets also brand themselves as Poderosas; who's to know any better? This is three hours and ten minutes before our earliest sunset at 2317 UT. XERF heard again the next day same time. [GH-OK]
- +DEC 14 0637 – noted with Norteña music, local announcements and "La Poderosa" ID in Spanish. Fair to poor signal, mixing with WBGZ. [EB-MO]
- +AUG 5 0845 – noted with local ads, brief speech mentioning Mexico into Norteña music. A fair to poor signal was noted, mixing with WBGX, WBGZ and WTRB. [EB-MO]
- 1590 **MÉXICO** XEVOZ, *Arroba FM*, México, DF. DEC 23 0557 – Alone on channel with children's choral version of Mexican anthem in progress, "Arroba FM" slogan, followed by what sounded like a Mexican government PSA (audio became distorted for some reason), ID by female announcer, and pop music. Relog. [TRH-CA]
- 1600 **MÉXICO** XEGEM, *Radio Mexiquense*, Metepec, Mex. DEC 17 0600 – Faded up under KGST with adult choral version of Mexican anthem (multiple verses) in progress. A few minutes later, they ran the Himno Estatal del Estado de México (state anthem). Couldn't find any of the parallels on 1080, 1250, or 1520 (1520 may have moved to FM). Relog. [TRH-CA]
- 1620 **CUBA** Radio Rebelde synchronos. OCT 21 0000 – //670 with "Lambada" dance hit; dominant. [MC*Y-MA]
- +DEC 13 1034 – noted with talk mentioning Cuba in Spanish, into up-beat instrumental music. Fair to poor signal, mixing with KOZN and WNRP. [EB-MO]
- 1620 **US VIRGIN ISLANDS** WDHP Frederiksted, Saint Croix. MAY 25 0118 – noted with "It's time... on The Reef 103.5" mention by a female announcer. The signal was noted mixing with Radio Rebelde and an unidentified Spanish language station. [KK-VA]
- 1650 **MÉXICO** XEARZ, *Zer Radio 16-50*, México, DF. DEC 23 0558 – Barely audible under KBJD/KSVE with children's choral version of Mexican anthem. Relog. [TRH-CA]
- 1700 **MÉXICO** XEPE, *La Tremenda* (temporarily?), Tecate (nominal – really Tijuana), BCN. DEC 17 0557 – Since December 12, this station (one of my closest locals and biggest pests) has been relaying co-owned XESDD-1030 (Spanish language political speeches, brokered religion, and who knows what else), reportedly due to Broadcasting Corporation of the Americas failing to make the rather exorbitant lease payments for XEPRS-1090, XEPE-1700 and XHPRS-105.7. (Oddly, XEPRS and XHPRS have different owners; the owner of XEPRS has allowed BCA to keep broadcasting sports talk "mighty 10-90" on XEPRS, but reportedly wants to either find a new lease client, or sell the station if anyone will give their asking price \$11M). [TRH-CA]
- *** TROPICAL BAND DX ***
- 2850 **DPR KOREA** KCBS, Pyongyang. SEP 6 1118 – quavery soprano vocalist. Good over t-storm static crashes. [RB-AZ]
- +NOV 29 1357 – KCBS music at S8-S9, qualifying as MW; also on 3320 at about same level as 3325 Indonesia. [GH-OK]
- +DEC 19 1330 with usual patriotic music making it thru this morning. Fair/Good. [RB-AZ]
- +MAY 25 1150 – Very strong signal, and noted that both marine/tropical band and higher SW bands hot this morning at local daybreak. Dramatic sounding instrumental music, then operatic music to ToH, where they went to man and woman in Korean dialogue. [RB-AZ]
- 2940 **COLOMBIA** HJNT, Radio Huellas, Cali. MAY 9 0605, as previously IDed, carrier obviously there despite high storm noise level here. I am surprised that there have been so few reports of this second harmonic, in fact the only active Colombian (almost)-SW station. Where are the DXers elsewhere in North America, let alone Latin America? Maybe just as well, as attempts to QSL it might lead to its demise. [GH-OK]
- +MAY 19 0605 – as previously IDed, carrier obviously there despite high storm noise level here. I am surprised that there have been so few reports of this second harmonic, in fact the only active Colombian (almost)-SW station. Where are the DXers elsewhere in North America, let alone Latin America? Maybe just as well, as attempts to QSL it might lead to its demise. [GH-OK]
- 3240 **ESWATINI** Trans World Radio, Manzini. FEB 14 0310 – Christian teaching in Shona. Fair to poor signal. [EB-MO]

- 3320 **SOUTH AFRICA** Radio Sonder Grense, Meyerton. DEC 11 0230 – noted with discussion in Afrikaans. Fair to poor signal. [EB-MO]
- 3325p **INDONESIA** VOII Palangkaraya, Kalimantan. NOV 29 1352 – music at S8-S6, one signal presumed Vol Palangkaraya rather than Bougainville. 1358 fading, 1400 sounds like theme music. The English hour from Vol might even have been listenable from 1300. [GH-OK]
- +NOV 30 1353 – S3-S4 song weaker than Juche adjacent 3320 but no problem separating, brief announcement could be English, 1355 more music through ToH to 1405 announcements and fading to JBA by 1412, presumed Vol via 10 kW ND Palangkaraya, supposedly in English until 1400, then Indonesian. Our sunrise today 1324 UT on the way to latest of year in about 5 weeks circa 1344; our earliest sunset is already next week at 2316. Only one signal and again presumed not NBC Bougainville, which Ron Howard had last reported going off at 1111* Nov 5; before that, as of Oct 22 he said it was always off before 1200; and on Oct 14 it was not even on at 1058. [GH-OK]
- 3330 **CANADA** CHU, Ottawa, Ontario. DEC 11 0245 – noted with time signals, announcements in English and French, “CHU Canada” IDs on even numbered minutes in English and on odd numbered minutes in French. Good to fair signal. [EB-MO]
- 3344.87 **UnID** NOV 30 1356 – while monitoring 3325 for Palangkaraya, I also find a JBA carrier around this signature off-frequency for RRI Ternate, recently reactive. [GH-OK]
- 3375.47t **BRAZIL** Radio Municipal, São Gabriel da Cachoeira, AM. NOV 24 *0916 – weak carrier at *0916:10, threshold audio beginning 0959 then strong 200Hz hum audio issues until 1007. Rapidly rising to weak peak with music at 1011 sunrise at transmitter then slowly fading back down from 1015. Audio issues returned at 1018 when I tuned out. [BJ-TN]
- 3480 **REP KOREA** Voice of the People, Kyonggi-do Koyang. DEC 24 1200 – Man in monologue, Korean language, and over DPRK jammer. Good. [RB-AZ]
- 3925 **JAPAN** Radio Nikkei 1, Chiba-Nagara. JAN 21 0900 – lively discussion in Japanese, followed by a long set of music from the British rock band Queen – Fair/Good. [RB-AZ]
- +MAY 19 1130 – Heard on SW-2000629, window frame antenna. Lot of excited banter in Japanese, man and woman, strong, no music heard so far today. [RB-AZ]
- +JUN 4 1130 – Another Japanese talk show w/two men, a woman, in dialogue. Fair. [RB-AZ]
- +AUG 30 1200 – Man in Japanese and program with chamber music. Good. [RB-AZ]
- 3930 **REP KOREA** Voice of the People, Kyonggi-do Koyang. MAY 18 1130 – woman in Korean. Jammed, as was //3910. Jamming not audible on //3480. [RB-AZ]
- +AUG 29 1115 – Monologue with man in Korean and over DPRK jammers. Good. [RB-AZ]
- 3945 **JAPAN** Radio Nikkei 2, Chiba-Nagara. DEC 24 1200 – pop/rock vocal versions of popular Christmas songs, female presenter in Japanese – Fair/Good over some Amateur Band CCI. [RB-AZ]
- +JUN 4 1200 – Pop/Rock, Female presenter. As the Summer Solstice approaches, hearing this one, much past this hour in the morning, will be difficult. [RB-AZ]
- +AUG 30 1230 – Pop music, man in Japanese. Good. [RB-AZ]
- 4015u **NORTH AMERICAN PIRATE** JAN 1 0453 – rock music S9+10, 0454 back-announcement something about California; inviting requests; 0455 HNY to someone in Waynesboro (MS? PA? TN? VA?), ID as “WDDR, Drunken DJ Radio”, but he doesn’t sound drunk, yet. 0651 till going with music at S7-S8; 0657 SSTV to 0700 “K” in CW and off. Earlier had sought any pirate on 6.9 MHz band with no results. Wish more of them would run late into night when I for one would be more likely to hear them. A few others heard this, 55 posts, one from Waynesboro GA, including lots of SSTV images, between 0020 and 0700. [GH-OK]
- 4055 **GUATEMALA** Radio Verdad, Chiquimula. SEP 6 1130 – Woman vocalist, religious music. Near armchair reception, very good. [RB-AZ]
- +NOV 24 1000 – open carrier from 1000:10 until 6-tone IS (do-re-mi-fa-la-la) from 1021:37 until childrens choral National Anthem at 1025:52. Canned Spanish ID at 1031:20 followed by canned English ID 1031:20 then various Spanish talk. English language ‘Spiritual Songs Program’ program from 1037 featuring a US gospel program “Stroll Down Memory Lane. Perfect solid S8 signal and excellent modulation. [BJ-TN]
- +DEC 13 1157 – noted with Christian music and ID in Spanish. Fair to poor signal. [EB-MO]
- +DEC 24 1245 – Instrumental Christmas music. Unusually good reception. Excellent. [RB-AZ]
- +JAN 1 0651 – TGAV is still on late for NYE, with hymn in Spanish. Too busy with our own WWV monitoring and CST celebrations at 0600 to have listened then for anything special from Verdad. [GH-OK]
- +MAY 30 1130 – Guatemalan Marimba music – very good. [RB-AZ]
- 4765 **CUBA** Radio Progreso, Bejucal, Ciudad de la Habana. NOV 22 0131 – Radio Progreso mixing talk and music, a double feed? No, then music only so apparently intentional programming. 0424 recheck, now it’s suptorted as yet another Cuban transmitter is ailing; and vs CODAR on both sides, inevitable by LSB/USB. [GH-OK]
- +NOV 28 0251 – Radio Progreso is very suptorted, modulation peak spikes only, unreadable. Wiggle that patch cord! [GH-OK]
- +DEC 10 0230 – noted with pop music, promo, ID in Spanish. Fair signal with CODAR interference. [EB-MO]
- +JAN 30 0245 – noted with Cuban vocal music and announcements in Spanish. Good to fair signal. [EB-MO]
- +JUN 1 0440 – surprised to find Radio Progreso carrier still on, after nominal 0400*; maybe a trace of modulation? [GH-OK]
- 4810 **PERU** Radio Logos. Chazuta, NOV 24 *1000 – poor signal at sign-on, level steadily increasing with Andean-flavored music. Much improved nice S7 signal by 1038 Chazuta sunrise, with full ID by man, Christian songs by Andean groups such as Siembra Andina. Salmos de David, Pacto de Dios. TC by children between songs, talks. Strong STANAG centered on 4812 easily avoided with AM Synch passband tuning to lower side, CODAR not much of a problem by 1038 the strong signal. [BJ-TN]
- 4869.904 **UnID** NOV 9 1315 – very poor carrier, but off-frequency attention-getting, since that’s where RRI Wamena, INDONESIA used to be, as last reported February 23 2017 by Ron Howard, DXLD 17-09. Ron found it missing after that but Atsunori Ishida last logged it on April 3 2017: <http://web.archive.org/web/20170726001348/> <http://rri.jp.org:80/dat/html/2017/2017-04.html>. Other Indonesians have surprisingly reactivated lately; stranger things have happened. AIR Kingsway had been on the + side of 4870 but currently not on before 1330. [GH-OK]
- +NOV 11 1348 – JBA carrier again today on the off-frequency previously home of RRI Wamena; really too late after sunrise here. [GH-OK]
- 4869.907 **INDIA** AIR. NOV 15 1253 and 1315 – no signal around 4870 yet, but VP carrier on and measured here at 1324; by 1327 I can almost imagine hearing the AIR IS before the Nepali hour. Since there is no signal earlier, surely not RRI Wamena, Indonesia reactivated, even though the off-frequency signifies where it last was in 2017. But besides the Australian logs in October of AIR Delhi on “4869.94” for the Kashmiri service after 1430, current EiBi has Delhi considerably offset-plus, on 4870.31 for Nepali at 1330-1430, Clandestine Radio Sedaye Kashmir at 1430-1530, and also at 0230-0330, first 40 minutes in Kashmiri, spoken by 5 megalndians and 100 kiloPakistans. And last 20 minutes from 0310 and 1510 in DO which means Dogri (sometimes includes Kangri dialect), spoken in North India by 4 mega and also abbreviated [doi,dgo,him], per EiBi’s readme.txt language roster. [GH-OK]
- 4885 **BRAZIL** Radio Clube do Pará, ZYG362, Belém. DEC 14 0258 – noted with promo, ID and news in Portuguese. Fair to poor signal with CODAR interference. [EB-MO]
- +JAN 20 0455 – Man in Portuguese, long string of various South American music – Good. [RB-AZ]
- REP KOREA** Echo of Hope, Seoul. DEC 19 1345 – Madonna-like pop music, female presenter in Korean. Noted //3985. Very Good. [RB-AZ]
- 4925t **BRAZIL** Radio Educação Rural, Tefé, AM. JUN 3 1018 – man and woman talk eventually recognized as Brazilian intonation on a frequency normally unheard in the evenings. EiBi shows Rádio Educação Rural, Tefé, but not until *1103. [GH-OK]
- 4930 **BOTSWANA** VOA relay, Mopeng Hill. JAN 27 0315 – noted with news analysis in English. Fair to poor signal. [EB-MO]
- 4940 **CHINA** Voice of the Strait, Fuzhou. SEP 2 1220 – Woman in Chinese, Chinese pop music. Good. [RB-AZ]
- +MAY 19 1200 – Pop vocal music, power love ballad (Love Hurts/Nazareth). SW-2000629 and window frame antenna. Should be noted China on 4900 also good, but not as strong as 4940 – SINPO 44434. [RB-AZ]
- 4949.7 **ANGOLA** Radio Nacional 1, Mulenvos. DEC 26 0234 – RNA is S4-S5, noisy but some mod audible. Checking this to compare with Madagascar, since there are NO Mozambiguans on SW. [GH-OK]
- 5009.9 **MADAGASCAR** Radio Madagasikara. DEC 26 0230 – Radio Madagasikara stronger than usual with some modulation JBA. [GH-OK]
- 5009.93t **MADAGASCAR** Radio Madagasikara, Antananarivo. MAY 31 0332 – JBA carrier, presumed RNM on signature off-frequency; checking after Zanzibar 6015; then I tune 5915 for Zambia but nothing there. [GH-OK]
- 5025 **CUBA** Radio Rebelde, Havana. NOV 16 0637 – Radio Rebelde music is S9+10/20 but overmodulated and distorted. I check MW //s which sound OK except for QRM: 1620 and 1180 multi-site jammers to Radio Martí, also with diehard IBOC noise from far-right mouthpiece 1170 KFAQ-HD Tulsa. [GH-OK]
- +DEC 2 0252 – Radio Rebelde is S9+10/20 but music is overmodulated/distorted. [GH-OK]
- v +JUN 16 0558 – Radio Rebelde carrier is wobbling audibly with BFO; either that or CCI from another signal slightly offset, but I can’t imagine Radio Quillabamba could do that or even be on air at this hour. [GH-OK]

- 5040 **CUBA** Radio Habana Cuba. NOV 6 0000 – RHC opening English here, very good and also audible on //11880, but that cuts to dead air at 0002, as not supposed to accompany any more like they were in A-18 at 23-24 – but recheck at 0015, English has resumed on 11880, suported. Before 2400, at 2354, I found 11880 quite undermodulated and suported, sounded like Kriyol; wiggle that patch cord! While 5040 was very good in Spanish. [GH-OK]
 +NOV 7 0701 – this RHC is still on opening final hour of English replays, but 0703 cut to dead air just before news can start; supposed to run at 0600-0700 only. After 0700, 6000, 6060 and 6165 remain, while 6100 is a JBA carrier, presumably still Radio Havana Cubs too. [GH-OK]
 +NOV 9 0045 – RHC English, but no // found, neither old 11880 nor new 9720 as from Nov 11 (local or UT?). [GH-OK]
 +NOV 15 0004 – This RHC is dead air; 0012 starts to fade up modulation to just barely, unsure of language. [GH-OK]
 +NOV 18 0647 – this RHC English is off and so is 6100, leaving only 6000, 6060 and 6165 to choose from, still overkill. [GH-OK]
 +NOV 24 0203 – this RHC is back on, very good loud and clear. It had not been heard since Nov 16 on nightly checks. Nominal B-18 sked for 5040 is: 22-24 Spanish, 00-01 English, 01-02 Creole and French, 02-06 Spanish, 06-07 English. [GH-OK]
 +NOV 29 0036 – RHC English is S9+40 but just barely modulated; 9720 is off now. [GH-OK]
 +FEB 14 0632 – commentary in English. Fair to poor signal. [EB-MO]
 +MAY 17 0530 English is suported here at S9+40; //6060 modulation good as usual; 6100 less loud; 6165 and 6000 JBM. [GH-OK]
 +MAY 29 0538 – this RHC English frequency, S9+30/20, is the only listenable one with normal modulation level, although somewhat rough during 'DXers Unlimited' as Arnie runs lickety-split and slurred with something about a 52-cm antenna, soon finishing. I had already checked: 6000 JBM/suported at S9+10/20; 6060 OFF; 6100 JBM S9+30; 6165 JBBM S9+10. [GH-OK]
 +JUN 9 0550 – RHC English with big hum during jazz song, yet better than any of the 49m //s: 6165 S9+10 JBM; 6100 S9+20 JBM; 6060 off as always now; 6000 S9+20/10 undermodulated for a poor runner-up. [GH-OK]
 +JUN 14 0527 – RHC in Spanish instead of English as scheduled this hour – maybe deliberately since there is no 49mb Spanish all evening with 6060 transmitter gone for weeks. A breakdown, or inexplicable scheduling change? As for what's left of English, at 0522: 6165 S9+10 and JBM, 6100 best, 6000 undermodulated. [GH-OK]
 +JUN 15 0546 – RHC English service revived here unlike Spanish last night, since music is now //49m frequencies: 6000 and 6060 remain OFF; 6165 is JBM, leaving only 6100 with good signal and modulation. Its X 2, 12200 is a JBA carrier now. [GH-OK]
- 5060 **CUBA** Radio Havana Cuba. 0537 5/13 is in Spanish instead of English, which is nominally here at 0500-0600. [GH-OK]
- 5085 **USA** WTWW-2, Lebanon, TN. 2212 5/18 with rock music, S9/S9+10 but not enough vs storm noise level. Wonder how long this has been on; all day? [GH-OK]
 +2329 5/25 has already started 'Theater Organ in the Ozarks', so I listen on webcast. Unseems stereo this time; lots of familiar tunes making one wonder how limited the repertoire be of TOITO. May be playing old recordings originally mono. Also unusually no announcements by Bob Heil until 2357. [GH-OK]

CONTRIBUTORS

- AWP-CA **ART PETERSON**, Richmond CA awpeteronrpf@att.net
 JRC NRD-545, Radio Plus Quantum ferrite loop, Bonito Boni-whip active antenna
- BJ-TN **BRANDON JORDAN**, KM4PBQ, Fayette County TN WinRadio G33DDC, SAL-20
- BP-WA **BRUCE PORTZER**, Seattle WA bpportzer@comcast.net
 Elad FDM-S2, 10x40 foot north-facing flag antenna
- CN-BC **COLIN NEWELL**, Victoria BC
 Drake R8 x2, West Flag/North Flag, 2 x Wellbrook FLG-100 x2, 2 x Self-MFR VACTROL, Self-MFR Miskew-Lankford-Ratzlaff PHASERS
- DV-WA **DENNIS VROOM**, Kalama WA
 JRC NRD-545, Drake R8, NW ewe 310°, Long wire 339', Random wire 380'
- MB-TX **MIKE BEU**, Austin TX KD5DSQ
 Drake R8B, Terminated Delta Antenna (17ft apex and 28ft base), northeast, Mini-Flag Antenna (7ft by 15ft), southeast
- EB-MO **ERIC BUENEMAN**, N0UIH, Hazelwood MO
 CountyComm GP-5/SSB Ultralight receiver, Grundig AN-200 tunable loop, General Electric Superadio III, Yaesu FRG-7, Apex 303WA-2 vert. antenna
- GH-OK **GLENN HAUSER**, Enid OK
 DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; ICR-75 E-W longwire
- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
 SDRplay RSPduo; Icom IC-R75; Wellbrook ALA1530LNP
- JP-AB **JON PEARKINS**, Edmonton AB
 Sangean PR-D15 with 200 mm internal ferrite bar antenna, on batteries only
- KK-VA **KRAIG KRIST**, Manassas VA
 Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
- MC*Y-MA **MARK CONNELLY**, WA1ION, South Yarmouth, Cape Cod MA (GC= 41.6931 N/70.1912 W) (grid FN41vq)
 NOTE: {A} in entry indicates that audio can be accessed from link on the following page: http://www.qsl.net/wa1ion/doc1/audio_2018.htm
 Receiver: Microtelecom Perseus
 Antenna 1: Cardioid-pattern SuperLoop: 10m vertical by 11m horizontal (peak 165 degrees, null 345 degrees)
 Antenna 2: Cardioid-pattern SuperLoop: 9m vertical by 20m horizontal (peak 90 degrees, null 270 degrees)
- MC-MA **MARK CONNELLY**, WA1ION, South Yarmouth, Cape Cod MA (GC= 41.6931 N/70.1912 W) (grid FN41vq)
 NOTE: {A} in entry indicates that audio can be accessed from link on the following page: http://www.qsl.net/wa1ion/doc1/audio_2019.htm
 Receiver: Elad FDM-S2: see <http://shop.elad-usa.com/sdr-radio/fdm-s2/>
 Antenna 1: Cardioid-pattern SuperLoop: 9m vertical by 20m horizontal (peak 75 degrees, null 255 degrees.) See <http://www.bamlog.com/superloop.htm> for similar antenna type.
 Antenna-2: Cardioid pattern Kaz Delta: 6m vertical by 20m horizontal (peak 135 degrees, null 315 degrees.) See http://www.infotechcomms.net/downloads/Kaz_MW_Antenna.pdf and <http://www.bamlog.com/deltacompare.htm> for similar antenna type.
- RB-AZ **RICK BARTON**, Peoria AZ
 RS SW-2000629, HQ-200, HQ-140X, HQ-180A, Satellit 750 with longwire and outdoor slinky, World Traveler Longines Symphonette 4597 portable with Terk advantage loop
 County Comm GP-5/SSB Gen 3 Ultralight receiver, County Comm high sensitivity AM (LW/MW) antenna
- TRH-CA **TIM HALL**, Chula Vista CA
 Perseus SDR-IQ, 600 ft. unterminated beverage aimed SSE/NNW.
- TR-IA **TIM RAHTO**, Luther IA
 Perseus, SAL-30 antenna
- WS-BC **WALT SALMINAW**, Victoria BC
 Perseus SDR and antenna, W facing corner fed loop with FLG-100. Approximate dimensions: 30' x 40'

VARIOUS FOREIGN RELATED DXPEDITIONS (domestic loggings removed – pb)

Long Beach Island DXpedition – Preliminary Report – Russ Edmonds

The 2018 Long Beach Island (LBI) DXpedition was held from October 16–21 2018 in Beach Haven West NJ. This year featured several new countries heard most notably Lithuania, Nigeria, and Turkey. With all participants utilizing SDR's, the logging list will be a work in progress, however in the interests of getting information out more quickly, the accompanying list should be considered as preliminary and our plan is to present a more complete listing in early 2019.

Antennas were 1) a 16'x36' flag aimed at 40 degrees, 2) another 16'x36' flag aimed at 180 degrees, 3) a 50'x22' Delta aimed at 270 degrees and 4) a rotatable Wellbrook loop. Trans-Atlantic propagation conditions were at their best on Tuesday night 10/16 and Saturday night 10/20, particularly around our local sunset.

Participants were **Brett Saylor** (W3SWL), **Russ Edmonds** (WB2BJH), **Mike Hunter** (W2MHZ), **Kris Field**, **Ralph Brandi**, **Chuck Rippel** (W8HU), **Dave Hochfelder** (N2HTA), **Steve Walko** (K3PHL)(Saturday only) and **Nick Langan** (W2NJL) (Saturday only).

Freq Country Call/Slogan, City, State/Prov. Time Date. Details
77.5 **GERMANY** DCF77, Mainflingen. 0228 10/21. Time station.
162 **FRANCE** France Inter, Allouis. 0230 10/21. French talk by man.
171 **MOROCCO** Radio Méditerranée Int'l, Nador, 0114 10/17. Arabic talk by man.
183 **GERMANY** Europe 1, Felsberg. 0149 10/21. Talk by man in French, pop music.
189 **ICELAND** RUV Ras 1, Gufuskálar. 0107 10/17. Segued instrumental music, no announcements.
UNITED KINGDOM BBC4, Droitwich. 0314 10/17. Man speaking in British English, music.
216 **FRANCE** RMC Info, Roumoules. 2201 10/16. French talk.
225 **POLAND** Polskie Radio Jedyńka, Solec Kujawski. 2316 10/16. Talk by man in presumed Polish.
234 **LUXEMBOURG** RTL, Beidweiler. 0120 10/17. Music, French announcements by man.
252 **ALGERIA** Chaîne 3, Tipaza. 2320 10/16. Folsom Prison Blues by Johnny Cash //web.
289 **SPAIN** 351, Cabo Mayor. 0503 10/19. DGPS Beacon.
302 **PANAMA** 972, Miraflores. 1037 10/19. DGPS Beacon.
308 **AZORES** 342, Horta. 0000 10/17. DGPS station.
376 **BAHAMAS** ZIN, Matthew Town. 0300 10/21. NDB.
386 **SAINT PIERRE AND MIQUELON** SP, St Pierre. 0257 10/17. NDB.
391 **PUERTO RICO** DDP, San Juan. 0042 10/17. NDB.
415 **CAYMAN ISLANDS** CBC, Cayman Brac. 0301 10/17. NDB.
531 **ALGERIA** Jil FM, F'Kirina. 2205 10/17. Western pop music, //549.
SPAIN RNE 5 synchros. 0300 10/20. 5+1 time pips //other RNE 5 frequencies.
539.86p **NICARAGUA** YNOW, Radio Corporación, Managua. 0352 10/17. Spanish singing, WLIIE interference.
549 **ALGERIA** Radio Algérienne Jil FM, Sidi Hamadouche. 2225 10/19. Male and female Arabic language music. //531.
558 **UnID** 2233 10/19. Strong carrier, unknown.
567 **SPAIN** RNE 5, Murcia. 0154 10/17. Spanish talk by woman //576.
570 **CUBA** CMDC, Radio Reloj, Santa Clara. 0104 10/18. "RR".
576 **CANARY ISLANDS** Radio Nacional, Las Palmas. 2244 10/19. //web.
SPAIN RNE 5, Barcelona. 0154 10/17. Spanish talk by woman //567.
585 **SPAIN** RNE 1, Madrid. 2249 10/16. Spanish talk //684.
590 **DOMINICAN REPUBLIC** HIDV/HIB24, Radio Santa María, Concepción de La Vega. 0900 10/18. ID, national anthem at s/on.
594 **SAUDI ARABIA** SBC Radio Riyadh, Duba. 0300 10/17. Arabic talk by man interspersed with short musical stingers, several mentions of "Arabya".
595 **MOROCCO** SNRT, Oujda. 0041 10/20. Arabic talk weak, only one possible.
600 **CUBA** CMKV, Radio Rebelde, San German, HOL. 0105 10/18. Spanish talk, sounder.
603 **SPAIN** RNE 5 synchros. 0059 10/18. Time pips @ 0100 time check, ID, servicios informativos.
UnID 2237 10/19. Man speaking something other than Spanish-Romania ? Too much 600 slop.
612 **MOROCCO** SNRT Al Idaâ Al-Watania, Sebaâ-Aioun. 2251 10/16. Arabic singing //web, another station under a few minutes later.
621 **UnID** 2203 10/19. Carrier, unknown.
630 **CUBA** CM-, Radio Progreso, Pinar del Río, PdR. 0106 10/18. Spanish talk, ID.
639 **SPAIN** RNE synchros. 2303 10/19. //684 w/talk by man and woman in Spanish.
670 **CUBA** Radio Progreso synchros. 2359 10/16. ID.
675 **UnID** 0230 10/17. Man speaking, then Middle Eastern music, audio low.
+2216 10/18, Carrier, no audio.
684 **SPAIN** RNE 1, Sevilla. 2158 10/17. Music, time pips, ID, news.
690 **CUBA** Radio Progreso, unknown. 0129 10/20. Spanish ID chimes Habana.
693 **SPAIN** RNE synchros. 2301 10/18. //684.
UNITED KINGDOM BBC5 Live synchros. 0259 10/18. ID "This is BBC 5 Live", into BBC news.
702 **UnID** 0156 10/17. Possible Arabic, talk by woman, TOH pips.
710 **CUBA** CM-, Radio Rebelde synchros. 0006 10/19. Spanish talk, ID.
+0006 10/19. 2nd station, echo of prior.
720 **CANARY ISLANDS** RNE 5, Las Mesas. 0300 10/20. 5+1 pips, RNE TOH tune into presumed news in Spanish.
PORTUGAL Antena 1 synchros. 2200 10/16. 4 long + 1 short time pip as heard on their web. Also heard 10/18.
UnID 2200 10/16. 5 long pips at TOH.
729 **SPAIN** RNE 1 synchros. 0059 10/18. Time pips @ 0100 time check, ID, servicios informativos.
730 **MÉXICO** XEX, México, DF. 1100 10/18. "W Deportes" ID.
738 **SPAIN** RNE 1, Palau de Plegamans (Barcelona). 2220 10/19. //684, others.
747 **CANARY ISLANDS/SPAIN** RNE 5 synchros. 0000 10/18. Time pips @ 0000 time check, ID, servicios informativos.
750 **VENEZUELA** Radio Caracas, Caracas. 0220 10/20. Woman announcer in Spanish mentioned Valencia. At 0230 time pips 3 short, 1 long at higher pitch.
756p **ROMANIA** SRR Radio România Actualități, Lugoj. 0300 10/17. 6 short time pips //603, 855, 1179, 1593.
760 **COLOMBIA** HJAJ, RCN, Barranquilla. 0340 10/17. Talk in Spanish, RCN jingles and IDs under WJR.
774p **EGYPT** ERTU, Abis. 0256 10/17. Presumed with Koranic recitations.
SPAIN RNE 1 synchros. 2258 10/16. Spanish talk //684, 585.
UnID 0115 10/20. Sounded like a play with dialog and some music. Language unknown.
783 **SPAIN** COPE, Barcelona. 2255 10/16. Spanish talk, music //837, 1134.
SYRIA SRTV 1 Dimashk, Tartus. 2217 10/17. Arabic with many mentions of Syria; later //web.
UnID 2218 10/18. Middle Eastern music.
790 **CUBA** Radio Reloj, unknown. 0119 10/21. "RR".
SPAIN SER, Sevilla. 2303 10/16. Spanish talk //1044, 1026.
800 **BONAIRE** PJB, Trans World Radio, Kralendijk. 0130 10/18. Spanish religious music, "Radio Trans-mundial" ID then Spanish religious program.
819p **EGYPT** ERTU Al-Barnameg al-Aam, Batrah. 0202 10/17. Koran.
820 **CUBA** Radio Reloj, Ciego de Avila. 0140 10/21. "RR". Over sports Old Dominion vs Western KY football.
828 **SPAIN** Hit FM, Barcelona. 2303 10/16. Spanish talk, music, nothing else in Spanish on channel.
837 **SPAIN** COPE, Sevilla. 2157 10/17. Commercial for businesses in Sevilla, ID "COPE Sevilla" @ 2201.
855 **SPAIN** RNE 1 synchros. 2125 10/17. Man and woman talking, time pips @ 2130, ID, promo for sports program, stinger.
864 **EGYPT** Holy Quran Programme, Santah. 2304 10/16. Koranic recitation //1503.
870 **CUBA** CMDT, Radio Reloj, Sancti Spiritus, SS. 0009 10/19. "RR".
882 **UNITED KINGDOM** BBC Wales synchros. 0028 10/18. ID @ 0028 "You're listening to BBC World Service".
909 **SPAIN** RNE 5, Palma de Mallorca. 2310 10/16. Spanish talk, music //747, 936.

- ROMANIA** SRR Radio Cluj. 0255 10/17. 1000 Hz test tones //1593.
UNITED KINGDOM BBC 5 Live synchros. 0103 10/18. Sports promo, ID @ 0105.
- 917 **NIGERIA** Radio Gotel Yola, Jabura. 2348 10/18. Instrumental/vocal music, talk by a man, in briefly.
936 **MOROCCO** SNRT Al Idaâ Al Amazighia, Agadir. 2309 10/19. Sounded like Ride of the Valkyrie music, //web.
SPAIN RNE 5 synchros. 2311 10/16. Spanish talk, music //909, 747.
UnID 2212 10/20. Koranic, woman speaking, music.
- 940 **MÉXICO** XEQ, México, DF. 1100 10/18. "La K Buena XEQ" ID, national anthem.
954 **SPAIN** Onda Cero, Madrid. 2306 10/16. Spanish talk by a man //web.
TURKEY TRT 1 Radyo Bir, Trabzon-Deliktas. 0300 10/21. News, ID, music, //web.
- 972p **SPAIN** RNE synchros. 0252 10/17. Presumed this is 5 or 6 kW outlet.
981 **ALGERIA** Chaîne 2, Ouled Fayet. 2155 10/20. North African music, //Tune In.
999 **SPAIN** COPE, Madrid. 0000 10/18. Time pips @ 0000, into news, //837.
1000 **MÉXICO** XEOY, México, DF. 1100 10/18. National anthem, Radio Mil singing ID.
1026 **SPAIN** SER synchros. 2319 10/16. Spanish talk //828, 1044.
1044 **SPAIN** SER synchros. 0000 10/18. Time pips @ 0000, into news, //1602.
1053 **ROMANIA** Radio Iasi, Iasi. 0252 10/17. S/on with 1 kHz tone, anthem.
SPAIN COPE synchros. 0100 10/17. 5+1 time pips //1143 (double pips due to 2 transmitters), 1134, 837, 1269.
UnID 0121 10/20. Carrier, no audio.
- 1089 **UNITED KINGDOM** TalkSport synchros. 2159 10/17. Commercials, ID @ 2201.
1107 **SPAIN** RNE 5 synchros. 0300 10/20. 5+1 time pips //other RNE 5 frequencies.
1116 **SPAIN** SER synchros. 2250 10/17. Spanish talk //1044, 1026.
1120 **PUERTO RICO** WMSW, Hatillo. 2200 10/18. ID.
1125 **SPAIN** RNE 5 synchros. 0300 10/20. 5+1 time pips //other RNE 5 frequencies.
1134 **KUWAIT** Radio Kuwait, Kabd. 0240 10/21. Koran, //web.
SPAIN COPE synchros. 0122 10/17. Spanish talk, music //837, 783.
- 1140 **CUBA** Radio Rebelde. 0300 10/17. Dominant Cuban had Radio Musical program, Rebelde was way under.
CUBA Radio Musical. 0300 10/17. Dominant Cuban had Radio Musical program, Rebelde was way under.
1143 **SPAIN** COPE synchros. 0020 10/17. Two men talking in Spanish //web – 5 kW.
1150 **CUBA** Radio Bayamo, Bueycito. 0350 10/17. Sounded like music from "Love Story", Radio Bayamo chimes.
1152 **ROMANIA** SRR Radio România Actualitati, Cluj-Napoca. 0300 10/17. Music, "Radio Romania... hora exacta..." 6 short pips, "hora shata?" then talk (presumably news) by man.
+0200 10/18. "Hora exacta" by a man, choral music, 6 short pips into presumed news by a man.
SPAIN RNE 5 synchros. 0300 10/20. Two sets of 5+1 time pips (about .25 sec apart) //other RNE 5 frequencies.
- 1179 **CANARY ISLANDS/SPAIN** SER synchros. 0059 10/18. Time pips @ 0100, ID, into news, //1044.
1188 **IRAN** Radio Payam, Tehran. 2259 10/17. Payam stinger, matches http://www.intervalsignals.net/Files/irn-viri_payam_301014.m3u.
UnID 2337 10/16. Koran.
1197 **ROMANIA** SRR Radio, Brasov. 2251 10/20. Two women talking; language was confirmed as Romanian.
1215 **SPAIN** COPE synchros. 0100 10/17. 5+1 time pips //1143.
UNITED KINGDOM Absolute Radio synchros. 0035 10/19. Armchair levels with announcements by woman, pop music.
- 1269 **SPAIN** COPE synchros. 0100 10/17. 5+1 time pips //1143.
UnID 0146 10/20. Carrier, negligible audio.
- 1278 **IRAN** IRIB – Kermanshah, Kermanshah. 2230 10/16. Anthem followed by music and talk by female.
1296 **SPAIN** COPE, Valencia. 0245 10/17. Spanish talk, music //1134, others.
1305 **SPAIN** RNE 5 synchros. 2341 10/16. Spanish talk, music //747, others.
UnID 0159 10/20. European sounding male announcer; language UnID; weak signal.
- 1314 **SPAIN** RNE 5 synchros. 0059 10/18. Time pips @ 0100 time check, ID, servicios informativos.
UnID 0203 10/20. Man talking; unknown language not Arabic.
- 1386 **LITHUANIA** Radio Baltic Waves Int'l, Viešintos. 2346 10/16. Russian talk by a man, similar to RFE/RL web (but not identical).
1404p **ROMANIA** SRR Radio Cluj. 0255 10/17. 1000 Hz test tones //1593.
1413 **SPAIN** RNE 5 synchros. 0158 10/20.
1422 **ALGERIA** Radio Coran, Ouled Fayet. 0147 10/20. Qur'an recitation, //web.
1431 **DJIBOUTI** Radio Sawa, Djibouti. 0026 10/20. Music, //Tune In stream for Radio Sawa Gulf.
1467 **IRAN** IRIB Radio Qom, Qom. 0116 10/20. Middle Eastern music //web.
1485 **UnID** 2353 10/19. Carrier.
- 1503 **EGYPT** ERTU Al-Quran al-Karim, El-Arish. 2339 10/16. Koran //web, later heard //864.
1512 **SAUDI ARABIA** BSKSA, Jeddah. 2358 10/16. Koranic recitation, this presumed at 1 Mw.
1521 **SAUDI ARABIA** SBC, Duba. 2143 10/20. Arabic music; males speaking Arabic.
1530 **MÉXICO** XEUR, México, DF. 1100 10/18. Presumed w/national anthem under WCKY.
SAO TOME VoA, Pinheira. 2158 10/18. Music from program right before signoff announcement // to what Mark Connelly heard at the same time.
- 1539 **SPAIN** SER synchros. 2300 10/18. Time pips on TOH.
UNITED ARAB EMIRATES Asianet Radio, Al-Dhabbaya. 0210 10/21. Indian film music, //web at <http://asianetradio.me/website39/asianet-new1.html>.
UnID Iran? 2251 10/16. Middle Eastern singing.
- 1540 **BAHAMAS** ZNS, Nassau. 0900 10/17. Religious music.
1570 **MÉXICO** XERF, Ciudad Acuña, Chih. 0405 10/17. "La Poderosa" ID, national anthem at 0500.
1575 **SPAIN** SER, unknown. 2154 10/20. Spanish conversation.
UNITED ARAB EMIRATES Radio Farda, Al-Dhabbaya. 0149 10/20. //web and strong.
- 1584 **CEUTA** Radiole'. Ceuta. 2230 10/19. Folk-style vocal music //web site.
UnID Spain or Ceuta. 2300 10/18. Time pips on TOH.
- 1593 **ROMANIA** SRR Romania synchros. 2230 10/18. Middle eastern or eastern European song into Jackie Wilson's "Higher and Higher" then at top of hour
"Hora exacta" by a man and 6 short pips; later //web.
+0215 10/21. //web.
ROMANIA Radio Cluj, Oradea. 0247 10/17. S/on with 1 kHz tone, anthem.
ROMANIA Radio Cluj, Sibiu. 0247 10/17. S/on with 1 kHz tone, anthem – 2nd carrier w/tone at same time.
- 1593 **UnID** 2233 10/18. Segued US soul oldies.
1602 **SPAIN** SER synchros. 0000 10/18. Time pips @ 0000, into news, //1044.

DXpedition to Listening Waters PEI 2018 – Walter Salmaniw (via IRCA eGroup)

11/10. Here are some of my LW/MW loggings from this year's DXpedition to Murray Harbour North, PEI, Canada. We challenged a 24 hour power outage, winds, and rains at the beginning and end, and major geomagnetic disturbances.

Still, we soldiered on, and like my more familiar west coast DXpeditions, there was always the new and wonderful to be shown by a great group of DXers from Toronto and points east and south from there. One couldn't ask for a more collegial group of DXers to share the listening tables. Thanks again, everyone. Check Bruce Conti's BamLog website for more pictures and details! 73, Walt Salmaniw (enroute home to Victoria, in Toronto ON).

*Listening Waters DXpedition, Murray Harbour North, PEI 3 – 10 Nov 2018

77.5 **GERMANY** Mainflingen, 50 kW. Standard time and frequency station, 0146 11/4 – Heard at good level with time pips.

153 **ROMANIA** Brasov, 200 kW, SRR Antena Satelor. 0147 11/4 – Good reception with traditional music. Faded down a bit by 0157. Perhaps a co-channel weakly in the background.

- 540 **HUNGARY** Solt, 2000 kW, MR1 Kossuth Radio. 2100 11/8 – Thanks for Niel W for alerting me to Kossuth Radio, totally dominating the channel at times well over CBC in Newfoundland co-channel. Distinctive chimes heard first at 2030, and again twice with the news at the TOH. Many mentions of 'Orban', the right-winged president of the country, including a portion of English (he must be at the EU parliament (?) giving a speech). Checked again at 2125 and again dominating the channel. Budapest clearly mentioned at 2127. Continued to 2130:20 when the transmitter was cut, leaving Newfoundland 100% clear. Nothing special at sign off heard. Could not see the transmitter cut off on the Perseus zoom function, though, but suspect with a new Canadian (Nautel) transmitter, that they were likely right on frequency, as the CBC appears to be, as well.
- MOROCCO** Sidi Bennour, 300 kW, SNRT Al Idaa Welayat Janub Darfur. 2000 11/7 – Clearly heard over local domestic CBC. Arabic sounding and heard on //595 (the off channel, making it an easy //).
- SPAIN** Barcelona, 50 kW, Onda Cero. 2059 11/8 – Newfoundland and Hungary dominates this frequency, but just before the TOH, one could hear Spanish numbers, so presumably Spain. Fair copy.
- 549 **ALGERIA** Sidi Hamadouche, 600/300 kW, Jil FM. 0458 11/9 – While probing the overnight recordings, found Algeria's NA on, off course //531. Both strong. ID at the TOH following the very lengthy military style NA. Military band, then a vocal version along with the band. Fanfare at TOH. Arabic with mention of 'Jil'.
- IRELAND** Carrickroe. 25 kW, Spirit Radio. 2002 11/3 – At the top of the hour, English dominated.... So it's Ireland (quite an Irish accent, besides). Good reception.
- +0328 11/9 – I'm following this frequency of interest in my SDR overnight recordings. Brief 'Spirit Radio' ID at 0328, followed by longer ID, FM and AM 549 ID after 0330. MWList has them on 04-22 but not the case here! The dominant station on at this time. Modern pop music.
- +2300 11/9 – Absolutely armchair copy at 2255 with local ads and Spirit Radio ID. Best reception so far, before fading down somewhat, as Jil FM returned. Very pleased with that copy. Then on to 1575 to hear Italy signing off with their NA! A nice way to end our DXpedition to Listening Waters!
- UKRAINE** Mykolayiv/Luch, 400 kW, Ukrainian Radio Persha (1st Program). 1955 11/3 – Sometimes over, usually under Jil FM at sometimes good+ level. Sports talk, which sounded quite Russian to me, but think in Ukrainian with a lot of Russian terms being used?
- +2059 11/7 – After a couple of days, Ukraine was back and peaking over Jil FM announcing at 2047 the end of programming for the day. Instead of the National Anthem, there was a choral version of the spiritual anthem of Ukraine, called 'Molytva za Ukrainu', or Prayer for Ukraine. First time I've heard this hymn ending programming. Very good, before Jil FM resuming its dominance.
- 595 **MOROCCO** Oujda, 50 kW, SNRT Al Idaa Al-Watania. 2005 11/7 – Good reception on this off-channel and //540 (under local CBC).
- 675 **QATAR** Al-Arish, 600 kW, QMC Radio Qatar. 2125 11/9 – Very strong with light Arabic vocals by woman initially followed by a man. In sync with web here: <http://qatarradio.qa/Live> <<http://qatarradio.qa/Live>>. I'm pleased with this one!
- 720 **GREENLAND** Simiutaq, 10 kW, KNR-Kalaallit Nunaata Radioa. 2106 11/9 – Excellent reception in the clear with distinctive Greenlandic talk. Bodes for better northerly conditions this afternoon and evening!
- 783 **SYRIA** Tartus, 300 kW, SRTV 1 Dimashk. 2223 11/6 – While listening to the Spaniard (COPE), I started to hear a co-channel in Arabic. Turned out to be //web (interesting with a .ru web address: <https://ok.ru/live/911714950774>). Seems to have no delay at all, but can take a while to log-on. Good reception. No // noted.
- +0003 11/9 – Very strong reception with a call-in program in Arabic, and //web noted in **MWList.org**. No AM parallels noted, though. Occasional fade revealing a jumble of other stations.
- 801 **SPAIN** Multiple stations, RNE. 2243 11/6 – A mess of stations on this channel, none particularly strong. Zooming on the Perseus, I'm seeing 5 stations, and after carefully calibrating, here they are in order of strength: 801.000, 800.990, 800.958, 801.055, and 801.004. Fun to chase carriers. Checking MWList Offsets, these might correspond to: RNE Castellon/Almazora (800.962), RNE Burgos/San Bartolome (800.9903), RNE Lugo/As Arierias (801.0001), IRIB Kashmar (801.0041... the weakest one), and RNE Girona/Campllong (801.050). All perhaps!
- 819 **EGYPT** Batrah, 1000 kW, ERTU Al-Barnameg al-Aam. 2305 11/6 – Almost good level Arabic talk, but unfortunately unable to produce audio out of the link provided on MWList <http://live.sis.gov.eg/live/>. Says it's connected, but no audio. Not much else on frequency that fits. Even better by 2308 with Arabic vocal. Confirmed by a very loud signal from an Italian remote KiwiSDR.
- 828 **AZORES** Monte das Cruzes, 1 kW, RDP Acores Antena 1. 2015 11/8 – Fair, almost good at times with a football play by play. Language seems Portuguese, so a presumed logging. Could not //693, nor internet audio feed. After some searching, I found that Sporting is playing Arsenal at the Emirates stadium, so undoubtedly them!
- 837 **SPAIN** Sevilla, Burgos or La Coruna (50, 5 or 2 kW), COPE. 2040 11/5 – It's all Spain, all the time this afternoon with the solar disturbed conditions. Very strong, with a marked echo, so presumably at least 2 COPE transmitters, with Sevilla with 50 kW the strongest and most likely here, but another is also clearly audible with a very slight delay.
- 882 **UNITED KINGDOM** Washford, 100 kW, BBC Radio Wales. 0233 11/4 – BBC WS ID at fair to almost good level only. I see that the fellas in Victoria are hearing things well on this frequency, but not sure who they are seeing.
- 945 **IRAN** Dehghan, 100 kW, IRIB Radio Kordestan. 2030 11/3 – Very nice reception with ID for Radio Kordestan. Excellent level. Well over co-channel Arabic sounding station. // to off channel 1476.26 or so (good with 20 kW from Marivan). Other listed // on MWList was 999, but not heard here.
- UNITED KINGDOM** Bexhill-on-Sea, 0.7 kW, Smooth Radio. 1935 11/9 – Fair reception, mostly dominating this channel, with, 'Heard it on the Grapevine', confirmed with ID at 1938 and playlist on-line.
- 963 **TUNISIA** Tunis, 100 kW, RTT Radio Tunis Chaîne Internationale. 1958 11/5 – I was wondering who the German speaker was. Good reception, with mild splatter. It's Tunis (I would not have guessed!). 1959:30 off, and switched to Beethoven.
- +2128 11/6 – Good reception with songs, 'Oh, what a night', and 'I did it my way' (in French). French chatter between the songs.
- 981 **ALGERIA** Ouled Fayet, 300/100 kW, Chaîne 2. 0504 11/5 – Good reception, in fact very good at TOH in presumed Berber. Piano instrumental and other very enjoyable music at 0506. Female announcer.
- 990 **SPAIN** Bilbao, 25 kW/Cadiz, 5 kW SER. 2100 11/6 – 990 is dominated by the CBC Radio 1CBy from Cornerbrook, Newfoundland, but at the TOH, the Spaniards almost dominated with Spanish sports programming. Note 2 sites are listed. No echo noted, however.
- 1008 **HOLLAND** Zeewolde, 100 kW, GrootNieuws Radio. 2107 11/6 – As Bruce Conti opines, a junk frequency, but at 2100, I hear a monotone female speaker which does not at all sound Spanish. An hour earlier at 2000, the Spanish/Canary Island station(s) are definitely audible at weaker level. No signs of them an hour later. At 2001:45 what sounds a lot like Greek music is briefly heard. I'm thinking this may be ERA from Kerkyra with 50 kW. At 2003 one can definitely hear Spanish sports play by play. Otherwise the dominant speaker seems to be, 'a happy woman', whom most likely is from GrootNieuws Radio in Dutch. Leaning towards this one as the most consistent. Poor at 2200 recheck. Note the Dutch station is listed to close 01 Jan 2019. Checked 2000 wav file on 3 Nov 2018 when European conditions were much better. Very good reception of the Dutch station, with many ads, mentions of Nederland. Thanks for confirmation of GrootNieuws Radio in a clip submitted to RealDX.
- 1035 **ESTONIA** Tartu, 100 kW, Radio Eli/TWR. 0311 11/4 – Good reception with Russian religious talk. Very stable signal. Great modulation. Some splatter noted.
- 1053 **SPAIN** Zaragoza or Castellon, 20 and 5 kW, COPE. 2106 11/8 – Same out of this world experience with both COPE transmitters on same frequency with audio delay on one of them. Overall good+ reception tonight.
- 1170 **SLOVENIA** Beli Kriz, 15 kW, Radio Capodistria. 2059 11/5 – Very nice ID in Italian, just before the TOH. No sign of Iran, or UAE today. Did fade down after the TOH revealing several co-channels, but impossible to be sure who they are, and whether TA or domestic.
- UNITED ARAB EMIRATES** Al-Dhabbaya, 800 kW, Sawt Al-Joumhouria. 2131 11/7 – Excellent reception with modern Arabic chants and drums. Occasionally, Slovenia fades up (Radio Capodistria from Beli Kriz 15 kW) in Italian, but not very often. Very nice reception, as one would expect with 800 kW!
- 1179 **ROMANIA** Bacau/Galbeni, 400 kW, SRR Radio Romania Actualitati. 0229 11/4 – Excellent reception with modern rock music. //web. SER tried to fade up, but not with very much success.
- 1188 **IRAN** Tehran, 300 kW, IRIB Radio Payam. 0045 11/10 – Often excellent strength with very enjoyable international music. Back to traditional Iranian music at 0046. Checking their website, this is their morning program. Here's what their website states (at www.radiopayam.ir/ProgramHome/?m=024100). At dawn, from ?::?? to ?::?? AM, the dawn with awareness and information approach tries to create a sensory and emotional mood for the night through the use of immortal music and utilizing materials such as anecdotes and prayers of the elders of religion and texts about themselves Thinking in the blessings of God creates a good atmosphere for your audience. The use of rich treasures of prose Persian poetry, proverbs, and proper songs and phrases, and the creation of a spiritual atmosphere for the night-lovers, and ultimately, encouraging them to perform, timely demands. Very nice, indeed. Not Hungary, as I originally had thought, as not //web.
- 1251 **HUNGARY** 25 kW, 2 sites Danko Radio. 1953 11/3 – Excellent reception with instrumental music. //web and 1116 (thanks, Bruce!). Latter is co-channel, though.

- 1314 **IRAN** Ardabil, 50 kW, IRIB Radio Iran. 2030 11/9 – Time pips at the BOH noted, and then clearly 'Radio Iran' into the usual NA or such. Mostly under co-channel RNE 5 stations. Fair to good.
- 1323 **UNITED KINGDOM** Brighton/Southwick, 0.5 kW, Smooth Radio. 2049 11/9 – Good reception besides the adjacent splatter, with oldies music. No signs of anyone else on frequency. Very good at 2052. Follow you; Follow me by Genesis at 2053. Strong! Thanks to Neil Wolfish for immediately IDing it. Not bad for 500 w.
- 1377 **ARMENIA** Gavar, 500/50 kW, TWR Asia. 2053 11/3 – Often very strong in Arabic (as listed in MWList), with co-channel below nominal which is Iran (man vs woman from Armenia). Faded as we're approaching TOH.
- 1386 **LITHUANIA** Viesintos, 150 kW, Radio Baltic Waves International. 2017 11/3 – Very strong reception with Radio Liberty programming in Belarussian. Adjacent splatter is still relatively strong. Rechecking, shows they are very strong at times. Noted at 2122 talking about the recent granting of Tomos to the Ukrainian Orthodox Church, Kyiv Patriarchy. Identified their leader (Patriarch Filaret). Radio Svoboda ID. Belorussian language.
- 1413 **MOLDOVA** Grigoriopol, 500 kW, Vesti FM. 2015 11/7 – Mostly RNE Radio 5 (with 3 transmitters of 25, 12 and 10 kW), but occasional Russian fading up to good level, but not very often. Spain is excellent.
- OMAN** A'Seela, 800 kW, BBC WS. 2021 11/3 – Very strong English programming, but faded down to be replaced with Vesti FM in Moldova with 500 kW in Russian. By 2022, music dominated, which turns out to be RNE Radio 5 with 3 transmitters of 10, 12, and 25 kW. They also rapidly faded down. This is what makes MW fun. Stay on a frequency, and you'll go from station to station!
- 1422 **ALGERIA** Ouled Fayet, 50 kW, Radio Culture. 1928 11/5 – Good to very good reception with Arabic talk by OM. Soothing voices, akin to NPR programming in my mind! Some adjacent splatter.
+Radio Coran. 0107 11/6 – With several Arab stations here, wasn't sure who it was, but did finally find the correct link at the Radio Algeria website for Radio Coran, and confirmed (as was advised by my DXpedition attendees) by the audio feed found here: <http://www.radioalgerie.dz/live/tab-chCoran.html>. Up to good reception, on an otherwise lacklustre evening.
- 1431 **DJIBOUTI** Doraleh, 600 or 300 kW, Radio Sawa. 2010 11/3 – Very good reception with Arabic female vocal. Faded down revealing just a mish-mash. Only briefly before they came back at great level.
+2210 11/9 – Excellent reception with Arabic music. Faded down somewhat by 2214. Amazing what a few kW will get you!
- 1449 **IRAN** Bandar-e Torkaman, 400 kW, IRIB World Service. 1814 11/9 – Listed in MWList as Turkish to 1820, but NA at 1815, followed by some strident talk, with mentions of Iran. Transmitter cut at: 1816:00. Happy with this early catch. No one else on frequency at the time. Fair+ reception.
- 1458 **GIBRALTAR** Maida Vale, 4 kW, Radio Gibraltar Plus. 2131 11/5 – In the clear with Tina Turner's Private Dancer, good reception with nice ID at the BOH, but shortly after, I did hear, 'Lyca Radio'. The UK station is 125 kW, but with auroral conditions, not an issue. Soon gone again, and strong signal from Gibraltar. Not bad for 4 kW! IDed again at 2138:20, 'on FM, AM, DAB and on-line', I think.
- UNITED KINGDOM** Brookmans Park, 125 kW, Lyca Radio 1458. 1826 11/9 – Good reception with South Asian music. //web at: <http://www.lycadio.com>. Faded out replaced by someone else before the BOH.
- 1467 **FRANCE** Rououles, 1000 kW, Trans World Radio. 2139 11/5 – Excellent reception in listed Kabyle. Not surprising, as they're super power and we are hearing that part of Europe/North Africa very well this afternoon. TWR IS and into Arabic at 2145. Had to look up 'Kab', which I found out is part of an internationally recognized coding for languages, used in MWList, found here: https://www.loc.gov/standards/iso639-2/php/code_list.php.
- 1494 **MOLDOVA** Cahul (30kW) and Edinet (20 kW), Radio Moldova Actualitati. 1950 11/9 – Good reception and //audio at: http://radiolive.trm.md:8000/PGM1_128kb.m3u. Traditional Moldovan/Romanian music. Appears to be right on 1494.000, while there's a weaker co-channel measuring 5 Hz low.
- 1521 **SLOVAKIA** Rimavska Sobota, 10 kW, SRo 3 Radio Devin. 0035 11/4 – Good reception in Slovak by woman //1098 (a more jumbled frequency), 702 is also mentioned, but not heard.
- 1530 **SAO TOME** Pinheira, 600 kW, VoA. 2031 11/3 – Good reception in English with an African music program (Ethiopian). Usually dominates the frequency over any domestic channel.
- 1548 **MOLDOVA** Grigoriopol, 1000 kW, TWR. 2039 11/7 – Took me a while to figure out the language. Most strange! It's Hungarian, with many mentions of Bethlehem. Very good reception with minor co-channel presence. Mentions of Budapest at 2059. Almost oriental sounding music. TWR IS at 2059:50 x 1 and into Serbian programming. Ah, a language I can follow!
- 1575 **IRAN** jammer against Radio Farda. 2041 11/3 – Tremendous noise jammer well over Radio Farda, which is also well heard. Buzzing +++ Excellent signal strength.
- ITALY** Genova, 30 kW, RAI Radio 1. 1915 11/5 – Very good reception with only a hint of the Iranian jammer today. Discussion between a man (in studio) and a woman (at the other end of a feed).
- 1593 **FRANCE** Saint-Goueno, 10/5 kW, Bretagne 5. 1900 11/9 – Good reception with weather forecasts in French. Mostly over another co-channel station with music. Suspect the latter is Romania.
- 1615 **HOLLAND** Zwolle, 1250 watts, Mike Radio. 2100 11/8 – An interesting afternoon here. A couple days ago, Mike Radio's op contacted me about a DX test to our PEI DXpedition. We agreed upon 21 to 22 UTC tonight. Unfortunately, conditions into north-central Holland were not ideal, so he QSYed to 1618 upon our recommendation due to splatter from 1610 here. Occasionally faded up to fair+ levels, but often down in the mud. I did record the broadcast from the U Twente SDR, though, where conditions were generally good. Inverted L antenna mounted at 18.5 m elevation, and 22.5 m length. A fun part of our hobby. Many mentions directed at us with our names, location (PEI), and what we were doing here. Thanks Mike!
- 1624 **EUROPIRATE** UnID 0442 11/5 – Presumably Greek pirate with non-stop music at good level at times, including C&W music. The brief announcements are mostly undermodulated, but I suspect Greek, but not entirely sure.
- 1629 **EUROPIRATE** 2057 11/6 – Powerful signal, but of course faded down in time for TOH! Greek style sounding music. Many interruptions with chat, in presumed Greek. Very good at times! Wonder who they might be??? 1625 is the other rather strong Europirate, and sounding very much like the Dutch pirate Bluebird.
- 1698 **SPAIN** La Coruna, EAR La Coruna Radio. 2039 11/8 – Spanish Coast Guard radio with warnings including in English. 'Regional warning, number xxxxx, etc'. Concluded at 2042:45. Espania Coast Guard heard at 2040.
- 1730 **EUROPIRATE** UnID 2327 11/8 – Pretty powerful at times with non-stop techno music. Not sure who this is, or from where, but without doubt, a Europirate. Occasional splatter from a marine USB broadcast (from Norway) on 1728.

Cape Lookout DXpedition Loggings – Guy Atkins (via IRCA eGroup)

Guy Atkins, Puyallup WA USA. DXing from Cape Lookout State Park OR. FDM-S2/IC-7300/ALA1530NLP Imperium @20 ft.

11/7. Below are the catches I was able to pull from my files today. After the bare scraps of TPs on Monday and Tuesday, November 7th seemed like drinking from a fire hose. I tried to locate JOIG on 648 which Nick mentioned, but never found anything more than whispers on that frequency.

- 531 **JAPAN** JOQG, Morioka, NHK1. 1421 11/7 – Man and woman talk in Japanese, peaking briefly to good at 1421. Likely Morioka, as audio was not parallel 963 or 549, which eliminates other possibilities per Bruce's excellent PAL reference.
- 558 **JAPAN** JOCR, Kobe. 0809 11/7 – Noted this one rising up from the noise with a Japanese ballad and talk by man. Fair.
- 567 **JAPAN** JOIK, Sapporo, NHK1. 0644 11/7 – Another Sapporo early riser; poor level but increasing, with female talk in Japanese.
- REP KOREA** HLFK, Jeonju, KBS1. 1500 11/7 – Likely HLFK here with news items in Korean, beneath a stronger JOIK. Fair.
- 594 **JAPAN** JOAK, Tokyo, NHK1. 0648 11/7 – Fading in well before Tokyo local SS, along with other major NHK outlets.
- 621 **UnID** 1130 11/7 – A jumble of Chinese and possible Korean on 621, so perhaps Pyongyang VoK and one of the Chinese RGD stations.
- 639 **CHINA** CNR1. 1500 11/7 – Very strong signal at 1501 peak with partial ID for CNR1.
- UnID** 1705 11/7 – A mix of at least two stations, the dominant one seemed Japanese with singing and talk. Very weak signal at two hours past local SR, but noise level was low.
- 657 **DPR KOREA** Pyongyang Bangsong, Kangnam. 1254 11/7 – First heard with orchestral music, but signal nosedived prior to top of the hour. Back in audio again 1314 with harsh speech or commentary in Korean. Fair.
- 666 **JAPAN** JOBK, Osaka, NHK1. 1013 11/7 – Good level of Japanese talk for a couple of minutes, then disappeared completely at 1315... likely to resurface.
- 675 **VIETNAM** Voice of Vietnam 1, My Van. 1516 11/7 – Fast talking women in Vietnamese, identified by //711. Poor to fair signal on peaks.
- 693 **JAPAN** JOAB, Tokyo, NHK2. 0654 11/7 – Fading in a little later than some of the other NHK stations, but growing a bit louder with Japanese talk.
- NEW ZEALAND** Radio Sport, Dunedin. 0658 11/7 – Tentative with faint talk in Kiwi(?) accented English between two announcers. Signal poor, but rising up from the noise as New Zealand sunset approaches; JOAB faded back down.
- 702p **JAPAN** JOKD, Kitami, NHK2. 0653 11/7 – Presumed this more northerly outlet fading in, versus JOFB Hiroshima. Talk in Japanese.
- 711 **VIETNAM** Voice of Vietnam 1, Can Tho. 1516 11/7 – Fast talking women in Vietnamese, identified by parallel on 675 kHz. Poor to fair signal on peaks.

- 729 **JAPAN** JOCK, Nagoya, NHK1. 1017 11/7 – Man and woman with quick talk in Japanese. Fair signal. Parallel to 594.
 747 **JAPAN** JOIB, Sapporo, NHK2. 0628 11/7 – Fading in with female announcer. Low level signal.
 774 **JAPAN** JOUB, Akita, NHK2. 0626 11/7 – Poor to fair at tune-in with male announcer. First Japanese outlet to fade in tonight, an hour and a half before transmitter SS. Broadcasting with 500kW helps :) Building to a good level at 0637...signs of a great DX night!
 819p **DKR KOREA** KCBS, Pyongyang. 1116 11/7 – Presumed Pyongyang with sweeping, dramatic orchestral music in Korean. Fair to good.
 828 **JAPAN** JOBB, Osaka, NHK2. 0743 11/7 – Man and woman in discussion; fair signal but improving by the minute as sunset moves across the country.
 837p **JAPAN** JOQK, Niigata, NHK1. 0829 11/7 – Presumed this one with Japanese talk and mellow vocal music. Fair signal.
 864 **JAPAN** UnID 0846 11/7 – Unknown Japanese station here, with talk by female announcer. This station seemed parallel 1287, so this could be one of a few low power HBC outlets.
 918 **CHINA** UnID 1500 11/7 – Big signal at top of the hour, sounded like a partial ID with '...Shandong...' in it, so maybe Shandong RGD.
 972 **REP KOREA** HLCA, Danjin. 2328 11/7 – Very good signal of Korean talk by two announcers, and pop music. A very faint co-channel noted; seemed like Chinese orchestral music. Huge signal on HLCA at 1500, with faint English language Christian contemporary music in the background – Radio Rhema likely.
 981t **CHINA** CNR1, various. 0839 11/7 – Tentative. I noted a Chinese language signal struggling mightily here, with a faint Japanese signal beneath at time. Both were very weak.
 p +1013 11/7 – Presumed this one with Chinese talk by a man. Fair and improving. Very good at 1442.
 1008 **JAPAN** JONR, Osaka. 1030 11/7 – Rising nicely out of the noise with Japanese talk or group discussion, and disappearing by 1033.
 1017 **CHINA** CRI, Changchun. 1055 11/7 – I noticed JOLB fading, and Chinese language rising up as 1100 UTC approached. CRI trumpet fanfare at 1100, then ID in Chinese followed by Korean 'Chung-guk Guk-je Bang-song imnida', per PAL. Good level while it lasted.
JAPAN JOLB, Fukuoka, NHK2. 0828 11/7 – Two Japanese male announcers with talk. Definitely northerly conditions with no hint of Tonga.
 UnID 1501 11/7 – A three-way jumble on this frequency, with Chinese, Korean, and Japanese languages battling for bragging rights. JOLB Fukuoka, HLAW South Korea, and China are the culprits on 1017.
 1044 **CHINA** CRI, Changzhou. 1233 11/7 – Male and female talk in Japanese, which is listed in PAL for this time frame. Fair signal but muddy audio or propagation. Tentative.
 1053 **JAPAN** JOAR, Nagoya. 0903 11/7 – Rapid fire discussion with two men in Japanese. Humorous 'hi, hi, hi!' banter... wonder what that was about? Fair level before taking a nose dive.
 1134 **JAPAN** JOQR, Tokyo. 0827 11/7 – Good signal of bouncy music and a cheerful announcer in Japanese.
 1179 **JAPAN** JOOR, Osaka. 1156 11/7 – Noted with vocal music in Japanese, and male announcer. Signal was fair but took a dive after 1157 and was MIA at top of the hour.
 1287 **JAPAN** JOHR, Sapporo. 0627 11/7 – Another early appearance for this northerly city's broadcaster. Lively man and woman chatter. Poor to fair.
 1350t **JAPAN** JOER, Hiroshima. 1523 11/7 – Tentative. Good signal of lively Japanese talk by two or three announcers, co-channel with KTIK, Boise, Idaho (ads for snowmobiles; mentions of Boise).
 1422 **JAPAN** JORF, Yokohama. 0945 11/7 – Rapid fire chatter by two men in Japanese. Fair and slowly getting better before fades.
 1503t **JAPAN** JOUK, Tokyo, NHK1. 1020 11/7 – I had Japanese language rising to the surface including mentions of "Tokyo". This is probably JOUK Tokyo, a 10kW outlet rather than the much weaker 1kw and less outlets on 1503.
 1566 **REP KOREA** HLAZ, Jeju, FEBC. 0818 11/7 – I noted an early fade-in of this FEBC broadcaster, with large choir and church hymns, plus Korean language announcer. Poor to fair. Good at 0859 with 'HLAZ' ID by woman, and single tone at 0900. At 1529 signal was fair during the sign-off of the Chinese language segment. Sign-on in Russian at 1631 was much stronger (beam change).
 1575 **THAILAND** VoA, Ban Phachi. 1359 11/7 – No sign of the UnID English station heard earlier, but this station was talk in listed Khmer with a 'VoA' ID right at 1359:41.
 UnID 1317 11/7 – I came across 1575 again just as a weak, US-accented male English speaker was speaking over a non-descript music selection. It may have been a PSA or announcement. Possibly one of the AFN Japan stations?

QH-12 DXpedition – Allen Willie (via Mark Connolly and IRCA eGroup)

It has been a great night for Trans-Atlantic DX on Medium Wave radio here in the North Atlantic. Here are some of the logs from what has been heard here this evening, including the 4 "new" catches for the logbook.

- 531 **ALGERIA** Jil FM, F'Kirina. 2350 11/12. Music, Arabic talk, ID //549 (Strong signal).
SPAIN RNE Radio 5, various. 2105 11/12. Spanish talk, ID (under Algeria).
 540 **HUNGARY** MR1 Radio Kossuth, Solt. 2030 11/12. Man in Hungarian, mention of Magyar (Signal mixing w/CBT Grand-Falls – Windsor, Newfoundland).
 549 **ALGERIA** Jil FM, Sidi Hamadouche. 0000 11/13. Arabic teletalk and ID.
UKRAINE UR 1 Mykolaiv. 2105 11/12. News by man in Ukrainian (mixing w/Algeria).
 558 **IRAN** IRIB Radio Iran, Tehran. 2045 11/12. Farsi talk.
SPAIN RNE Radio 5, various. 2035 11/12. Music, man in Spanish, ID.
 567 **SAUDI ARABIA** SBC Al-Quran al-Karim, various. 2105 11/12. Chants //999 *** NEW LOG ***.
 576 **BULGARIA** BNR Horizone, Vidin. 2300 11/12. News in Bulgarian, music, ID (mix w/Spain)
SPAIN Radio Nacional de Espana, various. 2100 11/12. News by woman in Spanish, ID.
 585 **SAUDI ARABIA** SBC Radio Riyadh/Idha'at ul-Nedaa al-Islam. 2110 11/12. Chants (mixing with Spain) *** NEW LOG ***.
 603 **SPAIN** Radio RNE 5, various. 2030 11/12. Man in Spanish.
 612 **MOROCCO** SNRT Al Idaâ Al-Watania Meknès, Sebaa-Aioun. 2320 11/12. Arabic talk and music.
 621 **CANARY ISLANDS/SPAIN** RNE Radio Nacional, various. 2115 11/12. Spanish commentary, ID.
 684 **SPAIN** Radio Nacional de Espana, Sevilla. 2115 11/12. Man in Spanish, ID (Strong signal).
 693 **UNITED KINGDOM** BBC Radio 5, various. 2150 11/12. Talk about Australia, ID.
 747 **SPAIN/CANARY ISLANDS** Radio Nacional 5, various. 2030 11/12. Commentary by woman in Spanish.
 774 **EGYPT** ERTU Al-Sharq al-Awsat, Abis. 2100 11/12. Arabic talk and music.
 783 **SYRIA** SRTV 1 Dimashk, Tartus. 2015 11/12. Arabic talk and music, mention of Syria.
 792 **SPAIN** SER Sevilla, various. 2100 11/12. News in Spanish, ID.
 801 **SPAIN** RNE Radio Nacional, various. 2055 11/12. Spanish talk, ID (heard in SSB mode due to local VOWR).
 810 **MACEDONIA** Makedonsko Radio 1, Ovce Pole. 0115 11/13. Macedonian talk and folk music, ID.
SCOTLAND BBC Radio Scotland. 2055 11/12. Discussion between two men, ID.
 819 **EGYPT** ERTU Al-Barnameg al-Aam, Batrah. 2030 11/12. Quranic chants, Arabic talk, music.
 828 **AZORES** Antena 1, Acores. 2030 11/12. Portuguese talk.
 855 **SPAIN** RNE 5 Radio Nacional, various. 2050 11/12. Two men in Spanish, ID.
 864 **EGYPT** ERTU Al-Quran al-Karim, Santah. 2305 11/12. Quranic chants, Arabic talk.
 882 **SAUDI ARABIA** SBC, Al Quran al-Karim. 2025 11/12. Chants (heard under BBC Radio Wales) *** NEW ***.
UNITED KINGDOM BBC Radio Wales. 2025 11/12. Talk about automobiles, mention UK.
 900 **ITALY** RAI Radio 1 Lombardia, Milan-Siziano. 0050 11/13. Italian talk by man.
 909 **ROMANIA** Romania Actualitati, various. 2300 11/12. News by man in Romanian (under BBC Radio 5).
UNITED KINGDOM BBC Radio 5, various. 2045 11/12. Talk, ID mention of UK (mixing with Romania).
 954 **CZECH REPUBLIC** CRo Dvojka, Dobrochov. 2300 11/12. Carly Jespersen song, orchestral music hymn, ID, Czech talk (mix w/Spain).
SPAIN Onda Cero Radio, Madrid. 2015 11/12. Man and woman in Spanish conversation, ID.
 963 **CYPRUS** CyBC-RIK Proto. 2125 11/12. Greek talk, songs by Kansas and Deep Purple (weak signal under Tunisia) *** NEW LOG ***.
TUNISIA RTT Radio Tunis Chaîne Int. Tunis Djedeida. 0155 11/13. Music, French talk.
 981 **ALGERIA** Chaîne 2, Ouled Fayet. 2050 11/12. Teletalk in Tamazight language.
 990 **SPAIN** SER Radio, various. 2125 11/12. Spanish commentary by woman (Signal under CBY Newfoundland).
 999 **MOLDOVA** TransWorld Radio, Grigoriopol-Maiac. 2005 11/12. Russian language program, music (mixing w/Spain).
SAUDI ARABIA SBC Al-Quran al-Karim, Duba. 0005 11/13. Quranic chants (mixing with Spain).
SPAIN COPE Radio, Madrid. 2015 11/12. Spanish ads and promos, ID (Very strong signal).

- 1008 **NETHERLANDS** GrootNieuws Radio, Zeewolde. 2325 11/12. Dutch religious talk, gospel songs, ID.
SPAIN SER Radio, various. 2005 11/12. Spanish talk, cuckoo sound effect, ID.
1026 **IRAN** IRIB Radio Tabriz, Azarshahr. 2020 11/12. Farsi talk by man, chants (Signal mixing with Spain).
SPAIN SER Radio, various. 2025 11/12. Spanish talk.
1044 **SPAIN** SER Radio, San Sebastian. 2020 11/12. Spanish talk by woman, ID, promos (Strong signal).
1053 **ROMANIA** Radio Iasi, Iasi. 2020 11/12. Man in Romanian (mixing with Talksport UK)
UNITED KINGDOM Talksport Radio, various. 2010 11/12. Premiere League talk, ID //1089.
1062 **ITALY** RAI Radio 1, various. 2020 11/12. Italian talk by man, ID.
1080 **SPAIN** SER Radio, various. 2020 11/12. Spanish talk by two men //1044.
1089 **UNITED KINGDOM** Talksport Radio, various. 2015 11/12. Ads, promos, ID.
1098 **SLOVAKIA** SRo 3 Rádio Devín, various. 2050 11/12. Song vocals (matched online audio) under Spain.
1107 **UNITED KINGDOM** Talksport Radio, various. 2145 11/12. Sports talk, ID (mixing with Spain).
1125 **BELGIUM** RTBF Viva Cite', Houdeng. 2140 11/12. French talk by woman, songs, ID (Signal mixing with Spain).
1152 **SPAIN** RNE 5 Radio Nacional, various. 0005 11/13. News in Spanish, ID.
1161 **ALGERIA** Radio Tamanrasset, In Salah. 2145 11/12. Music, Arabic talk, ID.
1170 **SLOVENIA** Radio Capodistria, Beli Kriz. 2310 11/12. Italian talk, ID, music.
UNITED ARAB EMIRATES Sawt Al-Joumhouria, Voice of the Republic, Al-Dhabbaya. 2010 11/12. Music, Arabic talk, ID.
1179 **ROMANIA** Romania Actualitati, Bacau-Galbeni. 2010 11/12. Man in Romanian, ID (mixing w/SER Spain/Canaries).
1215 **UNITED KINGDOM** Absolute Radio, various. 2140 11/12. Pop songs, ID.
1224 **SPAIN** COPE Radio, various. 0210 11/13. Man in Spanish commentary.
1233 **CZECH REPUBLIC** Radio Dechovka, various. 2010 11/12. Various brass instrument song vocals, ID.
1314 **SPAIN** Radio Nacional 5, various. 2050 11/12. Woman in Spanish commentary, ID.
1341 **NORTHERN IRELAND** BBC Radio Ulster, Lisnagarvey. 2345 11/12. Talk, music, ID.
1413 **SPAIN** Radio Nacional de Espana 5, various. 2055 11/12. Man in Spanish commentary, ID.
1422 **ALGERIA** Radio Coran, Ouled Fayet. 0125 11/13. Quranic chants, Arabic talk.
1431 **DIBOUTI** Radio Sawa, Arta. 2145 11/12. Arabic talk, ID, music.
1467 **FRANCE** TransWorld Radio Europe, Romoules. 2140 11/12. Arabic, then French announcement and sign off at 2145.
1521 **SAUDI ARABIA** SBC Radio Riyadh, Duba. 2045 11/12. Arabic talk, music.
1550 **ALGERIA/WESTERN SAHARA** Saharawi Arab Dem.Rep.Nat. Radio, Rabuni. 2145 11/12. Music, Arabic talk.

Receiver: Yaesu FRG – 100 w/600 foot/183 metre 14 gauge insulated random copper wire to South East @ 135 Degrees.

Grayland 2018 DXpedition

October 13-15 2018, **Bruce Portzer** (Elad FDM-S2, Perseus), **Chuck Hutton** (Perseus, HF _), **Tom Rothlisberger** (Perseus)

Antennas: 20 x 160 DKAZ and 2 loops about 18 x 18, all at 270 degrees

- 540 **JAPAN** NHK1 synchros. 1301 10/13. Poor NHK pips. (Hutton)
549 **AUSTRALIA** 2CR, Orange, ABC Central West. 1100 10/13. ABC fanfare and ABC News at ToH //567, 657, 702; weak (TR)
+1300 10/14. Poor ABC fanfare. (Hutton)
+1200 10/15. Weak theme music then very faint news. (bp)
JAPAN JOAP, Naha, NHK1. 1300 10/13. Poor NHK pips. (Hutton)
649 **JAPAN** JOAP, Naha, NHK1. OCT 3 1402 – poor w/woman talking //594; first reception at home. [NHP-BC]
558 **JAPAN** JOCR, Kobe. 1330 10/13. Poor with Japanese chat. (Hutton)
+1400 10/15. Lively Japanese talk w/bits of South Korea in background chime at ToH. (bp)
SOUTH KOREA HLQH, Yeong-II, KBS2. 1403 10/14. Up-tempo pop song //603, fair. (TR)
560 **ALASKA** KVOK, Kodiak. 1418 10/15. KVOK in Kodiak following country song, fair. (TR)
567 **AUSTRALIA** 4JK, Julia Creek, ABC NW. 1100 10/13. ABC fanfare and ABC News at ToH //657, 702. (TR)
+1100 10/13. Poor ABC fanfare before news. (Hutton)
JAPAN JOIK, Sapporo, NHK1. 1403 10/15. Good w/man and woman //594. (bp)
+1410 10/15. Piano music and Japanese talk //594, 666. (TR)
REP KOREA HLKF, Jeonju. 1400 10/15. Good Korean male w/call ID 3+1 pips then news JOIK in background. (bp)
570 **HAWAII** KUAI, Elele, Kauai. 0800 10/15. KUAI Kauai's Country an Ohana Broadcast Station. (TR)
576 **AUSTRALIA** 2RN, Sydney, ABC National. 1000 10/13. ABC fanfare and ABC News, fair. (TR)
UnID 1358 10/15. Talk too weak to ID language weak pips 1400 sounded 5+1 so likely CHINA. (bp)
585 **JAPAN** JOPG, Kushiro. NHK1. 1400 10/14. Poor NHK pips. (Hutton)
+1327 10/15. Weak talk //594. (bp)
590 **HAWAII** KSSK, Honolulu. 1431 10/14. Musical KSSK jingle between songs. (TR)
594 **AUSTRALIA** 3WV, Horsham, ABC W. 1200 10/13. ABC fanfare, news by male announcer. (TR)
+1400 10/14. Poor ABC fanfare. (Hutton)
594 **JAPAN** JOAK, Tokyo, NHK1. 1200 10/15. Time pips and man with NHK news. (TR)
+1403 10/15. Good man and woman. (bp)
603 **CHINA** CNR1 synchros. 1300 and 1400 10/14. Poor CNR1 ToH theme. (Hutton)
REP KOREA HLSA, Seoul, KBS2. 1403 10/14. Up-tempo pop song //558, poor. (TR)
+1359 010/15. Happy FM jingle and ID tone at ToH then theme song. (bp)
612 **AUSTRALIA** 4QR, Brisbane. 1000 10/14. ABC fanfare and ABC News, poor with QRM. (TR)
+1100 10/14. Theme music and news by woman fair-poor due to large digital noise spike. (bp)
JAPAN JOLK, Fukuoka, NHK1. 1325 10/15. Woman //594 fair freq mostly blocked by huge digital spike. (bp)
620 **ALASKA** KGTL, Homer. 1400 10/15. KGTL AM 620, FM 100.1 at ToH. (TR)
621 **AUSTRALIA** 3RN, Melbourne, ABC National. 1000 10/13. ABC fanfare and ABC News at ToH //657, 567. (TR)
+1100 10/14. Fair Theme music ABC news with Emily Laurence ID into news. (bp)
CHINA UnID 1400 10/15. Weak song ran across ToH with 5+1 pips over it then man in Chinese. Probably Heilongjiang. (bp)
DPR KOREA Pyongyang Bangsong, Chongjin. 1429 10/14. Poor opera on 620.930. (Hutton)
TUVALU T2U2, Funafuti, Tuvalu Radio. 0858 10/13. Poor-fair with woman talking in a language that seemed island-ish. (Hutton)
+0858 10/15. Fair with Island music and woman talking through ToH. (TR)
+p 0900-0905 10/15. Poor with woman giving weather forecast and mention of typhoon. (Hutton)
630 **AUSTRALIA** 4QN, Townsville, ABC North. 1100 10/13. ABC fanfare and ABC news at ToH. (TR)
+1400 10/13. With fanfare before news. (Hutton)
+1000 10/14. Poor-good weak theme music and start of ABC news rising to good level by 1003 o/domestics. (bp)
CHINA CNR2 synchros. 2013 10/14. With poor 5+1 pips. (Hutton)
+1400 10/15. 5+1 pips and Chinese talk mixing with domestics poor. (bp)
639 **CHINA** CNR1 synchros. 1400 10/15. Weak pips TC ID etc mixing w/Japan. (bp)
JAPAN JOPB, Shizuoka. 1440 10/13. Poor weak with unreadable signoff ID then NA and music box IS for about 3.7 minutes. (bp)
JAPAN JOIP and/or JOPB, Oita/Shizuoka. 1400 10/13. Poor with NHK pips and news. (Hutton)
640 **ALASKA** KYUK, Bethel. 1400 10/15. KYUK your public radio station by female announcer, all alone. (TR)
648 **CHINA UnID** 1400 10/14. Poor with 5+1 pips, could not pull an ID. (Hutton)
JAPAN JOIG, Toyama, NHK1. 1300 10/13. Poor NHK pips and news. (Hutton)
+1428 10/14. Man and woman talking //594. (bp)
650 **ALASKA** KENI, Anchorage. 1417 10/15. On Newsradio 650 KENI after local traffic report. (TR)

- HAWAII** KPRP, Honolulu. 0800 10/15. You're listening to the new 650 KPRP AM Honolulu, good. (TR)
- 657 **AUSTRALIA** 2BY, Byrock, ABC W. 1100 10/13. ABC fanfare and ABC news at ToH. (TR)
 +1100 10/13. Poor with ABC fanfare before news. (Hutton)
 +1400 10/15. Weak theme music u/Korea. (bp)
- DPR KOREA** 1400 10/14. ID? By man 3+1 pips music. Weak Chinese talk in background. (bp)
- 666 **AUSTRALIA** 2CN, Canberra, ABC Canberra. 1100 10/14. ABC fanfare at ToH, weak. (TR)
 +1100 10/14. Poor ABC fanfare. (Hutton)
 +1100 10/14. Very poor weak ABC theme music and faint talk. (bp)
- JAPAN** JOBK, Osaka, NHK1. 1300 10/13. Fair with news. (Hutton)
 +1400 10/14. NHK mention then news. (bp)
 +1410 10/15. Piano music and Japanese talk //567, 594. (TR)
- 670 **ALASKA** KDLG, Dillingham. 1400 10/15. ID for KDLG and KNSA-930 then NPR news o/KBOI. (bp)
 +1400 10/15. You're listening to KDLG Dillingham also heard on KNSA Unalakleet. (TR)
 +10/15. Almost fair with ID. (Hutton)
- 675 **JAPAN** NHK1 synchros? Male talk across ToH (no pips) //666. (bp)
- 684 **AUSTRALIA** 2KP, Kempsey. 1200 10/13. Poor ABC fanfare. (Hutton)
- 693 **JAPAN** JOAB, Tokyo, NHK2. 1258 10/15. English lessons //702, 774. (TR)
 +1355 10/15. Portuguese news 1359 announcement saying it came from NHK World Radio Japan then 3+1 pips strong. (bp)
- 702 **AUSTRALIA** 2BL, Sydney, ABC Sydney. 1000 10/13. ABC fanfare followed by news with female announcer, fair. (TR)
 +1100 10/14. Fair 6 pips then ABC theme music and ABC news ID news by woman followed mixing w/UnID. (bp)
- CHINA** Jiangsu, RGD. 1358 10/14. Opera, 1400 poor Jiangsu RGDD ID. (Hutton)
 +1424 10/15. With Chinese talk by woman. (TR)
- DPR KOREA** KCBS, Chongjin. 1428 10/14. Poor music //819. (Hutton)
- JAPAN** JOFB/JOKD, Hiroshima/Kitami, NHK2. 1300 10/14. Fair pips and English lesson //774 music in background. (bp)
 +1259 10/15. English lessons //693. (TR)
- 711 **REP KOREA** HLKA, Sorae, KBS1. 1400 10/14. Fair announcement pips KBS ID news. (bp)
 +1325 10/14. Fair with man in Korean. (Hutton)
- 720 **CHINA** 1400 10/15. Weak pips. (bp)
- DPR KOREA** KCBS, Kanggye. 1400 10/14. Almost fair, //819. (Hutton)
- 729 **AUSTRALIA** 5RN, Adelaide, ABC National. 0930 10/13. ABC Fanfare and ABC News. (TR)
 +1130 10/14. ABC news weak. (bp)
- CHINA** Jiangxi RGD synchros. 1330 10/15. Fair with seeming end of radio play and ID. (Hutton)
- JAPAN** JOCK, Nagoya, NHK1. 1300 10/13. A bit better than poor with NHK news. (Hutton)
 +1358 10/15. Good man in Japanese talked across ToH w/no pips Chinese pips in background 1400. (bp)
 +1449 10/15. Good with man speaking //594. (TR)
- UnID** 1410 10/14. Woman possibly in Chinese dialect Mixing w/Japan. (bp)
 +1400 10/15. 4 pips u/JOCK then bits of talk. (bp)
- 738 **AUSTRALIA** 2NR, Grafton. 0800 10/13. Poor ABC fanfare. (Hutton)
 +1200 10/13. ABC fanfare, news by male announcer. (TR)
 +1000 10/14. Theme music ABC News ID then news by woman. (bp)
- REP KOREA** KBS1, Gyeongsan. 1333 10/14. Fair Korean talk //864. (Hutton)
- TAIWAN** BEL2, Baisha. 1330 10/15. Fair and IDed by //1143. (Hutton)
 +1330 10/15. Woman speaking Chinese //1143. (TR)
- VARIOUS** 1400 10/14. Mix of South Korea, Taiwan and Australia at ToH. (bp)
- 747 **JAPAN** JOIB, Sapporo, NHK2. 1410 10/15. Hello everyone welcome to Enjoy Simple English, good. (TR)
 +1357 10/15. Good w/Portuguese news by man and woman. (bp)
- 750 **ALASKA** KFQD, Anchorage. 1400 10/15. ToH musical jingle KFQD Anchorage. (TR)
- 756 **CHINA** CNR1 synchros. 1400 10/14. Poor CNR1 theme music and ID. (Hutton)
 +1359 10/15. Fair w/female soprano singer male spoke 1359:30 pips at 1400 then the usual ID etc. (bp)
- 760 **HAWAII** KGU, Honolulu. 0900 10/15. KGU Honolulu The Reason. (TR)
- 774 **AUSTRALIA** 3LO, Melbourne, ABC Melbourne. 1000 10/13. ABC fanfare and ABC News. (TR)
 +1000 10/14. Fair ABC News ID and theme music partly covered by train whistle on JOUB then woman w/news u/JOUB. (bp)
- JAPAN** JOUB, Akita, NHK2. 1440 10/13. Strong w/NHK Akita dai-ini hoso des then NA and music box carrier remained on after 1615 (possibly all night?)
 weak UnID in background probably 3LO. (bp)
 +1410 10/15. Hello everyone welcome to Enjoy Simple English excellent. (TR)
- 780 **ALASKA** KNOM, Nome. 1400 10/15. KNOM AM – FM in Nome, it's Six o'clock. (TR)
- 792 **AUSTRALIA** 4RN, Brisbane, ABC National. 1000 10/13. ABC fanfare followed by news with female announcer, fair. (TR)
 +1300 10/14. Fair theme music and news 1306 program opened with Dr Who theme. (bp)
- 801 **UnID** 1400 10/14. Weak seemingly non-stop EZL music possibly KTWG. (bp)
- 810 **CHINA** Zhejiang RGD, Zhejiang. 12414 10/15. Chinese announcements by woman, poor. (TR)
- 819 **AUSTRALIA** 2GL, Glen Innes, ABC New Eng NW. 1000 10/13. ABC fanfare and news by woman announcer, poor. (TR)
 +1000 10/13. Poor ABC news. (Hutton)
 +1100 10/14. Poor ABC fanfare. (Hutton)
 +1100 10/14. Weak ABC news in 820 splash. (bp)
- DPR KOREA** KCBS, Pyongyang. 1259 10/15. Instrumental music in 3/4 time, Korean announcement and time pips. (TR)
 +1359 10/15. Loud w/instrumental music man with something Bangsong ID (?) probably Jung-ang Pangsong but hard to tell due to distorted audio. 3+1 pips at 1400. (bp)
- JAPAN** JONK, Nagano, NHK1. 1333 10/14. Weak woman mixing w/North Korea //594. (bp)
- 828 **AUSTRALIA** 3GI, Sale. 1100 10/14. poor ABC fanfare. (Hutton)
 +1100 10/14. Weak ABC news. (bp)
 +1200 10/14. ABC fanfare and news, poor. (TR)
- JAPAN** JOBB, Osaka, NHK2. 1300 10/14. Good English lesson about in the red vs in the black bits of ABC news in the background. (bp)
 +1412 10/15. English lessons with Japanese comments about a visit to Kawagoe, good. (TR)
- 830 **HAWAII** KHVH, Honolulu. 0900 10/14. KHVH Honolulu an I-Heart Radio Station. (TR)
 +1400 10/15. PSA for Hawaii BBB legal ID Fox News fair. (bp)
 +1400 10/15. Fair ID. (Hutton)
- 837 **AUSTRALIA** 4RK, Rockhampton. 0800 10/13. Poor ABC fanfare. (Hutton)
 +1000 10/13. ABC fanfare and news, weak. (TR)
 +1100 10/14. ABC news weak at first but fair by 1103 capital cities weather 1105. (bp)
 +1300 10/14. Poor ABC fanfare. (Hutton)
- CHINA** Harbin, RGD. 1400 10/14. Fair talk pips 15 seconds late time check male ID as Harbin Xinwen Guangbo. (bp)
 +10/14. Poor with Harbin RGD ID. (Hutton)
- JAPAN** JOQK, Niigata, NHK1. 1100 10/13. Poor NHK pips. (Hutton)
 +1400 10/13. Weak pips and news //594. (bp)
- 846 **AUSTRALIA** 2RN, Canberra. 1000 10/14. Poor ABC fanfare. (Hutton)
 +1100 10/14. Weak ABC news //855 etc. (bp)
- CHINA** 1421 10/14. Fair Chinese male talk. (bp)

- JAPAN** JOCP, Koriyama, NHK1. 1435 10/15. Woman with call-in man on phone in Japanese //594. (TR)
- KIRIBATI** Radio Kiribati, London. Assumed 0800 10/13. Good carrier but no audio as is often the case with them. (Hutton)
- PHILIPPINES** DZRV, Radio Veritas, Manila. 1431 10/15. Almost fair with men in Tagalog tele-talk. (Hutton)
- 850 **ALASKA** KICY, Nome. 1400 10/15. Non-stop contemporary Christian music, no IDs, in for hours, loud. (TR)
+1403 10/15. pseudo sign on strong then SRN news. (bp)
+1431 10/15. Better than fair with ID. (Hutton)
- 855 **AUSTRALIA** 4QQ/4QB, Eidsvold/Pialba. 1100 10/13. Poor ABC fanfare. 4QB much less likely as their null at 20 degrees is pretty close to the 50 degree bearing to the Pacific NW. (Hutton)
+1100 10/14. Poor ABC fanfare before news. (Hutton)
+1100 10/14. Fair ABC news ID and theme music then news by woman. (bp)
+1200 10/14. ABC fanfare //828. (TR)
- DPR KOREA** 1400 10/14. 3+1 pips woman talking mixing with South Korean jammer had noted opera earlier. (bp)
- REP KOREA** HLCX, Jeonju, MBC. 1300 10/14. MBC chimes at ToH, poor. (TR)
+1400 10/14. Almost fair with MBC chimes. (Hutton)
- 864 **REP KOREA** HLKR, Gangneung, KBS1. 1400 10/14. Announcement by woman 3+1 pips KBS Radio ID by man then news //711/738/etc. (bp)
+1330 and 1400 10/14. Fair with Korean talk. (Hutton)
+1405 10/15. Fair in Korean. (Hutton)
- 873 **DPR KOREA** KCBS, Sinuiju. 1400 10/14. Fair ID. (Hutton)
+1406 10/14. Woman operatic //819 good o/JOGB. (bp)
- JAPAN** JOGB, Kumamoto, NHK2. 1440 10/13. ID and NA then music box IS. (bp)
+1410 10/15. Hello everyone welcome to Enjoy Simple English, good. (TR)
- 882 **CHINA** 1300 10/14. Weak Chinese talk. (bp)
+1300 10/14. Poor TC, ID not decipherable. (Hutton)
- NEW ZEALAND** Star, Auckland. 1300 10/13. Poor and //909. (Hutton)
- 882.3 **DPR KOREA** KCBS, Wonsan. 1405 10/14. Opera singer fair-nil //873/819. (bp)
+1345 10/14. On usual 882.3, poor with talk. (Hutton)
- 890 **ALASKA** KBB1, Homer. 1000 10/14. You're listening to KBB1 AM 890 Homer, good. (TR)
+1400 10/15. Good ID and weather for western Alaska. (bp)
+1400 10/15. Fair ID and almost good with weather. Best Alaskan tonight. (Hutton)
- 891 **AUSTRALIA** 5AN, Adelaide, ABC Adelaide. 0930 10/13. ABC fanfare followed by news with female announcer. (TR)
+1033 10/14. Briefly good during news. (bp)
- AUSTRALIA** 4TAB, Townsville. 1026 10/14. Good horse race results 5AN in the background. (bp)
- JAPAN** JOHK, Sendai. 1400 10/13. Fair pips and NHK news fair. (bp)
+1100 10/13. Poor with NHK pips. (Hutton)
- REP KOREA** HLKB, Busan, KBS1. 1400 10/14. Poor KBS ID. (Hutton)
+2018 10/15. Poor, //864, under Japan. (Hutton)
- 900 **HAWAII** KMVI, Kahului, Maui. 1000 10/13. Maui's ESPN Radio Station KMVI Kahului. (TR)
+1059 10/13. Good w/ad for Mauradioadvertising.com then legal ID and ESPN sports. (bp)
- NEW ZEALAND** Star, Dunedin. 1331 10/13. Poor, //657. (Hutton)
- UnID** 17400 10/15. Wild mix of weak audio various languages; jumble of several sets of pips at ToH mixing w/KMVI. (bp)
- 909 **JAPAN** 1300 10/13. Fair-poor pips and Japanese male mixing w/New Zealand 1440 National Anthem and music box IS at s/off. (bp)
- NEW ZEALAND** Star, Hawkes Bay-Napier. 1300 10/13. Fair-poor easy listening music //657. (bp)
+1300 10/13. A bit better than poor, //657. (Hutton)
- 918 **CHINA** Shandong, RGD. 1400 10/14. Pips TC, ID announcements. (bp)
+2018 10/14. Not quite fair with ID. (Hutton)
- JAPAN** JOEF, Yamagata, YBC. 1422 10/15. YBC ID over background music, good. (TR)
+1422 10/15. YBC ID's dominant. (bp)
+1459 10/15. 2 poor YBC IDs. (Hutton)
- 920 **ALASKA** KSRM, Soldotna. 1359 10/15. This is the One; KSRM Radio Kenai, ABC news on the hour. (TR)
+1359 10/15. Promo for various news programs ID ABC news. (bp)
- 927 **CHINA** 1400 10/14. Chinese woman weak. (bp)
- JAPAN** NHK1 synchros. 1400 10/13. Poor with NHK pips and ID. (Hutton)
- 930 **ALASKA** KTKN, Ketchikan. 1328 10/15. You're listening to KTKN's Michelle O'Brien, loud. (TR)
- 936 **JAPAN** NHK1 synchros. 1415 10/15. Poor with NHK1 theme music. (Hutton)
- 940 **HAWAII** KKNE, Waipahu, Oahu. 0530 10/15. All Traditional Hawaiian all the time AM 940. (TR)
+1405 10/15. Hawaiian music mixing with mainland stations local ad All Hawaiian All the Time AM 940 slogan. (bp)
- 945 **CHINA** CNR1, Jiaohu. 1406-07 10/15. Fair CNR1 program, someone underneath. (Hutton)
+1452 10/14. Woman and man in Chinese, fair to good. (TR)
- CHINA UnID** 1400 10/14. Slightly atop w/Chinese talk CNR1 weaker w/ID. (bp)
- JAPAN** NHK1 synchros. 1200 10/13. Poor with NHK pips. (Hutton)
+1100 10/14. Weak pips and bits of news //594 mixing w/CNR1. (bp)
- 954 **CHINA UnID** 1412 10/15. Odd semi-Chinese music under Japan. Likely Nei Menggu. (Hutton)
- JAPAN** JOKR, Tokyo, TBS. 1422 10/15. Several TBS IDs, better than fair. (Hutton)
+1447 10/15. Woman in Japanese with TBS ID, fair. (TR)
- 963 **CHINA** CRI Radio Kitaya, Huaduan. 1400 10/14. Chinese traditional music and CRI chimes at ToH, good. (TR)
+1400 10/14. Usual ToH stuff UnID (NHK?) in background. (bp)
- JAPAN** NHK1 synchros. 1400 10/13. Weak pips and male talk u/CRI. (bp)
+1410 10/15. Poor under China. (Hutton)
+1419 10/15. Konbanwa... (good evening) //594. (TR)
- 972 **REP KOREA** HLCA, Dangjin, KBS. 1400 10/14. Strong w/ID just before ToH pips next program UnID Chinese station w/late pips in background. (bp)
+1359 10/15. Frequencies and Hanminjok prior to time pips, excellent. (TR)
+1400 10/15. Hamminjok Bangsong ID strong. (bp)
- 981 **CHINA** CNR1. 1330 10/14. Fair to almost good. (Hutton)
+1400 10/14. Strong pips TC announcements ID. (bp)
- 990 **AUSTRALIA** 4RO, Rockhampton. 0959-1001 10/14. Aussie accented English, mention of Rockhampton and 10 o'clock news. (Hutton)
- CHINA UnID** 1400 10/14. Poor 5+1 pips. (Hutton)
+1400 10/15. Faint 5+1 pips mixing w/weak domestics. (bp)
- FIJI** Gold FM, Naulu. 0549 10/15. Ad in accented English, then good evening, it's 7 o'clock. Fair. (Hutton)
+0631 10/15. Here's another...Gold FM Sound Continues between songs, fair. (TR)
- HAWAII** KIKI, Honolulu. 0500 10/15. KIKI Honolulu at ToH (TR)
- JAPAN** JORK, Kochi, NHK1. 0800 and 1200 10/13. Poor NHK pips. (Hutton)
+1300 10/13. Weak time pips mixing with UnID domestic. (bp)
- 999 **CHINA** 1404 10/14. Male talk in Chinese o/UnID woman. (bp)
- JAPAN** JORK, Kochi, NHK1? 1400 10/13. Very poor time pips and little else. (bp)
+1415 1015. BHK theme music, poor. (Hutton)
- REP KOREA** HLCL, Gwangju. 1400 10/15. 3+1 pips slightly offset from NHK's then at 1405 woman in Korean //837 mixing w/Japanese woman also //837 (and 666/594). (bp)

- 1008 **AUSTRALIA** 4TAB, Brisbane. 0001 10/13. Poor with horse race. (Hutton)
+1200 10/14. One of the TAB stations w/horse race results fair-good. Also 1102 10/14. (bp)
CHINA CNR1, Kunming. 1412 10/15. Chinese talk and traditional music, fair. (TR)
CHINA CNR2. 1117 10/14. Fair woman in Chinese //855. (bp)
CHINA UnID 1420 10/15. Almost fair with Chinese, not CNR1 so who? (Hutton)
JAPAN JONR, Osaka. 0900 10/13. Poor ABC ID. (Hutton)
+1259 10/13. Fair ads in Japanese tone at ToH then woman talking and giggling. (bp)
+1431 10/15. Close to good level, way on. (Hutton)
- 1017 **CHINA** CRI, Changchun. 1400 10/14. Sign on w/the usual fanfare IDs in Korean and Chinese into news o/JOLB. (bp)
+1400 10/15. CRI interval signal/jingle ToH, fair. (TR)
JAPAN JOLB, Fukuoka, NHK2. 1440 10/13. Poor signoff w/National Anthem then music box. (bp)
+1309 10/15. Fair with NHK2 program. (Hutton)
PHILIPPINES UnID 1016-1032+ 10/14. Tagalog talk fair-poor by man possibly religious. (bp)
TONGA A3Z, Nuku'alofa. 0701 10/13. Solid, play by play sports match in Pacific language no ToH ID. (TR)
+1129 10/14. Good w/talk in island language by what sounded like elderly woman weak unid in background. (bp)
- 1020 **ALASKA** KVNT, Eagle River. 1400 10/15. KVNT 1020 AM by male briefly over many station IDs. (TR)
+1400 10/15. Fair with: this is KWYK translating on..... Can't find the KWYK calls listed. (Hutton)
- 1026 **AUSTRALIA** 4MK, Mackay. 1100 10/13. Poor or maybe almost fair with Saturday night classics on 4MK ID. (Hutton)
+1101 10/13. Saturday Night Classics on 4MK by male announcer. (TR)
+0957 10/14. Fair-poor Oldies promo for 20/20 Retro Countdown show ads 4MK ID 1000:30 more music. (bp)
- 1035 **CHINA** CNR1. 1329 10/14. Not quite fair. (Hutton)
JAPAN NHK2 synchros. 1440 10/13. Very poor weak National Anthem then music box IS o/UnID female talk (likely CNR1). (bp)
NEW ZEALAND Newstalk ZB, Wellington. 0903 10/15. Fair with ID. (Hutton)
+0930 10/15. English News read by male announcer, fair. (TR)
+1300 10/15. Fair Newstalk ZB News ID then news barely atop a jumbled channel. (bp)
REP KOREA HLCF, Pohang, KBS1. 1359 10/14. Woman w/announcement giving HLCF ID then 3+1 pips mixing w/CNR1 fair-poor. (bp)
+2018 10/14. Poor KBS ID. (Hutton)
- 1040 **HAWAII** KLHT, Honolulu. 0800 10/14. KLHT Honolulu at ToH. (TR)
- 1044 **AUSTRALIA** 5CS, Port Pirie. 1200 10/14. Presumed w/oldies, Never Rains in Southern California, etc. not //ABC. (TR)
+1159 10/14. Assumed the one. (Hutton)
CHINA CRI, Changzhou. 1400 10/15. Music and Chinese/Japanese IDs into news. (bp)
+1416 10/15. Japanese program with woman speaking. (TR)
PHILIPPINES DZNG, Naga City. 2018 10/15. Almost fair with Bombo Radyo ID. New! (Hutton)
REP KOREA HLCD, Jecheon, KBS1. 1403 10/15. Man in Korean //1062 good atop CRI. (bp)
- 1053 **CHINA** 1400 10/14. Pips and unintelligible ID atop freq. (bp)
DPK KOREA Haeju Pyongyang Bangsong. 1332 10/14. The likely source of opera but my notes don't mention a parallel. (Hutton)
JAPAN JOAR, Nagoya, CBC. 1300 10/13. Almost fair with CBC IDs. (Hutton)
+1300 10/13. Good CBC Radio ID rapid Japanese male talk. (bp)
+1515 10/15. Better than fair, 1459 CBC jingle and ID. (Hutton)
+1500 10/15. CBC jingle and spoken ID, ToH chime, good. (TR)
- 1062 **AUSTRALIA** 4TI, Thursday Island, ABC Far North. 1000 10/14. Theme music then news weak. Same thing 1300 10/15. (bp)
+1200 10/14. ABC fanfare at ToH, weak. (TR)
CHINA UnID 1300 10/15. Weak pips 1300:20 mixing with Aussie/Korea stations. (bp)
REP KOREA HLLKQ, Cheongju, KBS1. 1332 10/14. Better than fair with Korean talk. (Hutton)
+1332 10/14. Korean spoken over instrumental music, briefly good. (TR)
+1200 10/15. Fair 1359:40 announcement mentioning HLLKQ by woman 3+1 pips man with KBS Je-il ID then news. (bp)
- 1071 **AUSTRALIA** 4SB, Kingaroy. 0900 10/14. With ID This is 1071 4SB and into oldies pop, briefly fair. (TR)
+0900 10/14. Poor 1071 AM ID then pop music. (Hutton)
CHINA 1400 10/13. Weak 5+1 pips mixing with NHK pips. (bp)
JAPAN JOFK, Hiroshima. 1300 10/13. Poor with NHK pips. (Hutton)
+1300 10/14. Pips and man in Japanese good. (bp)
+1300 10/14. Poor NHK news. (Hutton)
+1400 10/15. Man reading news //594. (TR)
JAPAN JOWM, Obihiro. 1259 10/13. Woman in Japanese fair //1440. (bp)
+1300 10/14. Poor, parallel STV 1440. (Hutton)
- 1089 **CHINA** Liaoning, RGD. 0200 10/14. Almost fair with ID. (Hutton)
+1301 10/14. Chinese talk also heard many other times. (bp)
JAPAN JOHB, Sendai, NHK2. 1400 10/13. Poor with NHK pips. (Hutton)
+1404 10/13. Fair woman w/English news program mixing w/China 1440 signoff w/JOHK Sendai ID then National Anthem and music box. (bp)
+0407 10/15. Fair English lessons. 1436 almost good. (Hutton)
- 1098 **CHINA** CNR1. 1354 10/14. Fair classical music //981. Weak talk in background. (bp)
+1328 10/15. Fair with man //981, not sure who. (Hutton)
MARSHALL ISLANDS V7AB, Majuro. 1100 10/13. Fair-good music across ToH 1100 then joined BBC news 1106 island music 1130 off with National Anthem. (bp)
+1129 10/13. Loud, island music, brief Marshallese talk and Anthem at 1131. (TR)
+1301 11/13. Assumed the one, poor with BBC news. (Hutton)
+1030 10/14. Good Talk mostly in local language mentioned among other things Executive Order Number (Something) and President of the Republic of Marshall Islands with background music. Then repeated it in English but not good enough to understand but sounded patriotic (mentioned flag of the Republic of Marshall Islands). 1042 island and country music to 1133 s/off with National Anthem. (bp)
NEW ZEALAND Newstalk ZB, Christchurch. 1400 10/15. Fair Newstalk ZB News ID then news mixing with China. (bp)
- 1107 **REP KOREA** HLAV, Pohang, MBC. 1492 10/14. Not quite fair with talk in Korean. Could not hear MBC chimes at 1400. (Hutton)
- 1110 **HAWAII** KAOI, Kihei, Maui. 1000 10/14. 12 Midnight; KAOI Kihei 1110 AM, 96-7 and 96-5 west side. (TR)
+1359 10/14. Legal ID mixing w/KBND then network news. (bp)
- 1116 **AUSTRALIA** 4BC, Brisbane. 1000 10/14. Good Newstalk 4BC ID time pips Macquarie National News. (bp)
+1200 10/14. Brisbane's News Source... 4BC, fair. (TR)
CHINA UnID 1333 10/15. Fair and 1406 fair. (Hutton)
- 1125 **JAPAN** NHK2 synchros. 1440 10/13. Very poor weak National Anthem then music box IS. (bp)
+2018 10/13. Poor with NHK pips. (Hutton)
+1407 10/15. Fair – with English lessons. (Hutton)
NEW ZEALAND Radio Sport, Napier-Hastings. 0702 10/13. Poor, //1503. I was hoping for Vanuatu at this early hour before others faded in. (Hutton)
+0703 10/14. Poor talk //1503. (Hutton)
- 1134 **JAPAN** JOQR, Tokyo. 1405 10/13. Good man and woman conversing in Japanese. KBS in background with music and male. (bp)
+1437 10/15. Bunka Hoso ID and string of commercials, strong signal. (TR)
REP KOREA HLLK, Hwaseong, KBS3. 1300 10/14. Good 3+1 pips Korean male monologue w/JONR in background. (bp)
+1400 10/14. Not quite fair with call ID. (Hutton)
+1400 10/14. Completely on top of JOQR with HLLK call ID. (TR)
- 1143 **JAPAN** JOBR, Kyoto, KBS. 10/14. Fair talk o/Taiwan. (bp)

- +1436 10/15. Poor but clear KBS ID. (Hutton)
+1453 10/15. Rapid fire Japanese talk by excited man and woman. (TR)
REP KOREA Radio Free Korea, Near Seoul. 1317-1323 10/14. Dominant w/various talks and announcements R-F-A ID 1318. (bp)
+1400 10/14. Korean announcement with ID at ToH. (TR)
+1400 10/14. Fair Korean over Taiwan. (Hutton)
TAIWAN BEL3, Yuye Guangbo Diantai, Baisha. 0300 10/13. Poor with Yuye's theme music. (Hutton)
+1331 10/13. Poor with man and woman in Tagalog and English. (Hutton)
+1400 10/13. Fair-good weak talk with 3+1 pips and distinctive steel drum melody faded up to nice level 1401 w/woman in Chinese. (bp)
+1400 10/14. Fair in mix with Korea, //738 but no sign of 1593. (Hutton)
+1330 10/15. Woman speaking Chinese //738. (TR)
1152 **AUSTRALIA** 6PNN, Busselton (Western Australia). 1200 10/13. Very poor ABC fanfare. (Hutton)
+1500 10/15. This is BBC World Service at ToH and BBC News after chime. (TR)
+1500 10/15. Fair with BBC World Service ID. (Hutton)
CHINA 1200 10/14. Pips music etc. (bp)
JAPAN JORG/JOPC, Kochi/Kushiro, NHK2. 1300-1330-1400 10/13. Poor or a bit better //NHK2. (Hutton)
+1400 10/13. Fair pips and news 1440 National Anthem and music box IS at s/off. (bp)
+1411 10/15. Good //NHK2 net. (Hutton)
+1423 10/15. English lesson //774. (TR)
1161 **JAPAN** NHK1 synchros. 1415 10/15. Poor with NHK1 theme music. (Hutton)
REP KOREA HLKU, Busan. 1300 10/15. Poor MBC chimes. (Hutton)
+1403 10/15. Woman in Korean couldn't find a //. (bp)
TAIWAN BED89/BED86, Miaoli/Zhuangwe. 1400 10/13. Poor with BCC chimes. (Hutton)
1170 **REP KOREA** HLSR, Gimje, KBS World Radio. 1300 10/14. Good, on top. (Hutton)
+1300 10/14. 3+1 pips KBS World Radio ID start of Chinese program o/domestics. (bp)
+1300 10/14. Loud with KBS World Radio ID in English and Chinese. (TR)
1179 **CHINA UnID** 1323-1328 10/14. Fair, no ToH break at 1300, seems to be a radio play. (Hutton)
JAPAN JOOR, Osaka, MBS. 1300 10/13. Good pop song across ToH then group talking party-like atmosphere. (bp)
+1358 10/13. Fair with pop music and chat. (Hutton)
+1346 and 1408 10/15. Good with Japanese chat. (Hutton)
+1436 10/15. Good with man and woman back and forth in Japanese, commercials. (TR)
1188 **JAPAN** JOKP, Kitami, NNK1. 1400 10/13. Fair 3+1 pips then news. (bp)
+0900 10/14. Fair with NHK news. (Hutton)
1197 **JAPAN** JOWL, Asahikawa, STV (likely). 1432 10/15. Japanese talk by female and gong is struck //1440, poor. (TR)
1206 **CHINA** Yanbian, Yanji, RGD. And UnID 1300 10/14. Yanbian semi dominant in Korean mixing with Chinese station's 4+1 pips time check possible ID partly covered by Yanbian. 1300:25 woman said Hello welcome to Yanbian. (bp)
+1400 10/15. Man apparently reading schedule of languages and times, no pips. (TR)
1215 **CHINA** CNR2, Shentang. 1230 10/15. Traditional Chinese Opera without breaks, fair. (TR)
CHINA CNR7. 1300 10/15. Fair but dominant time pips and TC then ID Zhongyang Renmin Guangbo Diantai Huaxia zhi Sheng. (bp)
NEW ZEALAND Newstalk ZB, Kaikohe. 1338 10/15. English call-in guest discussing Australia and Syria. (TR)
1224 **JAPAN** JOJK, Kanizawa, NHK1. 1236 10/13. Poor male talk and singing //1503. (bp)
+1414 10/15. Poor NHK program. (Hutton)
+1444 10/15. Man with monologue in Japanese //594, briefly good. (TR)
1233 **AUSTRALIA** 2NC, Newcastle. 1000 10/14. Poor theme music then news weak. (bp)
1242 **JAPAN** JOLF, Tokyo. 1427 10/13. Good variety show several ads (I think). (bp)
+1400 10/15 distinctive electronic cuckoo clock time signal. (bp)
+1430 10/15. Start of All Night Nippon Music 10 with Ryoko Moriyama, good. (TR)
+1430-1437 10/15. Good solid signal. (Hutton)
1251 **CHINA** CNR1, Harbin. 1332 10/14. Fair with classical music //CNR1 981. (Hutton)
+1337 10/14. Classical music program strong //981 etc. (bp)
+1335 10/15. Almost fair with CNR1 program. (Hutton)
1260 **JAPAN** JOIR, Sendai, TBC. 1449 10/14. 2 women talking mixing w/UnID domestic. (bp)
+1439 10/15. Good and all alone with Japanese talk, Japanese-pop song. (TR)
1278 **JAPAN** JOFR, Fukuoka, RKB. 1330 10/13. Poor Japanese. (Hutton)
+1452 10/15. With woman announcer in Japanese, poor. (TR)
NEW ZEALAND Newstalk ZB, Napier-Hastings. 1101 10/13. Poor w/news //1296. (bp)
1287 **JAPAN** JOHR, Sapporo, HBC. 1359 10/14. Good, strong w/ads HBC jingle and ID tone at ToH then happy women opening the next program. (bp)
+1400 10/14. Commercial, musical HBC jingle, ID, ToH chime; loud. (TR)
1296 **JAPAN** JOTK, Matsue, NHK1. 1330 10/13. Poor with English lessons. (Hutton)
+1439 10/13. Fair woman in Japanese //1503. (bp)
+1417 10/15. Monologue by woman //594. (TR)
NEW ZEALAND Newstalk ZB, Hamilton. 1100 10/13. Fair with Newstalk ZB ID and news. (Hutton)
+1100 10/13. Fair Newstalk ZB ID then news. (bp)
TAIWAN BED47, BCC, Chigu. 1400 10/13. Poor BCC chimes. (Hutton)
1305 **CHINA** Jinan RGD, Wenyi Guangbo, Jinan. 1249 10/14. Fair ID. (Hutton)
+1300 10/14. Electronic Big Ben chimes just after ToH then time check and Jinan Wenyi Guangbo ID a bit murky but readable. (bp)
1314 **JAPAN** JOUF, Osaka. 1330 10/13. Poor Japanese chat. (Hutton)
+1300 10/14. Poor Japanese talk. (Hutton)
+1429 10/15. Ad for Japanese-pop music album, Radio Osaka ID by male. (TR)
+1428 10/15. Fair+ Radio Osaka ID. (Hutton)
1323 **CHINA** CRI, Radio Kitaya, Huadian. 1400 10/14. Excellent with traditional music, and IDs in Chinese and Russian after ToH. (TR)
+1400 10/14. Usual fanfare Radio Kitaya IDs then woman w/news in Russian o/UnID (CRI Korean?) (bp)
1330 **ALASKA** KXXJ, Juneau. 1301 10/15. The greatest hits of all time KXJ musical jingle. (TR)
1332 **JAPAN** JOSF, Nagoya. 1200 10/13. Poor Japanese talk. (Hutton)
+1453 10/14. Commercial, song: Nadeki no Hana (anime theme); good. (TR)
+1359 10/15. A couple announcements in Japanese then 2+1 time signal at ToH good. (bp)
+1406 almost good with disco, 1428 fair+ with All Night Disco: jingle and Tokai Hoso IDs, 1450 good jingle. (Hutton)
1341 **CHINA** Heilongjiang RGD. 1343 10/15. Poor with woman singing //900. (Hutton)
JAPAN NHK1 synchros. 1415 10/15. Poor with NHK1 theme music. (Hutton)
1350 **JAPAN** JOER, Hiroshima. 1302 10/14. Japanese male mixing with domestics. (bp)
1359 **CHINA** CNR1 synchros. 1448 10/14. Chinese talk fair //1377. (bp)
+10/14. Not quite fair with CNR1 program // the big guns. (Hutton)
JAPAN NHK2 synchros. 1300 10/13. Time pips and little else. (bp)
1368 **CHINA** 1400 10/14. UnID pop song woman talking (may have been a different station) 5+1 pips spaced 2 seconds apart then another song o/UnID Chinese talk. (bp)
+1423 10/14. Good-nil Chinese news items ads etc. 1433:30 something Guangbo ID which I haven't yet nailed down. (bp)
CHINA Jixi, JGD. 1401 10/14. Jixi Guanbo Diantai following instrumental music. (TR)
+1432 10/14. Several IDs poor-fair. (Hutton)

- JAPAN** NHK1 synchros. 1300 10/13. Time pips and little else same thing 1300 11/14. (bp)
UnID 1400 10/14. Slow 5+1 pips and classical music, not quite fair. (Hutton)
- 1377 **CHINA** CNR1, Xingyang. 1342 10/14. Poor with CNR1 program. (Hutton)
+1441 10/14. Man in Chinese briefly good. (bp)
- JAPAN** NHK2 synchros. 1430 10/15. Poor-fair with NHK English lessons. (Hutton)
- 1386 **JAPAN** JOQC, Morioka, NHK2. 1405 10/15. English lesson //774 good. (bp)
+1412 10/15. English lessons with Japanese comments about a visit to Kawagoe, good. (TR)
- REP KOREA** HLAM, Mokpo, MBC. 2400 10/14. Poor MBC chimes. (Hutton)
+1403 10/15. Fair Korean talk briefly atop NHK2 same woman as 1161. (bp)
- 1404 **JAPAN** JOQL, Kushiuro. 1331 10/13. Poor with man talking //1287. (Hutton)
- JAPAN** SBS synchros. 1446 10/15. Poor+ Japanese not //1287 so therefore SBS. (Hutton)
- 1413 **JAPAN** JOIF, Fukuoka. 1500 10/14. Fair 2+1 time pips woman w/KBC ID. (bp)
- 1422 **JAPAN** JORF, Yokohama. 1304 10/14. Good lively Japanese women talking. (bp)
+1430 10/15. Excited woman with Radio Nippon ID. (TR)
+1437 10/15. Fair to almost good with Japanese chat. (Hutton)
- 1440 **JAPAN** JOWF, Sapporo. 1442 10/14. Excited discussion between two women topping the domestics. (bp)
+2018 10/14. Fair STV ID on top of the channel. (Hutton)
+1432 10/15. Japanese talk by female and gong is struck //1197, good. (TR)
- KIRIBATI** T3K1, Radio Kiribati, Betio. 0958 10/14. Not quite fair with island music, 0830 better than fair and on top with island music. (Hutton)
+0758 10/15. Woman in Pacific language with underlying music, on top, fair. (TR)
+0758-0800 10/15. Woman in British accented English, possible ID. (Hutton)
- JAPAN** 1500 10/14. Tone and weak talk/music //1287. (bp)
- 1458 **NEW ZEALAND** Westport, Radio New Zealand. 1301 10/15. Poor but //675. (Hutton)
- UnID** 1425 10/13. Bits of talk 1415-1440 also music sounding more like old Japanese pops (atypical of China). (bp)
- 1467 **JAPAN** NHK2 synchros. 1440 10/13. Poor NA at signoff //everybody else then music box mixing w/male talk. (bp)
- REP KOREA** HLKN, Mokpo, KBS1. 1323 10/14. A few words of poor Korean //1062. (Hutton)
+1403 10/15. News in Korean //1062. (bp)
- 1476 **JAPAN** NHK2 synchros. 1417 10/14. Man and woman in Portuguese //774 poor-nil. (bp)
UnID 1425 10/14. Mostly nonstop pop music some talk after 1430 mixing w/music. (bp)
- 1485 **UnID** 1430-1500 10/14. At least three stations here measured on 1484.980 1485.013 1485.057. One was definitely in Chinese not sure of the others.
Mostly poor reception. Not strong enough to get IDable material. (bp)
- 1494 **JAPAN** JOYR, Okayama. 1423 10/13. Poor Japanese talk not //1287. (bp)
+1500 10/15. Man and woman open the next show, rapid fire Japanese. (TR)
- NEW ZEALAND** Star, Hamilton. 1400 10/13. Poor, //657. (Hutton)
- 1500 **HAWAII** KHKA, Honolulu. 0800 10/15. KHKA Honolulu at ToH, poor. (TR)
- 1503 **JAPAN** JOUK, Akita, NHK1. 1306 10/14. Good man //594. (bp)
+1430 10/15. Man speaking //594, fair. (TR)
- NEW ZEALAND** Radio Sport, Wellington. 1002 10/14. Fair relay of Fox Sports. 1218 fair Radio Sport ID NZ ads. (bp)
+1100 10/15. Fox Sports relay, Radio Sport ID ToH. (TR)
- 1512 **AUSTRALIA** 2RN, Newcastle, Radio National. 1347 10/15. Poor song //621. (Hutton)
- JAPAN** NHK2 synchros. 1419 10/14. Poor female talk //774 mixing w/UnID Chinese. (bp)
- 1521 **JAPAN** NHK2 synchros. 1422 10/15. English lesson very poor in 1520 splash but was able to recognize the voices //774. (bp)
- 1530 **CHINA UnID** 1440 10/15. Weak talk u/KFBK probably CHINA but hard to tell for sure. Managed to hear 3+1 pips at 1500:10 possibly a couple more pips were buried under KFBK audio. Zhejiang seems like the most probable candidate (810 pips were also 10 seconds late). (bp)
- 1540 **HAWAII** KREA, Honolulu. 1400 10/14. MBC chimes, KREA Honolulu 1540 on your AM dial. (TR)
- 1548 **AUSTRALIA** 4QD, Emerald. 1018 10/14. Good interview program to 1200 then news by woman. (bp)
+1100 10/15. ABC fanfare, ABC News by female announcer. (TR)
- 1566 **REP KOREA** HLAZ, Jeju, FEBC. 1345 10/14. Good woman w/signoff for Japanese program one minute pause for pattern change then trumpet flourishes and start of Chinese program. (bp)
+1500 10/15. Fanfare and man reading schedule in Chinese at ToH, very good. (TR)
- 1570 **HAWAII** KUAU, Haiku, Maui. 1000 10/13. Keep it tuned to KUAU Haiku, Maui 1570 AM. (TR)
+1400 10/15. Loud w/legal ID Maui's Own Christian Radio Station slogan then talk by a local pastor. (bp)
- 1575 **JAPAN** AFN. 1203 10/13. Football scores in American English. 1229 1229:40 woman with AFN Radio ID pop music. (bp)
- THAILAND** Ban Pachi, VoA. 1430 10/14. Fair Welcome to the Voice of America in Khmer then woman in Khmer. (bp)
+1429 10/15. With Yankee Doodle theme after announcement. (TR)
- 1584 **JAPAN** NHK1 synchros. 1334 10/15. Poor woman in Japanese //594. (bp)
- NEW ZEALAND** Radio Hauraki, Napier-Hastings. 1100 10/13. Presumed with continuous rock oldies, poor. (TR)
UnID 2018 10/13. Various times, 1684.040 offset with pop and light R&B. Thought Coast was back on frequency so maybe someone else? (Hutton)
- 1593 **CHINA** CNR1, Changzhou. 1425 10/14. Men in discussion in Chinese, briefly good. (TR)
+1248 10/15. Good fast talking Chinese woman. (bp)
- 1602 **JAPAN** NHK2 synchros. 1335 10/14. Poor, //NHK2 net. (Hutton)
+1434 10/14. Fair-poor music and male talk //774. (bp)
+1404 10/15. English lesson //774 good. (bp)
+1413 10/15. English lessons with Japanese comments about a visit to Kawagoe, fair. (TR)
- 1611 **PHILIPPINES** DWNX, Naga City. 1205 10/13. Fair-good Tagalog talk mentioning 91.1 DWNX FM 1226 91.1 FM mentioned. Good at times after 1230 with male monologue and occasional ads. 1305 another DWNX ID 1317 RMN and DWNX mentioned. (bp)

2018 Long Beach Island (LBI) DXpedition

The 2018 Long Beach Island (LBI) DXpedition was held from October 16–21 2018 in Beach Haven West NJ. DXing conditions were very good, as they should be as we near the solar minimum. This year featured several new countries heard – Lithuania, Nigeria, Qatar, Hungary, Svalbard, Estonia, St Pierre, Macedonia, Slovakia and Turkey. With all participants utilizing SDR's, preparing the final logging list will still not really be complete when published. As the result of extensive SDR file review during the past 2 months, the number of logs included is roughly double that contained in our preliminary report.

Antennas were 1) a 16'x36' flag aimed at 40 degrees, 2) another 16'x36' flag aimed at 180 degrees, 3) a 50'x22' Delta aimed at 270 degrees and 4) a rotatable Wellbrook loop. Trans-Atlantic propagation conditions were at their best on Tuesday night 10/16 and Saturday night 10/20, particularly around our local sunset.

Participants were **Brett Saylor** (W3SWL), **Russ Edmunds** (WB2BJH), **Mike Hunter** (W2MHZ), **Kris Field**, **Ralph Brandi**, **Chuck Rippel** (W8HU), **Dave Hochfelder** (N2HTA), **Steve Walko** (K3PHL) (Saturday only), and **Nick Langan** (W2NJL) (Saturday only).

Frequency **Country** Calls Slogan City State or Province Time (UTC) Date Details (domestics listed first on the same frequency – pb)

- 40.75 **PUERTO RICO** NAU, Aguada. 0457 10/17. US Navy data broadcast.
65.8 **FRANCE** FUE, Kerlouan. 0058 10/20. French Navy data broadcast.
77.5 **GERMANY** DCF77, Mainflingen, 0228 10/21. Time station.
171 **MOROCCO** Radio Mediterranee Int'l, Nador. 0114 10/17. Arabic talk by man.
183 **GERMANY** Europe 1, Felsberg. 0149 10/21. Talk by man in French, pop music.
189 **ICELAND** RUV RAS2, Gufuskalar. 0107 10/17. Segued instrumental music, no announcements.
UNITED KINGDOM BBC Radio 4 synchros. 0314 10/17. Man speaking in British English, music.
216 **FRANCE** RMC Info, Roumoules. 2201 10/16. French talk.
225 **POLAND** Polskie Radio Jedyńka, Solec Kujawski. 2316 10/16. Talk by man in presumed Polish.

234 **LUXEMBOURG** RTL, Beidweiler. 0120 10/17. Music, French announcements by man.

252 **ALGERIA** Radio Algerienne, Tipaza. 2320 10/16. Folsom Prison Blues by Johnny Cash //web.

289 **SPAIN** 351, Cabo Mayor. 0503 10/19. DGPS Beacon.

302 **PANAMA** 972, Miraflores. 1037 10/19. DGPS Beacon.

302.5 **SPAIN** 356, Tarifa. 0111 10/19. DGPS Beacon.

308 **AZORES** Horta. 0000 10/17. DGPS Beacon.

365 **EQUADOR** PAL, Palma. 0209 10/17. NDB.

369 **ANTIQUA** ZDX, Saint John. 0212 10/17. NDB.

376 **BAHAMAS** ZIN, Great Inagua-Matthew Town. 0300 10/21. NDB.

386 **SAINT PIERRE AND MIQUELON** SP, Saint Pierre. 0257 10/17. NDB.

391 **PUERTO RICO** DDP, San Juan. 0042 10/17. NDB.

415 **CAYMAN ISLANDS** CBC, Cayman Brac. 0301 10/17. NDB.

518 **BERMUDA** ZBR, Bermuda Harbor. 10/17. NAVTEX message.

CANARY ISLANDS EAL, Las Palmas. 10/17. NAVTEX message.

GERMANY DDH47, Pinneberg. 10/16. NAVTEX message.

GREENLAND XXX, Simiutaq, Cape Farewell. 0600 10/17. NAVTEX message.

IRELAND EJK, Valentia. 10/17. NAVTEX message.

PUERTO RICO NMR, San Juan. 10/18. NAVTEX message.

SPAIN EAR, Coruna. 10/17. NAVTEX message.

UNITED KINGDOM GCC, Cullercoats. 10/17. NAVTEX message.

UNITED KINGDOM GNI, Niton. 10/17. NAVTEX message.

530 **CUBA** CMBQ, Radio Enciclopedia, Villa Maria, LH. 0000 10/21. Soft instrumental music, Spanish announcer.

531 **ALGERIA** Jil FM, F'Kirina. 2205 10/17. Western pop music, //549.

SPAIN RNE5 synchros. 0300 10/20. 5+1 time pips //other RNE5 frequencies.

539.87 **NICARAGUA** YNA3OW, Radio Corporación, Managua. 1003 10/18. National anthem.

540 **HUNGARY** MR1, Kossuth Radio, Solt. 0253 10/21. Sign on w/test tone from 0253-0255, then a short multi-frequency tone (same as heard on a Hungarian DXer's Youtube video of Kossuth Radio). Under strong NYC station, so no other audio was discernible. Also heard 10/20 with 0253 sign on, and 10/17 and 10/18 with sign on at 0223 – these correspond to the published weekend and weekday summer sign on times.

SPAIN Onda Cero, Barcelona. 0300 10/17. 5 short, 1 long pip at 0300 then RNE5 sounder, clear under WLIE, CBT.

549 **ALGERIA** Jil FM, Sidi Hamadouche. 2300 10/20. 2+2+1 time pips at TOH //same on 531. 2+2+1 pips also heard at 0400 and 0500 on 10/21.

558 **SPAIN** RNE5 synchros. 2201 10/20. //747 sounder and news by a woman in Spanish.

567 **SPAIN** RNE5, Murcia. 0154 10/17. Spanish talk by woman //576.

570 **COLOMBIA** HJND, Radio Nacional de Colombia, Bogotá. 0600 10/17. Fast Latin music, "Radio Nacional de Colombia" ID by woman.

CUBA CMDC, Radio Reloj, Santa Clara. 0104 10/18. "RR".

576 **BULGARIA** BRN Horizont, Vidin. 2308 10/20. Talk by woman, then man in Bulgarian, likely news (language ID from RealDX).

SPAIN RNE5, Barcelona. 2258 10/18. Time pips @ 2300 time check, ID, servicios informativos.

585 **SPAIN** RNE1, Madrid. 2159 10/18. Spanish talk between man and woman, English clip mentioning "spirit of rebellion", piano music into TOH. Another station with music under.

590 **CUBA** CMBF, Radio Musical Nacional, La Julia. 0600 10/20. Classical music, announcements by man in Spanish.

DOMINICAN REPUBLIC HIDV/HIB24, Radio Santa Maria, Concepción de La Vega. 0900 10/18. ID, national anthem at sign on.

MÉXICO XEPH, Mexico City, DF. 0600 10/20. Call letters by female announcer in Spanish, under Cuba.

594 **SAUDI ARABIA** SBC Radio Riyadh, Duba. 0300 10/17. Arabic talk by man interspersed with short musical stingers, several mentions of "Arabya".

595 **MOROCCO** SNRT Al Idaa' Al-Watania, Oujda. 0041 10/20. Arabic talk weak, only one possible.

600 **CUBA** CMKV, Radio Rebelde, San German, HOL. 0105 10/18. Spanish talk, sounder.

603 **ROMANIA** Radio Actualitati, Batosani. 0300 10/17. 2 distinct sets of pips; no changes in carrier in 15 minutes prior so most likely the 2 50kw transmitters.

ROMANIA Radio Actualitati, Orodea. 0300 10/17. 2 distinct sets of pips; no changes in carrier in 15 minutes prior so most likely the 2 50kw transmitters.

SPAIN RNE5, Sevilla. 0059 10/18. Time pips @ 0100 time check, ID, servicios informativos.

612 **MOROCCO** SNRT Al Idaa' Al-Watania, Sebaâ-Aioun. 2251 10/16. Arabic singing //web; another station under a few minutes later.

SPAIN RNE1 synchros. 2300 10/16. Two sets of 5 short 1 long time pips overlaying.

SPAIN RNE5 synchros. 2159 10/18. Time pips @ 2200, time check, ID, servicios informativos.

621 **CUBA** CM--, Radio Progreso, Pinar del Río, PdR. 0106 10/18. Spanish talk, ID.

630 **PORTUGAL** Antena 1 synchros. 2223 10/20. With western jazz vocals – //720.

TUNESIA RTT Radio National, Tunis. 2211 10/20. Male/female vocal Arabic music.

639 **SPAIN** RNE1 synchros. 0059 10/19. Time pips @ 0100, time check, ID, servicios informativos.

6440 **CUBA** CM--, Radio Progreso, Guanabacoa. 0015 10/19. Spanish talk, many mentions of Cuba.

648p **SAUDI ARABIA** SBC Radio Riyadh, Jeddah. 0254 10/17. Middle Eastern music – only reasonable option at this time.

SPAIN UnID 2206 10/19. Woman's voice in slop from 640 and 660. Believe to be Spain similar to audio on 621 in same time period. RNE?

650 **COLOMBIA** HJKH, Antena 2, Bogotá. 0500 10/19. RCN jingle under Progreso and WSM.

657 **SPAIN** RNE5, Madrid. 0155 10/21. //1107 with Spanish talk by a man.

670 **CUBA** CM--, Radio Progreso synchros. 2359 10/16. ID.

675p **QATAR** QMC Radio Qatar. 2252 10/20. Middle Eastern music, talk by woman in Arabic.

680 **COLOMBIA** HJZO, Radio Nacional, Barranquilla. 0457 10/20. "Radio Nacional... de Colombia" ID by woman then a marimba riff //570.

PUERTO RICO WAPA, San Juan. 2201 10/18. New w/mention of Puerto Rico, "La Poderosa" slogan and list of all the stations in the WAPA network.

684 **SPAIN** RNE1, Dos Hermanas. 2158 10/17. Music, time pips, ID, news.

690 **COLOMBIA** HJ CZ, W Radio, Bogotá. 0301 10/19. "W Radio, Colombia" ID and disco music promo.

CUBA CM--, Radio Progreso, unknown location. 0129 10/20. Spanish ID chimes Habana.

MÉXICO XEN, Mexico City, DF. 0600 10/20. "X-E-N, AM" ID under Radio Progreso.

693 **UNITED KINGDOM** BBC 5 Live synchros. 0259 10/18. ID "This is BBC 5 Live", into BBC news.

SPAIN RNE1 synchros. 2301 10/18. //684.

702p **ALGERIA** Radio Coran, Laghouat. 0156 10/17. Arabic talk by woman, 5 short TOH pips //252 Algeria. Heard at 2240 w/popular Arabic singing.

IRAN IRIB World Service, Kiashahr. 0000 10/21. Man speaking in Farsi – Per Mauno Ritola on RealDX this outlet has variable s/on hours.

710 **CUBA** CM--, Radio Rebelde synchros. 0006 10/19. Spanish talk, ID.

CUBA CM--, Radio Rebelde synchros. 0006 10/19. 2nd station, echo of prior.

720 **CANARY ISLANDS** RNE5, Tenerife. 2200 10/18. TOH 5+1 time pips //other RNE5 stations.

PORTUGAL Antena 1 synchros. 2200 10/16. 4 long +1 short time pip as heard on their web. Also heard 10/18.

729 **SPAIN** RNE1 synchros. 0059 10/18. Time pips @ 0100 time check, ID, servicios informativos.

730 **COLOMBIA** HJCU, Melodía Stereo, Bogotá. 0600 10/20. Signature ascending-notes chimes several times, under a domestic station playing hard rock.

MÉXICO XEX, Mexico City, DF. 1100 10/18. "W Deportes" ID.

738 **SPAIN** RNE1, Barcelona. 2300 10/20. Time pips @ 2300 time check, ID, servicios informativos.

740 **CUBA** CM--, Radio Angulo, Sagua de Tánamo, HOL. 0400 10/19. Angulo jingle, ID, Cuban national anthem.

747 **CANARY ISLANDS/SPAIN** RNE5 synchros. 0000 10/18. Time pips @ 0000 time check, ID, servicios informativos.

750 **ARGENTINA** LRA7, Radio Nacional, Córdoba. 0500 10/19. Teletype sound FX, piano interlude, "Nacional... la radio" ID same as on web, 5+1 time pips.

VENEZUELA YVKS, RCR Radio Caracas Radio, Caracas. 0400 10/19. RCR Deportes ID, Venezuelan national anthem, over Radio Progreso Cuba ID and anthem.

756 **IRAN** Radio Chahar Malal, Shahr-e Kord. 0045 10/21. Man speaking in Farsi.

p **ROMANIA** SRR Radio România Actualit', Lugoj. 0300 10/17. 6 short time pips //603, 855, 1179, 1593.

760 **COLOMBIA** HJAJ, RCN, Barranquilla. 0340 10/17. Talk in Spanish, RCN jingles and IDs under WJR.

- 770 **COLOMBIA** HJJX, RCN Radio, Bogotá. 0238 10/19. "R-C-N Radio" ID, mentions of Colombia //760; Radio Artemisa and Rebelde co-channel.
CUBA CM--, Radio Rebelde, Las Tunas, LT. 0211 10/17. Spanish talk //600, 670.
CUBA CM--, Radio Artemisa, unknown location. 0400 10/19. Artemisa jingle, Cuban national anthem; under Rebelde.
- 774 **EGYPT** ERTU, Abis. 0256 10/17. Presumed with Koranic recitations.
SPAIN RNE1 synchros. 2201 10/20. //747 sounder and news by a woman in Spanish.
UnID 0115 10/20. Sounded like a play with dialog and some music. Language unknown.
- 783 **SPAIN** COPE, Miramar. 0300 10/17. 5+1 time pips.
SYRIA SRTV 1 Dimashk, Tartus. 2217 10/17. Arabic talk with many mentions of Syria; later //web.
- 790 **CUBA** CMAQ, Radio Reloj, Pinar del Rio, PdR. 0300 10/17. "RR".
SPAIN SER, Sevilla. 2200 10/20. News talk by two men, //1044.
- 800 **BONAIRE** PJB, TWR, Kralendijk. 0130 10/18. Spanish religious music, "Radio Trans-mundial" ID then Spanish religious program.
801 **SPAIN** RNE synchros. 2200 10/18. 5+1 time pips //other RNE's.
810 **COLOMBIA** HJCY, CARACOL, Bogotá. 0007 10/19. Spanish talk by men, multiple mentions of Colombia.
MACEDONIA Makedonsko Radio, Ovce Pole. 2204 10/18. Probable with vocal and flute music over/under WGY, which several RealDX members believe is Macedonian. Subsequent research seems to confirm this.
SCOTLAND BBC Scotland, multiple. 2251 10/19. Scottish-accented woman announcing the previous song, bubbled up under WGY. At TOH BBC news read by woman over WGY.
- 819p **EGYPT** ERTU Al-Barnameg al-Aam, Batrah. 2358 10/19. Arabic music, talk in Arabic @ 2359, more music.
SPAIN Radio Inter, Madrid. 2234 10/16. Spanish talk, music
- 820 **CUBA** CM--, Radio Reloj, Ciego de Avila. 0140 10/21. RR. Over sports Old Dominion vs Western KY football.
828 **SPAIN** Hit FM, Barcelona. 2303 10/16. Spanish talk, music, nothing else in Spanish on channel.
837 **SPAIN** COPE, Sevilla. 2157 10/17. Commercials for businesses in Sevilla, ID "COPE Sevilla" @ 2201.
840 **HAITI** 4VEH, Cap-Haitien. 0300 10/19. "Dashing Through The Snow" interval signal, into light church music.
UnID 0559 10/20. Station playing disco oldies and some tropical music under WHAS.
- 846p **IRELAND** Radio North, Redcastle. 2257 10/20. English "Happy Birthday" song, laughing by the on-air announcers.
UnID 2323 10/16. Rapid, non-English non-Arabic talk by a woman.
- 855 **SPAIN** RNE1 synchros. 2125 10/17. Man and woman talking, time pips @ 2130, ID, promo for sports program, stinger.
860 **COLOMBIA** HJNJ, W Radio, Valledupar. 0336 10/19. Rapid-fire sports play by play, several mentions of Colombia by announcer similar to other Colombian sports, long "gooooaaaaaalllll!"
CUBA CMBD, Radio Reloj, Bolondron. 0559 10/20. "RR" under CJBC French.
- 864 **EGYPT** ERTU Al Quran Al Karim, Santah. 2304 10/16. Koranic recitation //1503.
SPAIN RNE1, Socuéllamos. 2200 10/18. 5+1 time pips //other RNE's - 5 kW.
- 870 **CUBA** CMTD, Radio Reloj, Sancti Spiritus, SS. 0009 10/19. "RR".
882 **WALES** BBC Wales synchros. 0028 10/18. ID @ 0028 "You're listening to BBC World Service".
909p **ROMANIA** SRR Radio Cluj. 0255 10/17. 1000 Hz warm-up tones //1593.
SPAIN RNE5, Palma de Mallorca. 2310 10/16. Spanish talk, music //747, 936.
UNITED KINGDOM BBC 5 Live synchros. 0103 10/18. Sports promo, ID @ 0105.
- 917 **NIGERIA** Radio Gotel Yola, Jabura. 2348 10/18. Instrumental/vocal music, talk by a man, in briefly.
920 **CUBA** CM--, Radio Reloj, unknown location. 0300 10/17. "RR".
936 **MOROCCO** SNRT Al Idaâ Al Amazighia, Agadir. 2309 10/19. Sounded like Ride of the Valkyrie music, //web.
SPAIN RNE5 synchros. 2311 10/16. Spanish talk, music //909, 747.
SYRIA SRTV1, Homs. 0246 10/17. Arabic music //783.
UnID 2212 10/20. Koranic, woman speaking, music.
- 940 **MEXICO** XEQ, Mexico City, DF. 1100 10/18. La K Buena XEQ ID, national anthem.
945 **IRAN** Radio Kordestan, Dehghan. 2245 10/18. Kurdish music so likely this per RealDX.
ROMANIA Radio Romania Actualitati, Miurcurea Ciuc. 2359 10/20. Music, "Hora Exacta", time pips, ID, //much louder 1179.
- 954 **SPAIN** Onda Cero, Madrid. 2306 10/16. Spanish talk by a man //web.
TURKEY TRT 1 Radyo Bir, Trabzon-Deliktas. 0300 10/21. News, ID, music, //web.
- 963p **TUNISIA** Radio Tunis, Tunis. 2236 10/16. French-sounding music and talk, presumed this.
UnID 2225 10/16. Brief snippet of rock beat music, possibly in English.
- 972p **SPAIN** RNE1 synchros. 0252 10/17. Presumed this is 5 or 6 kW outlet.
981 **ALGERIA** Chaîne 2, Ouled Fayet. 2155 10/20. North African music, //Tune In.
990 **SPAIN** SER, Bilbao. 0300 10/17. Time pips - 5 short 1 long clearly under CBY.
999 **SPAIN** COPE, Madrid. 0000 10/18. Time pips @ 0000, into news, //837.
- 1000 **MEXICO** XEOY, Mexico City, DF. 1100 10/18. National anthem, Radio Mil singing ID.
UnID 0200 10/17. 5 long pips, at lower pitch than the more usual 1 kHz.
- 1017 **SPAIN** RNE5 synchros. 0026 10/19. Spanish talk.
1026 **SPAIN** SER synchros. 2226 10/16. //1179 w/Spanish talk by a man; another station mixing w/talk by man in UnID language.
1035 **ESTONIA** Eli Radio, Tartu. 2207 10/18. Western instrumental music probably this per RealDX.
- 1039.62 **VENEZUELA** YVLB, Valencia. 0403 10/20. Known offset for this station; peak of audio w/Spanish singing by a woman, equal to Cuba/domestic stations.
1040 **CUBA** CM--, Radio Mayabeque, Guines, MBQ. 0757 10/18. ID by man, Mayabeque signature tune, mixing with WURN-FL Spanish man and woman talking, and WHO-IA.
- 1044 **SPAIN** SER synchros. 2200 10/20. Talk between two men in Spanish, talked through TOH 5+1 time pips. No ID but mentions "Barcelona" //1116.
1050 **CUBA** CMAP, Radio Guama, Santa Lucia, PdR. 0009 10/19. Spanish talk by man //1070.
MEXICO XEG, Monterrey, NL. 1100 10/17. National anthem, La ranchera slogan.
- 1053 **ROMANIA** Radio Iasi, Iasi. 0252 10/17. S/on with 1 kHz tone, anthem.
SPAIN COPE synchros. 0100 10/17. 5+1 time pips //1143 (double pips due to 2 transmitters), 1134, 837, 1269.
UNITED KINGDOM TalkSport synchros. 2159 10/18. Commercials, including one for new boilers, sports news //1089.
- 1062p **IRAN** IRIB Radio Kerman, Kerman. 2248 10/20. Presumed with Middle Eastern music, pres Farsi talk by a woman.
TURKEY TRT 6 Radyo Sese, Diyarbakir. 0315 10/17. Nonstop Middle Eastern music without announcements at TOH or BOH, ID w/help from Mauno Ritola @ RealDX.
- 1070 **CUBA** CMAM, Radio Guama, Guane, PdR. 0009 10/19. Spanish talk by man //1050.
1071 **UnID** 0124 10/20. Middle Eastern music.
- 1089 **UNITED KINGDOM** TalkSport synchros. 2159 10/17. Commercials, ID @ 2201.
1098p **SLOVAKIA** Sro 3 Radio Devin, Nitra. 0002 10/21. Presumed with classical or church choir music, matching website program guide for that time.
SPAIN RNE5 synchros. 2300 10/20. Time pips @ 2300 time check, ID, servicios informativos.
- 1107 **SPAIN** RNE5 synchros. 0300 10/20. 5+1 time pips //other RNE5 frequencies.
1116 **SPAIN** SER synchros. 2200 10/18. 5+1 pips, talk between two men in Spanish //SER 1044 outlet.
1120 **PUERTO RICO** WMSW, Hatillo. 2200 10/18. ID.
1125 **BELGIUM** RTVF VivaCite, Houdeng. 2224 10/20. Presumed with light pop music, not //RNE5.
IRAN Radio Qazvin, Qazvin. 0120 10/21. Koranic recitation behind Spain, Belgium.
SPAIN RNE5 synchros. 0300 10/20. 5+1 time pips //other RNE5 frequencies.
- 1134 **KUWAIT** Radio Kuwait, Kabd/Sulabiyah. 0240 10/21. Koran, //web.
SPAIN COPE synchros. 0122 10/17. Spanish talk, music //837, 783.
- 1140 **CUBA** CM--, Radio Rebelde. 0300 10/17. Dominant Cuban had Radio Musical program, Rebelde was way under.
CUBA CM--, Radio Musical. 0300 10/17. Dominant Cuban had Radio Musical program, Rebelde was way under.
1143 **SPAIN** COPE synchros. 0020 10/17. Two men talking in Spanish //web - 5 kW.

- 1150 **CUBA** CM--, Radio Bayamo, Bueycito. 0350 10/17. Sounded like music from "Love Story", Radio Bayamo chimes.
- 1152 **ROMANIA** SRR Radio România Actualitati, Cluj. 0200 10/18. "Hora exacta" by a man, choral music, 6 short pips into pres news by a man.
- SPAIN** RNE5 synchros. 0300 10/20. Two sets of 5+1 time pips (about .25 sec apart) //other RNE5 frequencies.
- 1170 **UNITED ARAB EMIRATES** Sawt Al-Joumhouria, Al-Dhabbaya. 2228 10/16. Middle Eastern music, then Arabic talk by man and clear ID by woman as "Idha'at Sawt Al-Joumhouria" completely over WWVA.
- 1179 **CANARY ISLANDS/SPAIN** SER synchros. 0059 10/18. Time pips @ 0100, ID, into news, //1044.
- ROMANIA** SRR Radio România Actualit'i, Bacau. 0300 10/17. Music, "Radio Romania... hora exacta..." 6 short pips, "hora shata?" then talk (presumed news) by man.
- 1180 **CUBA** CM--, Radio Rebelde synchros, LH. 0300 10/17. Rebelde sounder.
- 1188 **IRAN** Radio Payam, Tehran. 2259 10/17. Payam stinger, matches http://www.intervalsignals.net/Files/irn-viri_payam_301014.m3u.
- UnID** 2337 10/16. Koran.
- 1197 **IRAN** IRIB Radio Ardabil, Moghan. 2224 10/20. Music, ID @ 2225.
- ROMANIA** SRR Radio, Brasov. 2251 10/20. Two woman talking; language was confirmed as Romanian.
- 1215 **SPAIN** COPE synchros. 0100 10/17. 5+1 time pips //1143.
- UNITED KINGDOM** Absolute Radio synchros. 0035 10/19. Armchair levels with announcements by woman, pop music.
- 1224 **SPAIN** COPE synchros. 2232 10/20. //1143, others.
- 1251p **HUNGARY** Danko Radio synchros. 0248 10/17. Carrier observed signing on at 0221, snippets of music including folk music at 0248.
- 1269 **SPAIN** COPE synchros. 0100 10/17. 5+1 time pips //1143.
- 1278 **IRAN** IRIB – Kermanshah, Kermanshah. 2230 10/16. Anthem followed by music and talk by female.
- 1290.3 **BRAZIL** ZYH888, Radio Timbira do Maranhao, San Luis. 0146 10/17. Presumed as Portuguese hrd; ZYH88 has been reported here off-frequency.
- 1296 **SPAIN** COPE, Valencia. 0259 10/18. Talk by man, time pips, theme music //837.
- UNITED KINGDOM** Radio XL, Birmingham. 0100 10/17. "...this is Radio XL" ID by man.
- 1305 **SPAIN** RNE5 synchros. 2259 10/19. Time pips @ 2300 time check, ID, servicios informativos.
- UnID** 0159 10/20. European sounding male announcer; language UnID; weak signal.
- 1314 **ROMANIA** Radio Antena Satorol, Constanta/Timsaora. 0155 10/21. Usual pre-s/on warmup tone but not much else 2 potential s/ons at this time on this channel.
- SPAIN** RNE5 synchros. 0059 10/18. Time pips @ 0100 time check, ID, servicios informativos.
- UnID** 0203 10/20. Man talking; unknown language not Arabic.
- 1386 **LITHUANIA** Radio Baltic Waves Int'l, Viešintos. 2346 10/16. RS talk by a man, ID as "Radio Svoboda" (Radio Liberty) confirmed by RealDX member Dmitry Mezin.
- 1404p **ROMANIA** SRR Radio, Cluj. 0255 10/17. 1000 Hz test tones //1593.
- 1413 **MOLDOVA** Vesti FM, Grigoropol. 2225 10/20. Strong, overtaking RNE5 with talk in Russian and later ID.
- SPAIN** RNE5 synchros. 2200 10/18. TOH 5+1 time pips //other RNE5 stations.
- 1422p **ALGERIA** Radio Culture, Ouled Fayet. 2159 10/18. 5 short 1000 Hz pips then a 2500 kHz pip not //252 Chaine 3 program.
- ROMANIA** SRR Radio România Actualitati, Râmnicu Vâlcea. 2300 10/20. Music, "Hora Exacta", time pips, ID, //much louder 1179.
- 1431 **DJIBOUTI** Radio Sawa, Arta. 0026 10/20. Music, //Tune In stream for Radio Sawa Gulf.
- 1458 **ROMANIA** Radio Actualitati, Constanta. 0157 10/21. National anthem //others.
- p **UNITED KINGDOM** Lyca Radio, Brookman's Park. 2218 10/18. With pop-sounding music, British accented announcer, London ad.
- 1467 **FRANCE** TWR, Roumoules. 2219 10/18. TWR talk in French.
- 1467.36 **IRAN** IRIB Radio Qom, Qom. 0116 10/20. Middle Eastern music; this reported off-frequency here.
- 1503 **EGYPT** ERTU Al-Quran al-Karim, El-Arish. 2339 10/16. Koran //web, later heard //864.
- SPAIN** RNE5 synchros. 0100 10/20. Time pips @ 0100, time check, ID, servicios informativos, mixing with Egypt.
- 1512p **SAUDI ARABIA** SBC Al-Quran al-Karim, Jeddah. 2358 10/16. Koran.
- 1521 **SAUDI ARABIA** SBC Radio Riyadh, Duba. 2201 10/18. ID "Idha'at ar-Riyadh" @ 2201, instrumental music.
- 1530 **MÉXICO** XEUR, México, DF. 1100 10/18. Presumed w/national anthem under WCKY.
- ROMANIA** SRR Radio România Actualitati, R'd'u'i. 2359 10/20. Music, "Hora Exacta", time pips, ID, //much louder 1179; no sign of domestic stations.
- WCKY off until 0022, leaving the channel open.
- SAO TOME** VOA, Pinheira. 2158 10/18. Music from program right before signoff announcement //to what Mark Connelly heard at the same time.
- 1539 **SPAIN** SER synchros. 2300 10/18. Time pips on TOH.
- UNITED ARAB EMIRATES** Asianet Radio, Al-Dhabbaya. 0210 10/21. Indian film music, //http://asianetradio.me/website39/asianet-new1.html.
- 1540 **BAHAMAS** ZNS, Nassau. 0900 10/17. Religious music.
- 1548 **KUWAIT** Radio Sawa, Al-Kuwayt. 2258 10/20. Koranic recitation.
- 1550.025 **ALGERIA** National Radio of the Sahrawi Arab Democratic Republic, Rabouni. 2228 10/18. Brief talk in Arabic by man incl mention of "Arabya" – during this time period other TA's were in on domestic channels (720, 810, 1170, 1530).
- 1566 **BENIN** TWR Africa, Parakou. 2202 10/18. French religious talk, also native African music.
- 1570 **MÉXICO** XERF, Ciudad Acuña, Chih. 0405 10/17. La Poderosa ID, national anthem at 0500.
- 1575 **SPAIN** SER synchros. 2154 10/20. Spanish conversation.
- UNITED ARAB EMIRATES** Radio Farda, Al-Dhabbaya. 0149 10/20. //web and strong.
- 1584 **CEUTA** Radiole', Ceuta. 2230 10/19. Folk-style vocal music //web site.
- SPAIN** SER synchros. 2201 10/20. //1179 w/Spanish talk by a man, another station under
- SPAIN** or **CEUTA** **UnID** 2300 10/18. 5+1 Time pips on TOH.
- 1593 **ROMANIA** SRR Radio România Actualitati, Ion Corvin. 0155 10/17. Romanian choral anthem – per Mauno Ritola on RealDX this is standard at this time.
- ROMANIA** Radio Cluj, Oradea. 0247 10/17. S/on with 1 kHz tone, anthem.
- ROMANIA** Radio Cluj, Sibiu. 0247 10/17. S/on with 1 kHz tone, anthem – 2nd carrier w/tone at same time.
- UnID** 2230 10/18. Middle eastern or eastern European song into Jackie Wilson's "Higher and Higher" – Romania or France?
- 1602 **SPAIN** SER synchros. 0000 10/18. Time pips @ 0000, into news, //1044.
- 1620 **CUBA** CM--, Radio Rebelde synchros. 0000 10/17. Rebelde sounder.
- 1713 **NORWAY** LGV, Vardo Radio, Vardo. 2305 10/18. Weather read by man in English, USB.
- 1722 **SVALBARD** LJB, Bodo Radio, Bjorneya. 2304 10/18. Weather read by man in English, USB.
- 1728 **NORWAY** LGN, Rogaland Radio, Marøy. 0234 10/17. ID as "Norwegian Coastal Radio South" by man in English w/Norwegian accent, weather forecasts in English, USB.
- 1731 **SVALBARD** LGS, Bodø Radio, Kapp Linne. 2303 10/16. Weather forecasts by a woman in English, started with "All stations, all stations...", USB.
- 1734 **DENMARK** OXZ, Lyngby Radio, Blåvand. 2139 10/16. Weather forecasts by woman and man in pres English, USB.
- 1746 **IRELAND** EJK, Valentia Coastguard Radio, Valentia. 0233 10/16. Weather read by man in English, USB.
- 1752 **IRELAND** EJK, Valentia Coastguard Radio, Valentia. 2236 10/16. Weather forecasts by man in English, USB.
- 1758 **DENMARK** OXZ, Lyngby Radio, Frederikshavn. 2140 10/16. Weather forecasts by man in English, USB.
- 1782 **NORWAY** LGL, Floro Radio, Orlandet. 2315 10/16. Weather read by a man in English, USB.
- 1785 **NORWAY** LGZ, Rogaland Radio, Farsund. 2317 10/20. Weather read by a man in English, USB.

Latest DXpedition from Masset BC 27 December 2018 to 2 January 2019

Well, another DXpedition under the belt to my favourite DX cottage off the north coast of British Columbia, Canada. Conditions for the most part were very good, although I think I just caught the tail end of the superb TA conditions. If only I could have been up in Masset a day or two sooner! Asian conditions were, as always, very nice with excellent openings to Japan, Korea and China. Plus, some interesting Filipinos, especially a new one for me on 1611, a smattering of Australia including armchair 4KZ 531 Innisfail, and Bangladesh was back one morning with 693 until 1730 sign-off. This time of the year, the DX keeps on coming, with the TPs carrying on until the afternoon hours, locally. The Iranian buzzer on 1575 heard frequently in Victoria was a daily visitor, both in our mornings, and into the afternoons/early evenings, as was 1539 Asianet via the UAE. I've collected many GB of **Perseus** wav files to enjoy for years to come. There was plenty of time to experiment with antennas. I had a total of 5 to choose from: The best, as always, is my 750' WNW BoG. Then, the 2nd most used was the 500' due north over the Pole Beverage. My permanent ALA 100LN large diameter loop oriented NE/SW is a good reference antenna. I erected a permanent 65' x 35' FLG 100 corner

fed loop antenna this time around, and swung the direction to the S overnight and to the north in the evenings with results perhaps about 75% as good as the Beverage/BoG. Finally, I toyed with a staggered //BoG and a phaser with occasional useful results. Not sure whether it was worth the effort, though! Besides the DX, there was always time for good food (thanks to my wife's family in Masset... fish, deer roast, pies, chili... yum!), and exercise with golf and the polar bear swim on New Year's Day. And, of course the famous Wullenweber array at the Canadian Forces Station in Masset is the location of the pretty 9 hole golf course, giving superb views of the array from every angle! The latter is still functional, although remotely now via Ottawa ON. I've been told that the usage has increased owing to the antics of Vladimir Putin!

Now onto the really good stuff! Receivers were 2 Perseus SDRs only, each fed to its own laptop. Errors, as always, are my own, and I appreciate comments and corrections. Sometimes one gets a little bleary eyed in the early morning or late nights! 73 and the best of 2019 to all, **Walt Salmaniw**, Victoria.

- 153 **NORWAY** NRK, Ingoy, 100 kW. 0057 1/1 – Good reception tonight with all western music. Joined by both Icelandic frequencies at good levels (189 and 207), as well as 162 (OC), 198 BBC, 234 Luxembourg and 252 RTE. Into news at 0100, clearly Norwegian. Probably the best LW propagation I've heard on this trip, but not translating to anything in the MW band.
- t **ROMANIA** Brasov Bod 200 kW ND Antena Satelor vs more likely NRK Norway. 1431 12/29 – Something totally unexpected, but weak audio heard on the over the Pole Beverage. Makes sense as the Grayline for transmitter LSS is over Romania now. Too weak to make out any content, though. Improved and just about readable at 1500. Will be interesting whether other LW from Europe will be audible as sunset goes across Western Europe! Much better on recheck at 1559 with an English song. No time pips at TOH, but into presumed news, first by a woman, and then man. Still no other LW audible this morning. Later in our local evening (0057 12/30), reception again at fair to good level. ***Now I'm confused. This might in fact be NRK according to MW List with 100 kW in Ingoy. I had thought they had left the air on LW and MW long ago??? So could very well be Norway and not Romania?? Grayline passed through Norway at the same time. Have to admit, the intonation sounds more Norwegian than Romanian. At same time (0100 12/30), besides 189, I'm also hearing 252 weakly (sounding more English than Arabic), but no one else from Europe on LW.
- 189 **ICELAND** Gufuskalar 300 kW Rikisutvarpid Ras. 0548 12/29 – Compared to last night, tonight is practically a write-off, except for Iceland. Yesterday, the LW band was extremely noisy, but with the steady drizzle today, the presumed salt spray build up on the power lines have washed away, leaving Iceland to be heard at good level. // rarely heard 207 also quite strong (but in the middle of beacons). Going out for dinner, I left the recorder going and a very interesting thing happened. The signal died away, but at 0437, it suddenly increased in strength to near armchair level. Next day at 0055 12/30, again very nice reception on the North Beverage (with added 5 ground radials for what they're worth!).
- 207 **ICELAND** Gufuskalar 100 kW Rikisutvarpid Ras. 0551 12/29 – Rarely heard, indeed, and almost as strong as 198. Surrounded, though, by strong beacons make this one a challenge.
- 531 **ALGERIA** Jil FM, F'Kirina, 600/300 kW. 0137 12/28 – Often outstanding reception with Arabic music. 549 is a difficult channel here to check for //. Lower frequencies have a bit of power line noise here in Masset.
- t **AUSTRALIA** 6DL, Dalwallinu, W Australia, 10 kW, ABC Midwest and Wheatbelt. 1500 12/30 – While listening to this channel before the TOH, I could hear some English being spoken under the dominant NHK 1 program. At 1500, there was the ABC Fanfare, so does this mean that it must be 6DL? Occasionally rises over NHK briefly.
- AUSTRALIA** 4KZ, Innisfail, Queensland, 5 kW. 1558 12/30 – Commercial ads now in English and no sign of NHK1. Ads for tackle and bait, and motorcycles and more. No ABC fanfare at TOH this hour, so not ABC. Time pips likely NHK1's. Very good level by 1603 with news by woman. 'Live on the internet, 4KZ.AU' at 1603:30. Perfect! I had thought of checking //5055 and a minute ago, I did so, and though weak on the SW frequency, still same female voice. Marine weather after 1604. TC for '5 after 3'.
- UnID** 1434 1/2 – Who's the EZL music station heard co-channel to JOQG Morioka, the dominant channel here? Confirmed not 4KZ and style doesn't match Avtoradio Sakhalin (if they're still on the air). NHK sometimes fades down to reveal others co-channel. I happened to tune back just after 1602 and there was a national anthem in progress. Possibly a Filipino? Will need to go back and go over the Perseus wav file.
- 540 **JAPAN** Yamagata 5 kW + others, NHK1. 1751 12/31 – It's all NHK 1 all the time, on every channel! Japanese opera like singing, heard on 531, 540, 549, 567, 576, 585, 594, 603 (under Korea), and 612, and that's just on the lower channels! On 540, there are 6 transmitters, so it could be any of them, with 1 or 5 kW. A shame NHK1 doesn't ID as conveniently as the NHK 2 network.
- 567 **JAPAN** JOIK, Sapporo, Hokkaido, 100 kW. 1712 12/28 – Huge signal totally in the clear with blues music. Co-channels weakly audible as well. Clearly a nice post LSR enhancement to Japan. Just when I was planning on heading back for breakfast! // to other NHK1 outlets, such as 594 and others in the vicinity, but none as strong as Sapporo!
- JAPAN** JOAK, Tokyo, NHK1, 300 kW. 1401 12/29 – For second day, besides the ever dominant JOAK, there's a co-channel. At this time, they're playing Elvis Presley's 'Heartbreak Hotel'. This is different from the usual up here. I assumed this was the Filipino, DZBB. We'll see (and I see PAL lists off on Sundays from 1600 which will be useful).
- PHILIPPINES** DZBB, Super Radyo, Quezon City, 20 kW. 1733 12/28 – Predominantly JOAK Tokyo with an American Jazz program, but every once in a while, another station fades up and dominates to good level. Quite certain it's DZBB, as it fits the Super Radyo format. Not in English, but presumed Tagalog. Would be nice if it was one of the other exotics on channel like Burma or Jakarta!
- 675 **VIETNAM** Dai Tieng noi Viet Nam (Voice of Vietnam 1), My Van, 700 kW. 1452 12/28 – Armchair copy at times in the lovely sing song Vietnamese language. Did fade down significantly before returning. Tells me there are interesting things happening in the ionosphere. Of course they faded down before the TOH, only to return strongly at 1501. Gone are the days of strident, North Korean like presentation!
- 684 **JAPAN** JOAG, Nagasaki. 5 kW, and others. 1731 1/1 – I'm hoping to find India on this frequency (has been heard in past), and there were tantalizing traces of Indian sounding music. Nonetheless, the NHK1 network is playing classical music this morning which is easy to follow. Just before 1730, I quickly checked and noted the same program on 531, 540, 549, 567, 576, 585, 594, 603, 612, 621, 648, 666, 675, 684, 729, 756, 819, 837, 846, 891, 945, 963 and, then I ran out of steam!!! On 684, though, the dominant is IBC with the main transmitter being JODF in Morioka with 5 kW, and 3 other translators of 0.1 and 1 kW. Way over the NHK1 sender.
- 693 **BANGLADESH** Bangladesh Betar, Dhaka, 1000 kW. 1644 1/1 – Very good reception in Bangla with many mentions of Bangladesh. It's been a while since hearing this one, and I'm most pleased! Best heard on the North Beverage. Did fade down some. But returned a number of times at good level! Checked in just before 1730, and indeed, they seemed to go off without any announcements. Just some music.
- UnID** 1459 1/1 – Another interesting channel once JOAB signs off from Tokyo with 500 kW leaving an OC. Once again a mish mash of signals. Up to the TOH, EZL music sounded religious in nature. Perhaps a Filipino, but of course, the TOH fanfare splatter from 690 destroys any chance for an ID. Many signals measured on the zoom function: 692.987 (very weak), 692.998, 693.000 (likely JOAB), 693.002, 693.003, and 693.004.
- 702 **DPR KOREA** KCBS, Chongjin, 50 kW. 1734 12/31 – Huge buzzy OC, with Australia 2BL ABC Sydney clearly heard underneath. 100 Hz tones visible above and below (9 are visible on the waterfall). Also a het on 703.0.
- 747 **JAPAN** JOIB, Sapporo, Hokkaido, 500 kW. 0511 1/2 – Pretty rare to report audio at this early hour, as Sapporo is still almost 2 hours from LSS. English lesson at fair to good level, mostly problematic due to very loud 750 splatter (KFQD Anchorage with S9 + 50 signal... ouch!!!! No way to phaser them out!). Instead, easier to tune to 702 JOKD which is much as strong (despite 10 kW) and more in the clear. Kitami is at the northern end of Hokkaido, so closest to LSS. Rechecked 702 at 0546, very strong with now Spanish language lesson. S9+25!
- 774t **CHINA** Hubei RGD, Wuhan, 200 kW. 1445 1/1 – Another morning that NHK2 network signed off at 1440. Of course JOUB from Akita with 500 kW dominates totally, then leaves the OC on. There are numerous stations on the waterfall, all about equal strength, so a mish mash of speakers. I measure 6 frequencies: 773.977 (very weak), .996, 774.000 (presumably Akita), .007, .026, and very weakly .051. Akin to listening to 1610 TIS frequency. A lot of speakers all at once without anyone being strong enough to dominate. Chinese music is heard at 1454, so one of their transmitters, perhaps Hubei RGD (200 kW listed on one sender from them). No hint of DU activity yet. Music improved towards the TOH.
- JAPAN** JOUB, Akita, 500 kW. 1440 12/31 – I was happily listening to their English lesson, when they suddenly pulled the plug and went into their sign off routine (after JOUB ID). Normally at the end of their language lessons, they say, 'Goodbye', etc. Very good.
- 803.66 **DPR KOREA** Pyongyang Bangsong, Hwadae, 500 kW. 1749 12/28 – Buzzy, highly variable carrier with Korean vocals, typical of North Korea. Constantly drifting several hundred Hz. Seems //3320. Down to 803.3 at 1752 and heading back up. Nominal 801 has someone there, but under a strong, seemingly unmodulated carrier with a bit of a buzz, too. Same Pyongyang transmitter?
- 803.81 **DPR KOREA** Pyongyang Bangsong, Hwadae, 500 kW. 1739 12/31 – Buzzy, drifting, almost FM like signal continues here today with typical North Korean strident vocals. Drifted up to 804.31 by 1745. //3320.
- 810p **CHINA** Zhejiang RGD, Hangzhou, 200 kW. 1800 12/31 – A presumed logging, with what sounds like a TV feed. PAL lists many transmitters with Hangzhou strongest, but with others between 1 and 10 kW. No echos heard, though. South Korean jammer comes up every once in a while. Mostly very good reception. Was looking for AFN, but no joy.

- 828 **JAPAN** JOBB, Osaka, 300 kW. 1531 12/30 – One never knows for sure when the NHK2 network signs off. Since arriving several days ago, it seems they signed off at 1440, but today when tuned in at 1531, they were already into their xylophone portion of the sign off, so presumably 1530 today. Very good reception.
- 850 **ALASKA** KICY, Nome, 50 kW. 0440 12/31 – Good reception with detailed weather report. I log this one since conditions are more southerly tonight. I have a number of antennas to choose from individually: ALA 100 LN to NE/SW, North Beverage, NW BoG and a second shorter BoG parallel to the first, unterminated about 2 to 3' from the main BoG, and S/SW directed corner fed to FLG 100LN loop. None of these on their own could hear KICY, but phasing the 2 BoGs, I'm able to hear clear copy. Nice!
- 1116 **AUSTRALIA** 4BC, Brisbane, 17/6.3 kW. 1625 12/28 – Nice ID at 1626, and best heard on the ALA 100 aimed SW/NE. Good reception, but not super strong.
- 1170 **ALASKA** KJNP, North Pole, 50 kW. 1437 12/28 – Drawn to the American National Anthem followed by full legal ID including translators throughout Alaska (starting with Barrow) at good level, with only slight otherwise domestic co-channel, and no sign of Korea, which is the usual dominant.
- 1188 **JAPAN** JOKP, Kitami Hokkaido, 10 kW. 0547 1/1 – Despite there being over an hour to LSS at transmitter site, we were already hearing NHK1 Kitami at pretty decent levels. Precious little activity to the south tonight, it seems. Another Hokkaido station on 1287 HOHR in Sapporo also in, as is JOIB Sapporo on 747. Nothing very strong tonight, however. Interesting, I didn't think that Christmas Is was even on tonight on 846, but using the phaser, I was able to see the waterfall, phasing the 2 // staggered BoGs.
- 1305.093 **IRAN** IRIB Radio Bushehr, Bushehr, 50 kW. 0237 12/28 – Clearly off channel, with Middle Eastern chants, dominating the channel. Het from on-channel station(s), likely Spain, although here, I also see 2 channels, on 1305.003 (stronger) and 1304.998 (now about equal). Overall is an unpleasant hum. Weak modulation all around.
- 1440t **SAUDI ARABIA** Radio Riyadh, Ras al-Khair, 1600 kW SBC. 1621 12/31 – I'm thinking this is the Saudi on this busy channel. Music sure would match. Was over the Japanese and domestics for a while, but never any voice, so tentative only.
- UnIDs** 1514 1/1 – 1440 is another challenging frequency. I'd love to hear one of the two AFN Korea stations on this frequency, but it's an uphill battle. Besides domestics, JOWF is the ever dominant force with 50 kW from Sapporo. Mauno Ritola on FB kindly provided the information for the AFN stations, as there's been some changes. Camp Humphreys in Pyongtaek with 5 kW is measured on 1440.012. No one like that here today, while Camp Carroll in Waeguan is also 5 kW on 1439.989 which I DO see this morning. Here are the readouts on the waterfall: 1439.989 (quite strong), .991, .993 (strong), .996 (strong), .997 (strong), .998, 1440.000 (strongest, so maybe STV), and 1440.008. One day, perhaps, AFN will sneak through! An internet feed (if I had internet) would be very helpful!
- 1467.385 **IRAN** IRIB Radio Qom, Qom, 100 kW. 1616 12/31 – To prove that Asian signals are possible in our mornings, I'm getting a good het on this off channel, which is highly likely to be Iran. Another station on fundamental, but not that strong. Het is heard only on the north Beverage. Also the on-channel frequency also best heard on the north Beverage. ? Saudi.
- 1485 **UnID** 0012 12/21 – Wonder who's here playing an English language ballad. Only low powered stations listed in MWList. Strongest is 10 kW (Spain, Egypt, Ethiopia, and Iran). I'm guessing most likely Spain. So far, Iran on 1575 is by far the loudest.
- UnID** 0047 1/2 – One of the few frequencies with some audio tonight. 1485 is pretty much a graveyard channel. Nothing very powerful. Certainly from Europe/Africa/Central Asia at this time, but who. Had an Arabic hint to the music, but too weak to be sure, yet. I suspect it may be present on other nights monitored, so a frequency to watch for sure, as most powers are all 10 kW or less.
- 1494 **TAIWAN** BEE32, Taizhong and Wanhua 10 kW, Educational Broadcasting System. 1624 1/1 – UnID is solved! Everything falls into place now. I'm hearing French at good level over Japan. ?French... that's most unusual. Digging into PAL further, it's now obviously BEE32, which lists 2 transmitters (hence the echo) with BBCWS from 15 to 16 (what I heard earlier), and now RFI in French from 16 to 17. Solved!
- UnID** 1537 1/1 – An English speaker here! Up to a minute ago, the RSK network dominates (JOYR Okayama has 10 kW, and JOTL HBC from Nayoro Hokkaido has 1 kW plus relays), but then a slightly DU accented woman began to dominate in English, before the Japanese speakers returned. There is the Kiwi station in Hamilton with 3 kW (Star) which would match their tone, and another in Timaru (Radio Sport) at 2.5 kW, and 2AY Albury NSW with 2 kW. Even V6AI in Colonia Yap FSM, with 10 kW would not be excluded. Then there are the Filipinos. Doesn't sound like a Filipino, though. What troubles me is the presence of occasional echoing. Why from the English speaker? At 1545, they faded up again, and sounds like talk about suicide. Possibly heard BBC WS ID at ToH. I'm leaning towards NZ on this one, but a real challenge. ***Solved!**** See above 1494 entry!
- 1539 **UNITED ARAB EMIRATES** Asianet Radio, Al-Dhabbaya, 600 kW. 0132 12/28 – Very powerful signal, easily overpowering domestics on 1540. Indian sounding music. Heard very well hours ago, too, today, in the middle of our afternoon. S9 + 10 signal.
- +2356 12/30 – Presumed audio from them, at least briefly. At this time, also seeing activity on 1593, 1566, 1557, 1539, 1503 (Koran recitation it sounds like at 2359, so presumably Egypt). 1485, 1467.43 (presumably IRIB), and 1467, 1458, 1422, 1413 (good audio, Radio Vesti), 1341, 1278, 1269, surprisingly 1215 only a weak carrier so far, 1161, 1098, and 531. Also and LW are 198, and especially 189 with good audio, and 153. Interesting that the opening is mostly upper half of the band so far. Earlier 531 was coming in with pretty decent audio.
- +1610 12/31 – Good reception, especially on the North Beverage. Switched here when I noted the loud Iranian buzzer again on 1575. Very good at 1629 recheck with Indian type music. Totally dominating the channel and it's still 45 min or so until my LSR.
- +1607 1/1 – Clearly them at good level with Indian type music, but faded down to a jumble, likely China (not CNR1).
- 1548 **AUSTRALIA** 4QD, Emerald, Queensland, 50 kW, ABC Central Queensland. 1725 12/28 – The post dawn enhancement continues with a general enhancement to China, Korea, and now strong to 4QD, Australia, but only briefly, as they faded down soon after, but came back again a minute later. An interesting ionosphere today, indeed!
- KUWAIT** Radio Sawa, Al-Kuwayt/Umm al-Rimam, 300/600 kW. 2003 12/31 – Almost certainly them. A difficult channel 24/7 due to a lower mainland very powerful 1550 transmitter, so always a lot of splatter to contend with, but style fits Sawa. Fair during fade ups.
- 1557 **TAIWAN** Music Interactive Network, Kouhu, 300 kW directional. 1612 1/1 – I've been watching 1557 because of a rumbly noise in the background, and wide tracing on the waterfall. Multiple equally spaced lines are visible on both sides of 1557. Presumably Taiwan with good level of Chinese speaking. Pretty sure I heard 'Taiwan' at 1615 and into fanfare and something 'official' sounding. Does not sound at all like a music channel. Clearly a sick transmitter (more like a North Korean!), with buzzy audio with music when rechecked at 1738. Strong signal, otherwise.
- 1575 **IRAN** jammer, Abadan, 800 kW. 0221 12/28 – Have been hearing the buzzer all afternoon, and it continues unabated, but at 0223, presumed Radio Farda came to dominate for a few seconds with 'Smooth Operator'. S9 + 10 signal.
- +1629 12/28 – Easily heard, best on the North Beverage, as one would expect. Co-channel to VoA Thailand. Interesting that I don't hear AFN today, as usually is the case when the jammer can be heard. Strong at times. I take that back. No AFN on the North Beverage, but there equal to VoA on the NW BoG (and the jammer barely heard).
- +2351 12/30 – Nothing like my first afternoon and evening here, yet, there are some signs of life for TA activity. A number of stations are being received including the loud Iranian buzzer jammer. Let's see whether anything will come to pass! Fingers crossed. I just erected a North directed corner fed loop (with FLG 100) and it's performing as well as my 500' Beverage. I can switch it around quite easily to make a southerly loop for tomorrow morning, if conditions permit.
- JAPAN** AFN network. 1542 12/30 – AFN is coming in well at this time with American pop music. Also very strong is the Iranian Jammer, especially so with my over the Pole Beverage. I taped the next 2 hours, and have listened to them later in the day. At 1826, the signal improved to very good level, just in time for a perfect local ID, with the Misawa Radio Report. Mentioned building 106, then into Air Force Radio news, and back to Eagle music programming.
- +1707 12/30 – 3 transmitters here, and I have heard all 3 with sometimes different programs. Today, I'm only hearing one feed spread out between 1574.999 to 1575.002, and another weaker channel on 1574.993, and possibly another weaker 'smudge' on 1574.998. Good reception of the mostly music program after Fox sports. S9+15 signal shows what's available here in Masset! As for the Iranian jammer, no sign of them now. ID at 1711 as, 'If you want oldies, see your grandma. Serving America's best, The Eagle'. PSA at 1714:30 (pick up after your pet). Local ad for a pick up service after a night of drinking. Should be able to track down which transmitter, here, although it's normally Misawa.
- UNITED ARAB EMIRATES** Radio Farda, Al-Dhabbaya, 800 kW. 0033 1/2 – Ever present jammer nice and loud tonight, but so is the audible programming from Radio Farda. Not much else at this time besides weak audio on 1215. One question about 1575: Just before heading out for some golf this afternoon, I quickly tuned 1575, and there they were in English! No time to check for details, but this should have been long past AFN fading out (and it wasn't their style at all). Does Farda have any English, including lessons? I did start the Perseus recorder, so can go back to check! Not sure whether anything will develop tonight. As so often is the case, the late afternoon looks promising, only to fizzle later. Certainly LW is poor tonight compared to last night. Notice that 1539 is at good level at 0038 with typical Asianet programming, too. Had the chance to trial a 30 to 35' height x 45 foot horizontal corner fed to FLG 100 loop aimed virtually N/S and reversible. In general, the loop performed well. I'd say about 75% as good as the 500' Beverage. For space limitations, it's a winner. I will likely leave that one up, as it's close to the shack and simple to maintain. I also have a DKAZ here, but not erected this time, so cannot compare it with the loop. The loop is much better than a simple ALA 100, although the latter is a lovely all round antenna for LW to SW. Not so much for

heavy duty DXing. I even experimented with ground loops according to directions provided by Nick Hall-Patch (from a ham publication). I used a square 30' a side (double the size of the article). While better than nothing, it was the weakest of all of my antennas. It most definitely needed the FLG 100 for a boost. Deaf otherwise. I don't think I'll bother with it in the future. Bottom line, the Beverage/BoG still wins hands-down on Haida Gwaii!

- 1611t **AUSTRALIA** Vision Radio Network. 1422 12/28 – Very nice reception this morning and in fact, likely the best I've ever heard them. Super 8 Grocery ad at 1426. Several others in succession. 'World Class Quality'. Numerous carriers noted, so it's difficult to be sure who this one belongs to: 1610.940, .984, .996, 1611.000, .011, .015 and .023. The on-channel station sounds best. Most likely Vision Radio Network, as there's a Christian song at 1431. Several sites are listed: Sydney, Tarnworth, Melbourne, Margaret River, Grafton, Chiltern, and Adelaide. All with 400 watts. Deep fades at times, only to come back to good level (pretty common in the X-band). Rechecking at 1544, they're not in English anymore. UnID language, so now I'm not so sure who this is. Did hear 'Jerusalem', so likely a religious program. Rete Italia/Niche Radio does list other languages, so perhaps them? See Philippines below!
- PHILIPPINES** DWNX, Naga City, Radyo Mo Nationwide RMN, 1 kW. 1543 12/28 – Almost certainly them, after all, as they IDed. 'Nationwide' clearly heard. Sounds like sign-off announcements at 1550. Phone numbers given. 'Ladies and Gentlemen, the Philippines National Anthem' at 1551:30, so I suspect that it was them all along! A new one for my logbook! Very nice reception on 12/31 as well, with 'Radio Mo' jingle at 1543. 1558, 'Happy New Year', and then into a New Year song. Often a very good level, but when fades a bit, a lot of 1620 splatter. Lots of mentions of RMN (the network = Radyo Mo Nationwide).
- +1704 12/31 – Excellent reception with almost armchair copy with continuous music. Presumably on late for New Year's. A bit of splatter from 1620 only. Sounds a lot like the Dutch hobby pirates, with similar music, and few IDs! Caught them just as they were signing off before 1722. With a prayer, 'help us to live in peace with one another as brothers', then suddenly off. Rechecking at 1951, and they (presumably them) back on the air at fair +(at times) level. Same 1620 splatter as always. PAL lists them from 2000 to 1500, so either holiday hours or outdated information.
- 1656 **AUSTRALIA UnID** 1730 12/28 – Pretty decent audio at times, but not fitting with Hindi (Radio Rhythm, Melbourne), nor Voice of the Australian Chinese (Brisbane and Sydney). ? 2ME, but they're in Arabic, with an emphasis on Hit songs, so who knows. Latter listed in Perth, though.
- 1663.5 **JAPAN** Tahara, Aichi prefecture Isewan Martis. 1649 12/28 – Not often (ever?) reported, but fair reception of this maritime station. Shared with Nagoya, Osaka, and Tokyo, but matches this time. Some noise from 1665. In Japanese. Heard better notching 1665 and opening up the bandwidth a tad.

Roy Barstow with a mini-DXpedition to Sandy Neck Beach 1/4/19 – Barnstable MA (via Mark Connelly and IRCA eGroup)

6 foot x 12 foot Mini-Loop – w/Amplifier – FDM-S2 – Sunset at 4:25 PM-5 PM temperature 40 deg. Wind at 18 MPH with higher gusts.

Time: 2030, Bearing: 90 Degrees

- 783 **SYRIA** Woman singing, Mid-East tune. S 5-6.
999 **MDA** TWR, Grigoriopol. A man with a speech. S 7-8.

1575 **IRAN** and **UNITED ARAB EMIRATES** mixing.

Time: 2045, Bearing: 90 degrees

- 693 **AZORES** Weak under United Kingdom with a game.
756 **ROMANIA** Holding down the channel. //1332.

1512 **GREECE** Fair with talk with ARS under with Quran.

Time: 2100, Bearing: 90 degrees

- 540 **HUNGARY** Pips, theme music, then into news. Fair and mixing with CBT.
585 **SPAIN** w/talk and Iran with a religious program.
595 **MRC** Conversation going on, later some music interludes. S 5.
720 **GREENLAND** Greenlandic song, theme music into news. S 5 with noise.

- 1188 **IRAN** News after 3 gongs. S 6.
1332 **ROMANIA** Good at S 7-8 with talk. //756.
1377 **ARMENIA** Music some talk and s/off 2102.
1386 **LTU** ID. Then music into news. Good.
1467 **FRANCE** Talk in good with Iran carrier.
1548 **MDA** TWR. Notes, theme music into ID. Good – S 8, Later at S 9+.

1080 **SPAIN** Pips, theme music, some notes to news. Over others.

Time: 2115, Bearing: 70 degrees

- 567 **ARS** Quran in fair with splatter.
576 **BULGARIA** Good with some mixing with Spain.
594 **UnID** Weak, Hard to crack with 595 stronger.
603 **SPAIN** RNE Radio 5. Fair. //1107.
837 **IRAN** Mid-East music at same level as Spain.
864 **EGYPT** Koran in fair with along with some noise.

- 981 **ALGERIA** Good with talk and some slop.
1152 **ROMANIA** and **SPAIN** equal.
1197 **IRAN** Mid-East music and talk. S 7-8.
1296 **SPAIN** and **UNITED KINGDOM** with music. LSB.
1635.016 **UnID** Music, Mid-East type. S 5.

Time: 2130, Bearing: 70 degrees

- 612 **MRC** Men talking in fair. //711.
657 **SPAIN** Pips and talk with Italy with a male vocal //1062.
666 **SPAIN** SER. Talk //1044 along w/Portugal w/music. //720.
702 **IRAN** Music program //1098 and later mixing with Algeria.
711 **SPAIN** Cope. Pips on the half-hour into talk. //837. And MRC with talk //612 and another UnID station w/music.
720 **PORTUGAL** Music in with others. //666.
882 **ARS** SBC. Quran along with United Kingdom.
909 **ROMANIA** Music //756 under United Kingdom.
936 **MRC** Fair //612 within the mix.

- 1071t **IRAN** Mid-East music. Weak.
1098 **IRAN** Weak //702 under Spain.
1287t **ISRAEL** Mid-East music – Weak.
1305 **SPAIN** Strong along with a hum. 1305.091 points to Iran as per offset list.
1503 **EGYPT** Koran in weak beneath Spain.
1557 **UNITED KINGDOM** Smooth Radio. With a pop song to a fair peak.
1566t **BENIN** Bits of audio.
1593 **ROMANIA** Mixing with others.

Time: 2145, Bearing: 70 degrees

- 531 **SPAIN** RNE Radio 5. On top of channel at S 6-7 //747.
558 **SPAIN** and **IRAN** plus splatter.
818 **EGYPT** Weak with talk and slop.
1026 **IRAN** Some talk into music. Inside WBZ sidebands. WBZ at S 9+20.

- 1035t **IRAN** Bits of audio. USB.
1278 **IRAN** Strong – Some music but mostly talk. S 8-9. //1377.
1377 **IRAN** At S 7-8 w/talk and //1278.

Time: 2200, Bearing: 70 degrees

- 639 **CZE** On top of Spain.
918 **SPAIN** Madrid. Fair – song, "Fiddler on the Roof."

1431 **DJI** Up from the depths to a peak of S 9+5. Woman vocal w/drums.

Time: 2215, Bearing: 100 degrees

- 630 **ARS** Quran under WPRO. //765.
765 **ARS** Quran in weak. //630.
927 **IRAN** With men talking. Thanks to Dmitry Mezin of RealDX.

1323 **UNITED KINGDOM** Music to a fair peak, then woman said "you're listening to Smooth Radio".

Time: 2230, Bearing: 100 degrees

- 801 **SPAIN** Talk at S 8.
864 **SPAIN** Talk – //855 under Egypt.
1044 **SPAIN** With talk in strong at S 9+5.

- 1062 **ITALY** Some music, 5 pips pause 1 more pip. Some theme music and woman talking. Iran under them w/music.
1134 **KUWAIT** Mid-East music and mixing with Spain.

Time: 2300, Bearing: 100 degrees

- 774 **EGYPT** Weak with 5 pips late into talk. Along w/Spain and loud carrier.
990 **SPAIN** SER. In the mix with pips. Then maybe Anthem.

- 1422 **ALGERIA** Pips into Anthem. S 9+.
1602 **SPAIN** SER. Talk, pips, and back into talk. Fair.

About 10 cars in the parking lot when I pulled in. They all leave by dark. Had trouble setting up the antenna due to wind gusts around 25 MPH. With that and with a temperature of 40 Degrees it was chilling to the bone. But all went well and the masts stayed on the dowels and good DX to boot. But that would be my limit for mobile DXing. Now with extended cold for some time will just stay warm at home. I want to hit Manuhant Beach maybe my next trip.

Until then take care. **Roy Barstow** – Falmouth MA USA (I didn't have time to look up all the station locations or figure out the country abbreviations – pb)

Loggings from Waters Edge, Fleeton VA – Bill Whitacre

January 14-18 2019 – Perseus, 160' DKAZ at 130 deg

Freq **COUNTRY** (slogan and/or call), location. Distance (miles)/azimuth (degrees). Details. Audio(s) (date and time contained in link)

530 **CUBA** Radio Rebelde. 1224.8/76.8. <http://realmonitor.com/we8/190116/2300/cuba-530a.wav>

531 **ALGERIA** Jim FM. 4457.3/63.2. <http://realmonitor.com/we8/190117/2300/alg-531.wav>

549 **ALGERIA** Jil FM, Sidi Hamadouche. 4054/67.4. <http://realmonitor.com/we8/190117/2300/alg-549.wav>

570 **COLOMBIA** Radio Nacional de Colombia. El Rosal. 2280.7/176.4. <http://realmonitor.com/we8/190114/2300/colombia-570.wav>

CUBA Santa Clara. 1083.2/192.4. Radio Reloj. <http://realmonitor.com/we8/190116/2300/cuba-570.wav>

585 **SPAIN** RNE. 3796.9/62.7. <http://realmonitor.com/we8/190115/2300/e-585.wav> <http://realmonitor.com/we8/190116/2300/e-585.wav>

590 **DOMINICAN REPUBLIC** Radio Santa Maria, La Vega. 1327.5/163.3. <http://realmonitor.com/we8/190114/2300/domrep-590.wav>
<http://realmonitor.com/we8/190116/2300/domrep-590.wav> <http://realmonitor.com/we8/190118/0900/domrep-590.wav>

621 **CANARY ISLANDS** RNE, Tenerife. 3471.5/82. <http://realmonitor.com/we8/190115/2300/cnr-621.wav> <http://realmonitor.com/we8/190117/2300/cnr-621.wav>

640 **CUBA** Radio Progreso. <http://realmonitor.com/we8/190114/2300/cuba-640.wav>

650 **DOMINICAN REPUBLIC** Radio Universal, Santo Domingo. 1385.5/161.9. ID :18, mix Progreso. <http://realmonitor.com/we8/190117/2300/domrep-650.wav>

670 **DOMINICAN REPUBLIC** Radio Dial, San Pedro de Macors. <http://realmonitor.com/we8/190115/2300/domrep-670.wav>

680 **COLOMBIA** Radio Nacional de Colombia, Sabana Grande. 1869.9/176.7. <http://realmonitor.com/we8/190118/0900/colombia-680.wav>

684 **SPAIN** RNE. 3762.4/67.3. <http://realmonitor.com/we8/190115/2300/e-684.wav> <http://realmonitor.com/we8/190117/2300/e-684.wav>

690 **COLOMBIA** Radio Recuerdos/W Radio, Bogotá. 2298/176. <http://realmonitor.com/we8/190116/2300/colombia-690.wav>

693 **UNITED KINGDOM** Five Live. 3586.8/48.4. <http://realmonitor.com/we8/190115/2300/uk-693.wav> <http://realmonitor.com/we8/190116/2300/uk-693.wav>

700 **COLOMBIA** W Radio, Cali. 2373.6/178.8. <http://realmonitor.com/we8/190116/2300/colombia-700.wav>

710 **CUBA** Rebelde. <http://realmonitor.com/we8/190116/2300/cuba-710.wav>

720 **DOMINICAN REPUBLIC** Radio Norte, Santiago de los Caballeros. 1311/163.7. Mix with domestic. <http://realmonitor.com/we8/190114/2300/domrep-720.wav>

730 **COLOMBIA** Melodia Estereo, Bogotá. 2295.3/176.1. <http://realmonitor.com/we8/190116/2300/colombia-730.wav>

740 **CUBA** Radio Angulo, Sagua de T'namo. 1192.2/176.7. <http://realmonitor.com/we8/190115/2300/cuba-740.wav>

760 **COLOMBIA** RCN, Barranquilla. 1857.3/176.8. <http://realmonitor.com/we8/190116/2300/colombia-760.wav>
<http://realmonitor.com/we8/190118/0900/colombia-760.wav>

770 **COLOMBIA** RCN, Bogotá. 2297.6/176.2. <http://realmonitor.com/we8/190118/0900/colombia-770.wav>

780 **VENEZUELA** Radio Coro, Coro. 1869.1/165.7. <http://realmonitor.com/we8/190118/0900/venezuela-780.wav>

800 **NETHERLANDS ANTILLES** Radio Trans Mundial, Bonaire, Kralendijk. 1843.3/162.4. <http://realmonitor.com/we8/190114/2300/bonaire-800.wav>
<http://realmonitor.com/we8/190117/2300/bonaire-800.wav>

810 **COLOMBIA** CARACOL, Bogotá. 2294.1/176.3. Mix WGY. <http://realmonitor.com/we8/190115/2300/colombia-810.wav>
<http://realmonitor.com/we8/190116/2300/colombia-810.wav> <http://realmonitor.com/we8/190118/0900/colombia-810.wav>

830 **DOMINICAN REPUBLIC** HJJB, Santo Domingo. 1384.3/162.1. <http://realmonitor.com/we8/190115/2300/domrep-830.wav>
<http://realmonitor.com/we8/190117/2300/domrep-830.wav>

840 **HAITI** 4VEH. 1272.8/167.8. <http://realmonitor.com/we8/190115/2300/haiti-840.wav>

850 **COLOMBIA** Candela 850, Bogotá. 2295.3/176.3. <http://realmonitor.com/we8/190116/2300/colombia-850c.wav>

855 **SPAIN** RNE. <http://realmonitor.com/we8/190115/2300/e-855.wav> <http://realmonitor.com/we8/190116/2300/e-855.wav>
<http://realmonitor.com/we8/190117/2300/e-855.wav>

860 **PANAMA** Radio Reforma se Oye, Chitre. <http://realmonitor.com/we8/190118/0900/panama-860.wav>

NEVIS Voice of Nevis, Bath Village. 1651.1/146. <http://realmonitor.com/we8/190115/2300/nevis-860.wav>

864 **EGYPT** Santah. 5780.9/55.6. <http://realmonitor.com/we8/190115/2300/egypt-864.wav> <http://realmonitor.com/we8/190116/2300/egypt-864.wav>

870 **CUBA** Radio Reloj. <http://realmonitor.com/we8/190116/2300/cuba-870.wav>

890 **CUBA** Radio Progreso. 1078.2/189. <http://realmonitor.com/we8/190116/2300/cuba-890.wav>

900 **CUBA** Radio Progreso. 1191.1/182.7. <http://realmonitor.com/we8/190116/2300/cuba-900.wav>

BARBADOS Bridgetown. 1988.6/144.6. "94.7 FM" and longer cut with BBC news at end. <http://realmonitor.com/we8/190118/0900/barbados-900-long.wav> <http://realmonitor.com/we8/190118/0900/barbados-900.wav>

909 **UNITED KINGDOM** Five Live. <http://realmonitor.com/we8/190115/2300/uk-909.wav> <http://realmonitor.com/we8/190116/2300/uk-909.wav>

910 **CUBA** Radio Metropolitana, Villa Maria. 1077/201. <http://realmonitor.com/we8/190116/2300/cuba-910m.wav>

930 **COLOMBIA** Todelar, La Voz de Bogotá, Bogotá. 2300.1/176. <http://realmonitor.com/we8/190117/2300/colombia-930.wav>

936 **MOROCCO** SNRT, Agadir. 3776.2/76.5. <http://realmonitor.com/we8/190116/2300/mrc-936.wav>

950 **CUBA** Radio Reloj. <http://realmonitor.com/we8/190116/2300/cuba-950.wav>

954 **SPAIN** Onda Cero Radio, Madrid. 3774.9/62.9. <http://realmonitor.com/we8/190116/2300/e-954.wav>

970 **COLOMBIA** Radio Super Santa Fe, Bogotá. 2300.1/176. <http://realmonitor.com/we8/190116/2300/colombia-970.wav>

990 **DOMINICAN REPUBLIC** Radio Eternidad, Santo Domingo. 1391.6/162. <http://realmonitor.com/we8/190115/2300/domrep-990.wav>

1000 **COLOMBIA** RCN, Cartagena. 1887.9/178.3. <http://realmonitor.com/we8/190116/2300/colombia-1000.wav>

BRAZIL Radio Record, São Paulo. 4661.4/150.7. <http://realmonitor.com/we8/190114/2300/brazil-1000.wav>

1010 **COLOMBIA** Acuario Estéreo, Bogotá. 2300.1/176. <http://realmonitor.com/we8/190116/2300/colombia-1010a.wav>

BRAZIL CBN/Globo, Fortaleza. 3758.4/131.3. <http://realmonitor.com/we8/190114/2300/brazil-1010.wav>

1020 **CUBA** Radio Artemisa. 1213/174.4. Mix Trinchera. <http://realmonitor.com/we8/190116/2300/cuba-1020.wav>

1070 **COLOMBIA** Radio Santa Fe, Super Radio, Bogotá. 2300.1/176. <http://realmonitor.com/we8/190114/2300/colombia-1070a.wav>

1089 **UNITED KINGDOM** TalkSport. <http://realmonitor.com/we8/190115/2300/uk-1089.wav> <http://realmonitor.com/we8/190116/2300/uk-1089.wav>

1098 **SPAIN** RNE. 3936.1/66.5. <http://realmonitor.com/we8/190116/2300/e-1098.wav>

1100 **COLOMBIA** CARACOL, Barranquilla. 1867.3/177. <http://realmonitor.com/we8/190117/2300/colombia-1100.wav>

1140 **CUBA** Radio Agramonte. Mix WRVA. <http://realmonitor.com/we8/190114/2300/cuba-1140a.wav>

1190 **COLOMBIA** Radio Cordillera/La Voz de Bogotá, Bogotá. 2297.5/176.2. <http://realmonitor.com/we8/190114/2300/colombia-1190a.wav>

CUBA Radio Revolution, Chivirico. <http://realmonitor.com/we8/190116/2300/cuba-1190.wav>

1210 **CUBA** Radio Sancti Spiritus, Sancti Spiritus. 1113.3/190.6. <http://realmonitor.com/we8/190114/2300/cuba-1210a.wav>
<http://realmonitor.com/we8/190116/2300/cuba-1210a.wav>

1215 **UNITED KINGDOM** Absolute Radio. <http://realmonitor.com/we8/190114/2300/uk-1215.wav> <http://realmonitor.com/we8/190116/2300/uk-1215.wav>

1413 **SPAIN** RNE. 3848.8/65.8. <http://realmonitor.com/we8/190116/2300/e-1413.wav>

1503 **SPAIN** RNE. <http://realmonitor.com/we8/190116/2300/e-1503.wav>

IRAN Bushehr. 6700.9/44.6. <http://realmonitor.com/we8/190116/2300/irn-1503.wav>

1540 **BAHAMAS** Nassau. 887.3/184.3. <http://realmonitor.com/we8/190115/2300/bahamas-1540.wav> <http://realmonitor.com/we8/190116/2300/bahamas-1540.wav>

Current DX season preferred catches – Sylvain Naud

3/24 via IRCA eGroup. As another (short) DX season is coming to an end, here are some of my preferred DX catches. No surprise that most of the interesting stuff came at the end of 2018 where Romanians were about to become notorious pests, just to tell you :) One of my goals was to ear Russia on 828 but sadly, it never showed up firmly. And as for 2019, it is giving some kind of a lacklustre performance thus far. Note that logs date and time in UTC are part of the audio clip title.

- 531 **FAROE ISLANDS** – Kringvarp Føroya, Akraberg. At a much reduced power, now listed at 10Kw compared to the 100Kw they used to work with not so long ago. Here with rare long-talking segment https://www.quebecdx.com/faroe_islands_531_20190119_0202.MP3
- 540 **HUNGARY** – MR1 Kussuth Rádío, Solt. Here with massive signal crushing CBT. **NEW https://www.quebecdx.com/hungary_540_20181103_0451.MP3
- 549 **UKRAINE** – UR1, Mykolajiv. With Ukrainian talk. Thanks to Walt Salmani and Vlad Titarev on the RealDX list for ID. **NEW https://www.quebecdx.com/ukraine_549_20181101_2134.MP3

- 576 **BULGARIA** – Radio Horizont, Vidin. Not so easy to hear even though its carrier is spotted regularly. This is partly due to strong adjacent domestics (CFRA to name one) combined apparently to a low modulation https://www.quebecdx.com/bulgaria_576_20181013_0211.MP3
- 603 **ROMANIA** – Radio Romania Actualitati, Various. Here with delayed synchros https://www.quebecdx.com/romania_603_mix_20181130_0300.MP3
- 648 **SLOVENIA** – Radio Murski Val, Murska Sobota. There at a surprising strength for a listed 10Kw. **NEW https://www.quebecdx.com/slovenia_648_20181103_0434.MP3
- 657 **ITALY** – RAI Radio 1, Pisa. Here airing a Radio Theatre https://www.quebecdx.com/italy_657_20181226_2027.MP3
- 702 **IRAN** – IRIB World Service in Russian, Klashahr. Thanks to Mike Shcherbakov at RealDX for sorting this one out https://www.quebecdx.com/iran_702_20181130_2015.MP3
- 711 **IRAN** – Sedaye Khuzestan, Ahwaz with Persian talk https://www.quebecdx.com/iran_711_20181220_2105.MP3
- 756 **ROMANIA** – Radio Romania Actualitati, Lugo. Here with Radio Theatre. **NEW https://www.quebecdx.co/romania_756_20181101_2158.MP3
- 837 **IRAN** – IRIB Radio Esfahan. Esfahan. Persian talk over soft music https://www.quebecdx.com/iran_837_20181127_0129.MP3
- 864 **EGYPT** – ERTU, Al Quran Al-Karim, Santah. Sorting that one myself (thanks to WRTH 2018) with pips and (fast) ID "Idha'atu-l-Koran al-Karim min al-Qahira" at second 11 https://www.quebecdx.co/egypt_864_20181122_2059.MP3
- 936 **SYRIA** – Radio Damascus, Homs. There with news commentary from a Lebanese newspaper. Thanks to Tarek Zeidan for this info and ID https://www.quebecdx.com/syria_936_20181130_2021.MP3
- 954 **CZECH REPUBLIC** – CRo Dvojka, Dobrochov. ID right at second 2: https://www.quebecdx.com/czechrepublic_954_20181130_2024.MP3
- TURKEY** – TRT1 Radyo Bir, Antalya at a nice strength, here with Turkish talk. **NEW https://www.quebecdx.com/turkey_954_20190104_0414.MP3
- 963 **CYPRUS** – RIK1 Proto Radio, Nicosia. Thanks Jari Savoleinen and Franck Baste at RealDX for ID. **NEW https://www.quebecdx.com/cyprus_963_20181226_2058.MP3
- IRAN** – IRIB Radio Birjand, Birjand with Persian talk (-17Hz) https://www.quebecdx.com/iran_962.9826_20181130_2035.MP3
- 999 **MOLDOVA** – TWR Relay, Grigoriopol. TWR Interval Signal followed by Romanian programming https://www.quebecdx.com/moldova_999_20181130_2014.MP3
- 1008 **NETHERLANDS** – GrootNieuwsradio, Zeewolde. Ads and ID here shortly before their definitive closure on 12/31 https://www.quebecdx.com/netherlands_1008_20181122_2055.MP3
- 1026 **IRAN** – Radio Tabriz, Azarshahr with IRIB IDs https://www.quebecdx.com/iran_1026_20181101_2101.MP3
- 1035 **ESTONIA** – TWR Relay, Tartu. Here in a peak with Russian Pop https://www.quebecdx.com/estonia_1035_20181130_2022.MP3
- 1098 **CHINA** – CNR11, Goldmud with a top-of-the hour announcement and pips https://www.quebecdx.com/china_1098_20181226_2059.MP3
- SLOVAKIA** – SRo3 Rádio Devín, Nitra (-17Hz). This listed 25Kw here delivering audio on a rare occasion. Thanks to Jozsy on the RealDX list for ID. **NEW https://www.quebecdx.com/slovakia_1097.9825_20181130_2034.MP3
- 1116 **HUNGARY** – Dankó Rádió likely from the Miscock transmitter (15 Kw) with IDs. **NEW https://www.quebecdx.com/hungary_1116_20181220_0404.MP3
- 1134 **KUWAIT** – Radio Kuwait, Kabd. Main Arabic Program on 1134 KHz with pips, news theme then into the news. Thanks to Tarek Zeidan for ID https://www.quebecdx.com/kuwait_1134_20181226_2059.MP3
- 1170 **UNITED ARAB EMIRATES** – Sawt Al-Joumhouria, Al Dhabbaya. There with ID right at the start "Idha Sawt Al-Joumhouria" https://www.quebecdx.com/uae_1170_20181130_2012.MP3
- 1179 **ROMANIA** – Radio Romania Actualitati, Bacau. The steadiest Romanian along with 1152 showing muscle here https://www.quebecdx.com/romania_1179_20181122_2056.MP3
- 1197 **IRAN** – IRIB Radio Iran, Moghan. Persian talk (listed at 50 Kw) https://www.quebecdx.com/iran_1197_20181007_0136.MP3
- 1314 **IRAN** – Radio Iran, Ardabil with man in Persian over smootish music (listed at 50Kw). **NEW https://www.quebecdx.com/iran_1314_20181130_2003.MP3
- 1368 **UNITED KINGDOM** – Manx Radio, Isle of Man. From a not-so-easy-to-hear variety at my place there with ads and a sung ID "Manx Radio – Weather" https://www.quebecdx.com/uk_1368_20181130_2000.MP3
- 1377 **ARMENIA** – TWR Relay, Gavar. Folk music followed by TWR Interval Signal https://www.quebecdx.com/armenia_1377_20181130_1959.MP3
- 1386 **LITHUANIA** – RFE Radio Svoboda, Viesintos. A season regular and here with Radio Svoboda IDs https://www.quebecdx.com/lithuania_1386_20181023_2357.MP3
- 1413 **MOLDOVA** – Vesti FM (Relay), Grigoriopol. Vesti FM ID with news in Russian https://www.quebecdx.com/moldova_1413_20181007_0044.MP3
- OMAN** – BBC World Service, A'Seela. There with English talk with BBC mentions https://www.quebecdx.com/oman_1413_20181224_2029.MP3
- 1503 **EGYPT** – ERTU, Al Quran Al-Karim, El Arish. At second 26 goes the ID "Idha'atu-l-Koran al-Karim min al-Qahira". Thanks Mauno Ritola at RealDX for pointing this out. **NEW https://www.quebecdx.com/egypt_1503.mp3
- 1521 **CHINA** – CRI, Urumqi at a good level, here with Russian talk https://www.quebecdx.com/china_1521_20181030_0020.MP3
- 1575 **ITALY** – RAI Radio Uno, Pisa with ID and news items https://www.quebecdx.com/italy_1575_20190223_0505.MP3

Sylvain Naud, Portneuf QC

Receiver: Perseus + Jaguar Pro software

Antennas: 450m/1450ft Beverage @ 35 degrees towards Eastern Europe, 290m/950ft Beverage @ 55 degrees towards Europe, 275m/900ft Beverage @ 90 degrees towards Africa, 60m/200ft Long Wire used for phasing purpose, MFJ-1026 phaser with Mark Connelly's LF mods.

MWLIST https://www.mwlist.org/mwlist_quick_and_easy.php + WRTH 2018

Nick Hall-Patch at Breakwater Inn – Grayland WA

Antennas: phased end-fire Kaz antennas; phased 600 and 400 foot BOGs; 1000' Cat-5 Beverage with 400' terminating stub (all at 270 degrees).

Other toys: NetSDR, SDR-14 running DX Fishbarrel, Wellbrook phaser, Misk/Lankford phaser, Vactrol termination, everything but the kitchen sink it seems.

Although the new Breakwater Inn's motel portion is still undergoing hefty renovation (in late March, it was down to the studs inside), thanks to new owners' forbearance, I was able to set up some antennas there and do some late season DXing. Conditions were fairly good, though on a decline from a better period a day or two previously. But like they say, "a fair-to-middling day on the coast beats pretty much anything else". I've limited these logs to stations that were noted with live listening, or, on the hour, noteworthy, and/or that I haven't heard particularly at home. Otherwise it would take the usual months to deliver a report using the recorded files. I suspect that there are still lots of interesting catches in those files.

- 630 **AUSTRALIA** 4QN, Townsville. MAR 25 1400. Fair to poor with ABC pips and fanfare, but dominating channel just the same.
- 846 **KIRIBATI** London, Kirimati, Radio Kiribati. MAR 26 0601. Very good with BBC news. No sign on 1440 at this time.
- PHILIPPINES** DZRV, Quezon City. MAR 26 1400. Fair to good signal. Had been NHK1 until a few minutes earlier, Tagalog man faded up to hour, woman with "91-1" mention, and "V" in Morse code; lots of talk (news?), mentions of "Nationwide" "8-46 radyo ninety one" "member Catholic media network."
- 864 **JAPAN** JOXR, Naha. MAR 25 1400. "J-O-X-R" ID on hour by woman, fair to good strength.
- 900 **HAWAII** KMVI, Kahului. MAR 25 1400. "Maui's ESPN radio station, KMVI, AM 9 hundred Kahului" fair to good, dominating channel, though Chinese pips in the background.
- 918 **JAPAN** JOEF, Yamagata. MAR 25 1415. Good with female power ballad //1332. Often on this channel, Chinese dominated instead.
- 936 **JAPAN** JONF, Miyazaki. MAR 25 1403. Woman talking //1332 and leading slightly; fair strength.
- 963 **CHINA** Huaduan, CRI. MAR 25 1400. Very good with CRI chimes, fanfare, and Chinese and Russian IDs. This had been off the air during the winter, but back with a vengeance.
- 999 **JAPAN** NHK1 synchro. MAR 25 1400. Weak but //567 with man in Japanese. Heftiest one listed is 1kw.
- 1053 **JAPAN** JOAR, Nagoya. MAR 25 1400. Fair strength, clear enough to hear "sen go juu san kiroherutsu (1053 kHz) ...CBC rajio" battling with Chinese on channel.
- 1089 **CHINA** Fuzhou, CNR6. MAR 26 1334. Fair with piano finish to female vocal //6165; someone else there with Chinese talk, but not NHK2.
- 1107 **JAPAN** JOMR, Kanazawa. MAR 25 1406. Fading up to fair with female ballad //1332.
- 1134 **REP KOREA** HLKC, Hwaseong, KBS3. MAR 25 1400. "HL(K?)C" ID by woman, then 2 and 1 pips; fair signal, Japanese way under. Listed as RFK by PAL, but this seems to indicate that it is still a domestic broadcaster at times?
- 1161 **TAIWAN** BED89/BED86, Miaoli/Zhuangwei, BCC. MAR 25 1400. Fair signal man in Chinese, BCC chimes.
- 1197 **JAPAN** JOYF, Mito. MAR 26 1350. Female ballad, fair to good strength, //1332 (only one listed on channel for ANN Gold at this time.)
- 1215 **JAPAN** JOGE, Hiroasaki. MAR 26 1350. Female ballad, fair to poor strength, //1332 and to 1233. (JOB0 and/or JOBW are Kinki Hoso which also runs ANN, but not at this time, process of elimination? Fine DX all of it.)

- 1233 **JAPAN** JOGR, Aomori. MAR 26 1350. Female ballad, fair to poor strength, //1332 and to 1215. JOUR also runs ANN at this time by 1215 and 1233 had practically no time offset, while 1332, for example, was leading them both slightly.
- 1278 **JAPAN** JOFR, Fukuoka. MAR 26 1334. Woman talking, fair, and //1287. Not sure what network that was, as not listed as ANN, and not //1242 and 1332.
- 1341 **JAPAN** NHK1 synchros. MAR 26 1414. NHK1 interlude music, fair to poor //1296.
- 1413 **JAPAN** JOIF, Fukuoka. MAR 25 1402. Woman talking, slight offset from //1332; fair to good strength.
- 1431 **JAPAN** JOVF, Wakayama. MAR 25 1400. Poor to fair, with high pitched musical interlude //1440, 1332 and others.
- 1449 **JAPAN** JOQM, Abashiri. MAR 26 1354. Fair with man talking //1287.
REP KOREA HLQB, Ulsan. MAR 25 1400. Pips and man talking; rough copy but //711.
- 1458 **JAPAN** All Night Nippon Gold relays. MAR 25 1400. Poor with high pitched musical interlude (flute) //1440, 1332 and others. ANN Gold is listed and 1458 is a relay of JOSF-1332 (which was at good strength), but 1197 1098 and 1233 all have ANN at this time also and have relays on this channel. Same interlude heard on this channel the following morning also.
- 1467 **REP KOREA** HLKN, Mokpo. MAR 25 1400. Fair with "HLKN" mention by man (may have said Mokpo before?) and "KBS... rajio" mention after pips; NHK2 in there also.
- 1485 **JAPAN** All Night Nippon Gold relays. MAR 25 1400. Poor with high pitched musical interlude (flute) //1440, 1332 and others. There is a 1kw relay of Aomori on 1233 (yes, the interlude was there also), but many different relays to choose from, unfortunately.
- 1494 **JAPAN** JOYR, Okayama. MAR 25 1403. Poor to fair, with woman talking, //1242 and delayed by about half a second. Not listed as ANN Gold, but....
- 1584 **JAPAN** NHK1 synchros. MAR 26 1353. Poor to fair with woman in Japanese //1296.

Gary DeBock in Hong Kong with Ultralight

4/2. After a 14 hour flight via SF a collection of Ultralight DXpedition gear safely arrived in Hong Kong, and was immediately tested out at 1200 UTC during the local evening hours. Much to my surprise the "Supercharged" CC Skywave SSB model was very competitive in receiving the Southeast Asian stations all by itself in a 12th story flat in a high rise building in Shatin, in the New Territories. Although a 5 inch "Frequent Flyer" FSL antenna and a 4 foot PVC base safely made the trip they won't be deployed until I can become familiar with the local pests, and track down a suitable salt water beach site – probably a serious challenge in ultra-crowded Hong Kong.

If any DXers in North America or Europe have questions about the Southeast Asian station formats I'll try to investigate as time allows.

- 531 **PHILIPPINES** DZBR, Batangas City. Great strength and all alone with TOH fanfare, "Bible Radio" ID's and local announcements at 1200 UTC on 4/2
<https://dreamcrafts.box.com/s/3jbfza194lc4dejwzj3nj8lid2gymwk>
- 540 **UnID-Chinese Stations** The evening mix here in Hong Kong with Chinese opera and another Chinese station underneath at 1203
<https://dreamcrafts.box.com/s/veflfk16b5xj68w9ghe7e103w0s1rb11>
- 567 **HONG KONG** RTHK3, Golden Hill. One of my locals with typical rock music at 1207
<https://dreamcrafts.box.com/s/resqitr2qyaootwd2i7m9krj868mmh5o>
- 603 **CHINA** CNRI-CRI. Based on Hawaii experience the strong Vietnamese format-station at 1211 is CRI, although a CNR1 ID is audible from the Chinese station underneath <https://dreamcrafts.box.com/s/0n18sag6y5gvnoaepdm733ygc5wr564>
- 918 **UnID** This lady's language at 1218 doesn't sound like Khmer (RNK) to me, so depending on the assessment of the Finnish language experts this would probably be either Thai or Tagalog <https://dreamcrafts.box.com/s/b7amutx6xmchluiv9vnnq76o0j84nqal>

4/26. Report from **Allen Willie** in Newfoundland via NRC Facebook page. Somewhat useful for the rest of us here in the east. Obviously better than even what we get in ME, NH, and MA. Nowadays most of the action starts here at 0000 UTC/8 pm local. Before that only a handful of big guns such as 855 Spain.

Mark Connelly, WA1ION, South Yarmouth, MA (via IRCA eGroup)

- 531 **ALGERIA** Jil FM, F'Kirina. 0010 4/22 w/Arabic talk, ID, music //549.
- SPAIN** Radio Nacional Espana 5, various. 2305 4/24 w/man in Spanish, ID (signal over Algeria).
- 540 **HUNGARY** MR1 Radio Kossuth, Solt. 0230 4/20 w/news in Hungarian, (Signal under w/CBT Grand-Falls – Windsor, Newfoundland).
- 549 **ALGERIA** Jil FM, Sidi Hamadouche. 2250 4/22 w/Arabic talk and music, ID //531.
- 558 **IRAN** IRIB Radio Iran, Tehran. 2350 4/21 w/Farsi talk, string instrument music (mixing with Spain).
SPAIN RNE Radio Nacional, various. 0020 4/25 w/two men in Spanish, ID (mixing with Iran).
- 585 **SPAIN** RNE Radio Nacional, Madrid. 0025 4/25 w/ID, woman in Spanish.
- 603 **SPAIN** RNE Radio Nacional, various. 2310 4/24 w/man in Spanish, ID.
- 612 **MOROCCO** SNRT Al Idaâ Al-Watania, Meknès. 0005 4/21 w/Arabic talk, music.
- 621 **CANARY ISLANDS/SPAIN** RNE Radio Nacional, various. 2315 4/24 w/ID "Radio Nacional Espana" woman in Spanish, mentioned Barcelona.
- 630 **TUNISIA** RTT Radio Nationale, Tunis. 0110 4/23 w/man and woman in Arabic.
- 684 **SPAIN** Radio Nacional de Espana, Sevilla. 0025 4/22 w/two men in Spanish, ID.
- 693 **UNITED KINGDOM** BBC Radio 5, various. 0115 4/24 w/BBC mentions, ID, talk about genetics.
- 702 **IRAN** IRIB World Service Azeri Tabriz, Kiashahr. 0120 4/24 w/Quranic chants, Azeri language.
- 774 **EGYPT** ERTU Al-Sharq al-Awsat, Abis. 0005 4/19 w/Arabic talk, chants.
- 783 **SYRIA** SRTV 1 Dimashk, Tartus. 0030 4/24 w/Arabic talk and music, mention of Syria.
- 810 **SCOTLAND** BBC Radio Scotland, various. 0040 4/24 w/BBC ID, talk about Iran.
- 837 **SPAIN/CANARY ISLANDS** COPE Radio, various. 0000 4/23 w/news in Spanish, COPE ID.
- 855 **SPAIN** Radio Nacional, various. 0120 4/24 w/Spanish talk, ID, promos, ads.
- 864 **EGYPT** ERTU Al-Quran al-Karim, Santah. 0040 4/24 w/Quranic chants, Arabic talk.
- 882 **UNITED KINGDOM** BBC Radio Wales. 2305 4/24 w/pop music, BBC ID, talk.
- 900 **ITALY** RAI Radio 1 Lombardia, Milan-Siziano. 0040 4/21 w/Italian talk by man, ID.
- 909 **ROMANIA** Romania Actualitati, various. 0025 4/24 w/Romanian music, talk (heard through BBC) //855, 1179.
UNITED KINGDOM BBC Radio 5, various. 0100 4/19 w/BBC News, BBC5 Live ID (very strong).
- 954 **SPAIN** Onda Cero Radio, Madrid. 0120 4/24 w/man in Spanish, Onda Cero ID.
- 963 **TUNISIA** RTT Radio Tunis Chaîne Int Tunis, Djedeida. 2255 4/18 w/music, French talk by man.
- 981 **ALGERIA** Chaîne 2, Ouled Fayet. 2350 4/22 w/chants, Tamazight language.
- 999 **SPAIN** COPE Radio. Madrid. 2235 4/22 w/Spanish ads and promos, ID "COPE Madrid".
- 1026 **IRAN** IRIB Radio Tabriz, Azarshahr. 2350 4/21 w/Farsi talk by man, chants (signal mixing with Spain).
SPAIN SER Radio, various. 0040 4/24 w/man in Spanish, ID //1044 (mixing w/Iran).
- 1035 **UNITED KINGDOM** Lyca Dilse Radio. 0035 4/24 w/South Asian music, talk.
- 1044 **SPAIN** SER Radio, San Sebastian. 2235 4/22 w/ID, Spanish talk, promos (strong signal).
- 1053 **UNITED KINGDOM** Talksport Radio, various. 2250 4/24 w/football talk, ads, ID.
- 1071 **INDIA** All India Radio, Rajkot. 2355 4/22 w/South Asian music, Hindi language.
IRAN IRIB Radio Ma'aref, Qom. 0030 4/19 w/Quranic chants, Farsi talk (mixing w/Saudi Arabia).
- 1080 **SPAIN** SER Radio, various. 2250 4/23 w/two men in Spanish, mentioned. Espana //1044.
- 1089 **ALGERIA** Radio Adrar, Adrar. 2255 4/18 w/Arabic talk (signal under United Kingdom's Talksport).
UNITED KINGDOM Talksport Radio, various. 0000 4/25 w/auto ad, weather, ID, talk //1053.
- 1098 **SPAIN** RNE Radio 5, various. 2305 4/23 w/promos, ads in Spanish, Radio Nacional Espana ID.
- 1107 **ITALY** RAI Radio 1 Lazio, Rome. 0020 4/24 w/man in Italian (heard under Spain).
SPAIN Radio Nacional Espana, various. 2300 4/18 w/news in Spanish, ID (very strong).
- 1116 **SPAIN** SER Radio Santander. 2255 4/23 w/two men in Spanish, Valencia mentioned.
- 1134 **KUWAIT** Radio Kuwait Main Arabic, Kabd-Sulaibiyah. 2255 4/24 w/Arabic music, talk.
SPAIN COPE Radio, various. 2250 4/22 w/man in Spanish, ID.
- 1152 **SCOTLAND** Clyde 2, Dechmont Hill. 0050 4/19 w/Abba song, ID (mixing with Spain).
SPAIN RNE Radio 5, various. 2230 4/24 w/Spanish talk by man, ID.
- 1170 **SLOVENIA** Radio Capodistria, Beli Kriz. 2255 4/22 w/Italian talk by man, song vocals, ID.
UNITED ARAB EMIRATES Sawt Al-Joumhouria, Voice of the Republic, Al-Dhabbaya. 2255 4/22 w/music, Arabic talk, ID.

- 1179 **ROMANIA** Romania Actualitati, Bacau-Galbeni. 0000 4/23 w/news in Romanian by woman, ID (mixing w/SER Spain/Canaries).
SPAIN/CANARY ISLANDS SER Radio. 2315 4/23 w/two men in Spanish (mixing w/Romania).
 1188 **IRAN** IRIB Radio Payam, Tehran. 0025 4/19 w/Farsi talk, chants (good signal).
 1215 **SPAIN** COPE Radio, various. 0010 4/22 w/Spanish talk, ID (mix w/Absolute Radio).
UNITED KINGDOM Absolute Radio, various. 0010 4/21 w/pop hits, talk, ID.
 1260 **SPAIN** SER, various. 2305 4/23 w/man in Spanish, mentioned Espana //1044.
 1341 **NORTHERN IRELAND** BBC Radio Ulster, Lisnagarvey. 2300 4/18 w/BBC News, ID.
 1413 **SPAIN** Radio Nacional Espana 5, various. 0010 4/19 w/Spanish talk by man and woman, ID (strong signal) //1305.
 1422 **ALGERIA** Radio Coran, Ouled Fayet. 2300 4/18 w/Arabic talk.
 1431 **DIBOUTI** Radio Sawa, Arta. 2300 4/18 w/Arabic talk, ID, music.

Receiver: ICOM R-75 **Antenna:** 600 foot/183 metre 14 gauge insulated random copper wire to South East @ 135 degrees
Allen Willie VOPC1AA, Carbonear, Newfoundland and Labrador, Canada, 47°44'15N 53°11'46W, Grid Square GN37JR

DX at Menauhant Beach on June 16 2019 – Roy Barstow (via IRCA eGroup)

6/19. The wind was 20 MPH. at home but still decided to try DXing at this beach. And at the beach the wind much stronger and had a problem putting up the Loop on the ladder rack of the truck.

As soon as I had it up the wind from the South West blew the Loop the other way and now it was horizontal with one mast resting on the cab roof. I was not deterred and started to capture files. Before 9 PM I noticed the wire on the mast laying on the cab and just reached up and rotated the mast so the wire would not be touching the cab. But still only inches away from the truck body. Not the best way to DX but yet I still had some nulling going on. So on with it.

SE Antenna

- 600 **CUBA** Radio Rebelde. 6/16 0115. Music into announcement of a goal in soccer. //610, 670, 1180.
 610t **BRAZIL** 6/16 0030. Weak with noise but sounded Portuguese.
 680 **PUERTO RICO** WAPA. 6/16 0030. Mixing with Boston.
 729 **UnID** 6/16 0100. Carrier.
 800 **UnID** 6/16 0130. Unknown Spanish station and turned out to be PJB. Thanks to those at RealDX.
 810t **PUERTO RICO** WKVM. 6/16 0030. Maybe this station w/Latin music. All alone on channel.
 840 **UnID** 6/16 0100. With 5+1 pips. Weak.
 846 **UnID** 6/16 0030. Weak carrier.
 870 **ARGENTINA** 6/16 0100. Radio Nacional, Buenos Aires. 5+1 pips, ID on top of the frequency. **NEW** and # 13 from that country.
 950 **UnID** 6/16 0100. With 5+1 pips in weak under WROL.
 1020 **NJ** 6/16 0030. With Latin music with the help of RealDX.
 1040 **FL** WURN. **NEW**. 6/16 0100. Woman saying, this is WURN 1040 AM Miami, Florida covering the Florida Keys.
 1060 **UnID** 6/16 0030. Spanish... and the lady said, Revolution and 4 coo coo sounds. Maybe Cuba with other stations in the mix.
 1290.3 **UnID** 6/16 0115. Carrier and presume Brazil-Radio Timbira, Sao Luis.
 1309.687 **UnID** 6/16 0030. Carrier – Maybe HJAK CLM.

So much for how close the antenna wires are to the truck.

I went back to that beach for more DX with less wind on 6/18 and placed the loop in the position it was in on that windy session and took pictures. And then placed the loop in the normal position and started captures. These to come.

Roy Barstow – Falmouth – CAPE COD

Menauhant Beach DX in East Falmouth – Roy Barstow (via IRCA eGroup)

6/22. 6x12ft. loop on top of truck-This with amplifier and FDM-S2 – 6/18/2019.

Antenna 160 Degrees 6/18 @0200.

- 700t **ARGENTINA** Presume with its 5+1 pips along with a man in Spanish shouting.
 810 **UnID** With 5+1 pips but think Spain. As further logs point to.

The Great Lakes big boys were in solid. And started to notice many carriers from Europe.

So Mark Connelly in his excellent report had many Latin stations so I will key of what I received from over the pond to my East. After moving the truck (antenna) to 80 Degrees I started to capture files.

Antenna 80 degrees 6/18 @0211.

- | | |
|--|--|
| 531 ALGERIA Weak. | 909 UNITED KINGDOM Talk and slop in weak. |
| 549 ALGERIA More signal at S 6-7. | 936t MOROCCO Talk. |
| 585 SPAIN Weak. | 945 UnID Carrier but no audio. |
| 595 MOROCCO Weak up to around S 5 w/talk. | 954t SPAIN . |
| 639 SPAIN Fair. | 981 ALGERIA Talk at S 5-7 with splatter. |
| 684 SPAIN In good around S 7-8. | 1044t SPAIN . |
| 711t MOROCCO Weak with talk. | 1053 UNITED KINGDOM Weak. |
| 747 SPAIN RNE Radio 5. Lively music along with talk. Good //1107. | 1089 UNITED KINGDOM Good – Talk Sport – Best on 1088 with not much slop. But conditions were noisy tonight. |
| 765 UnID Carrier. | 1098 SPAIN Fair at times with music. |
| 774 SPAIN Fair. | 1107 SPAIN Music at Fair level. //747. |
| 792 SPAIN Weak to a fair peak with men talking. | 1125 SPAIN Music and talk along w/splatter. //1107. |
| 801 SPAIN Weak to fair. //774. | 1134 SPAIN Much like 1125. |
| 819 EGYPT Weak w/talk and slop. Best LSB. | 1152t SPAIN Weak. |
| 837 SPAIN Cope. Fair at S 5-7. | 1215 UNITED KINGDOM Good over most of the file. |
| 855 SPAIN Good. | 1413 SPAIN Weak as well as 1422 Algeria. |
| 882 UNITED KINGDOM Weak w/slop. | |

Antenna 100 degrees 6/18 @0220.

- | | |
|--|---|
| 610 BRAZIL In the mix with man in Portuguese. | 1296 SPAIN Fair. |
| 693 UNITED KINGDOM Good – As in clip. | 1305 SPAIN Fair. |
| 864 EGYPT Fair w/Koran. | 1314 SPAIN Weak. |
| 981 ALGERIA Good w/slop. Music with drumming. | 1503 UnID Fair at times along with the noise and slop. With light music. |

Earlier had French on 963 so Tunisia and also the Iran jammer on 1575. **Roy Barstow** – Falmouth – CAPE COD

April Hong Kong Ultralight DXpedition – All Loggings and MP3's (Gary DeBock via IRCA eGroup)

Our trip to Hong Kong from April 2-9 provided the chance to chase DX in one of the toughest environments on the planet. After 7 days of creative DXing 103 DX stations were received in Asia, Eastern Europe and Africa, including many which have never shown up here in North America. The great portability of the 7.5" loopstick CC Skywave SSB Ultralight was essential in getting away from RFI, overcrowded beaches and towering skyscrapers, which was the key to tracking down a good variety of DX despite the notoriously tough challenges.

Thanks to all who provided assistance in identifying the stations and languages recorded during this trip, especially the Finnish DXers on Real DX like Mauno, Jari S. and Jari L. With 6 major Southeast Asian languages and 5 major Chinese dialects, chasing DX in Hong Kong will give any hobbyist a serious dose of humility!

- 531 **CHINA** Zhejiang RGD synchros. Rapid-paced female Mandarin speech slowly losing out to Taiwan's music program at 1623 on 4/6; this lady's voice matches that of a 531 Chinese UnID recorded in Poipu, Hawaii under JOQG, pretty much solving the mystery
<https://dreamcrafts.box.com/s/yky03ppbd1i7janb9ync2ga34nkp4unh>

- PHILIPPINES** DZBR, Batangas, 10 kW. All alone at good level with TOH routine and "DZBR, Bible Radio" ID at 38 seconds at 1200 on 4/2; this was the dominant 531 station in the HK apartment during the evening <https://dreamcrafts.box.com/s/3jbfza194lc4dejwztj3nj8lid2gymwk>
- TAIWAN** BED34 ("I Go 531"), Tacheng, 10 kW. Good level with TOH routine during daytime DX at HK's Cape D'Aguilar at 0800 on 4/6, including multiple "I Go" IDs and mention of Taipei over a weak co-channel (probably DZBR) <https://dreamcrafts.box.com/s/r78bqv1i1qibrs6eu75ziylomf2bu5n>
- THAILAND** Radio Thailand, Maha Sarakham, 25 kW. Dominating the frequency over an UnID Chinese (apparently Zhejiang, not Taiwan) during sunset skip on the Hong Kong waterfront at 1308 on 4/7 (thanks to Ken Alexander of Thailand for language identification) <https://dreamcrafts.box.com/s/wruzkxfmgn11dc12uf7gj1t0nydlmq1>
- 540 **CHINA** CNR1, Danzhou, Hainan? Chinese opera //639 mixing with female Thai from Bangkok at 1310 on 4/7; CNR1 is a daytimer at Hong Kong's Cape D'Aguilar, presumably from the 10 kW Danzhou, Hainan transmitter <https://dreamcrafts.box.com/s/i1m9bmnvlpae7bicn0j5zbk7il94hte4>
- PHILIPPINES** DZWT, Baguio, 10 kW. Mixing with CNR1 during daytime DX at Hong Kong's Cape D'Aguilar at 0754 on 4/6, with a strong "DZWT" ID at 9 seconds; because of the overwhelming strength of CNR1, this was only received at Cape D'Aguilar <https://dreamcrafts.box.com/s/kt8r8aeoobpkcshgsb88sqnwuyipddi2>
- THAILAND** Yan Kraw, Bangkok, 5 kW. Thai female speech building up strength against CNR1 at 1310 on 4/7 (thanks to Jari Savolainen for language identification) <https://dreamcrafts.box.com/s/rvp67o0ezkjuvuzrprodkwo3s6sxytv0>
- 549 **CHINA** CNR5, Fujian, 1200 kW. Daytime DX signal with female speech in Chinese dialect into HK's Cape D'Aguilar at 0803 on 4/6; the weak co-channel was identified by Alan Davies as VOV-2 from My Hao, and as such was the only Vietnamese daytime DX station received in Hong Kong <https://dreamcrafts.box.com/s/eqcne7yrac1ovms9hrlphomnt7jb78hd>
- VIETNAM** Voice of Vietnam-2, My Hao, 200 kW. Vietnamese opera and male Vietnamese speech at overwhelming level on the Hong Kong waterfront at 1313 on 4/7; this station was the only Vietnam daytimer showing up at Hong Kong's Cape D'Aguilar. The weak co-channel at 1:08 was possibly the 1200 kW CNR5, also a daytimer at the Cape. Thanks to Jari Savolainen for Vietnamese language identification <https://dreamcrafts.box.com/s/9b46fabrtb3ri8wrzja5pl2nfaobrb9>
- 558 **PHILIPPINES** DZXL, Pasig, 40 kW. Male Tagalog speech breaking through local 567 splatter at 1209 on 4/2 <https://dreamcrafts.box.com/s/4uo2idor15z2uk7gh39bevavavz4qvqc>
- 567 **HONG KONG** RTHK-3, Golden Hill, 20 kW. English format local station at overwhelming strength with 6-pip TOH routine at 0600 on 4/3 during a daytime DX trip to Macau (50 miles west of HK) <https://dreamcrafts.box.com/s/sa65kixhe4fi7ejutkhd145x5znyma9v>
+The normally English local station was broadcasting a Nepali program at 1317 on 4/7, causing serious confusion during sunset skip DXing on the Hong Kong waterfront. Thanks to CK Raman, Jari Savolainen and Ken Alexander for sorting out the language and station identity of RTHK-3 in Nepali <https://dreamcrafts.box.com/s/v429uic14cwinjce8op1slh9wn7up3em>
UnID From 25 seconds to 45 seconds in the above recording attempts were made to null out RTHK, resulting in a co-channel with a male voice, possibly from the 200 kW Lao station (although 567-LNR is not parallel with 585-LNR, so there was no way to be sure) <https://dreamcrafts.box.com/s/v429uic14cwinjce8op1slh9wn7up3em>
- 585 **CHINA** Southeast BC, Fuzhou, 200 kW. Daytime DX signal into HK's Cape D'Aguilar at good strength at 0805 on 4/6; this Taiwan-directed station often features a female speaker with a soothing voice <https://dreamcrafts.box.com/s/iq13nczbk8jucylj87d1hvbr19vdlqo>
+Female Chinese speech mixing with LNR's music at 1321 on 4/7, most likely from China Southeast BC in Fuzhou (a daytimer at HK's Cape D'Aguilar) <https://dreamcrafts.box.com/s/a3is6xznwxg1o3elviga7hi8tmudea7y>
- LAOS** Lao National Radio, Savannakhet, 20 kW. Distinctive female vocal music and Southeast Asian dialect received during sunset skip on the HK waterfront at 1329 on 4/7 was identified by the wife of Thailand's Ken Alexander (a native speaker) as being "Phu Thai," spoken only in the central border region of Laos and Thailand (where this LNR regional station is located), and not in the north and south parts of Thailand (where the two Thai stations on 585 are located). The distinctive multi-toned instrument in the music was also heard on 705 kHz in another recording, but 702-China was too strong to receive any other details at the time <https://dreamcrafts.box.com/s/yp6kifjzb7b4510n0b7657imo98p3ce>
- UnID-Chinese** Two overlapping Chinese TOH routines received at good strength at 1700 on 4/6; according to PAL Southeast BC in Fuzhou signs off at 1650, so these two stations are a mystery – any ID help? <https://dreamcrafts.box.com/s/w6p8dmhtge9yh1wl82mjn5ozo10mryrsu>
- 594 **TAIWAN** Fu Hsing BS (multiple Taiwan stations). Female Chinese speech at overwhelming level during daytime DX at HK's Cape D'Aguilar at 0807 on 4/6; the weak co-channel is possibly DZBB in Quezon City <https://dreamcrafts.box.com/s/9dmzar3h2typo4m8ifuf41xygagnyx6u>
+The dominant station at the beginning of this Hong Kong waterfront recording at 1336 on 4/7 (over Voice of Vietnam's male monotone) was tough to figure out, but it's most likely a Chinese dialect from this Taiwan broadcaster, a daytimer at HK's Cape D'Aguilar – especially considering that Babul Gupta says that this is not Burmese from Radio Myanma. There is also a music station in the three station mix, which could be the UnID Filipino station also showing up as a daytimer at HK's Cape D'Aguilar <https://dreamcrafts.box.com/s/epl64nixw7fly2xyp7rwzgi9dtekhbjm>
- VIETNAM** Voice of Vietnam-1, Danang, 50 kW. Opera and male Vietnamese speech at overwhelming level at 1339 on 4/7; thanks to Mauno for language identification <https://dreamcrafts.box.com/s/d3s6l2ty9s69nien33tjvgmio75lbnh>
- UnID-Philippines** Daytime DX co-channel under Taiwan's Fu Hsing BS at HK's Cape D'Aguilar at 0807 on 4/6; although no identity clues seem apparent, DZBB in Quezon City would follow the Filipino reception pattern at the Cape <https://dreamcrafts.box.com/s/9dmzar3h2typo4m8ifuf41xygagnyx6u>
- 603 **CHINA** CNR1, Shaoguan, 10 kW. As the only Guangdong CNR1 transmitter on the frequency this was presumably the source of the CNR1 identification under CRI's Vietnamese program at 13 seconds into this recording at 1211 on 4/2 <https://dreamcrafts.box.com/s/0n18sag6y5gvnoaepdm733ygc5wr564>
- CHINA** CRI, Dongfang, 300 kW. Dominant on the frequency every evening with its Vietnamese program, such as 1211 on 4/2 (over CNR1) <https://dreamcrafts.box.com/s/0n18sag6y5gvnoaepdm733ygc5wr564>
- PHILIPPINES** DZVV, Vigan, 5 kW. "Bombo Radio" all alone with powerful strength as a Cape D'Aguilar cliff daytime DX signal at 0809 on 4/6; thanks to Jari L for ID assistance <https://dreamcrafts.box.com/s/2jwzcor80g63evbe1760ge1srinedvr>
- 610 **VIETNAM** Voice of the People of Ho Chi Minh City, Ho Chi Minh City, 50 kW. Strange Vietnamese program on a strange frequency; an elderly male speaker (war veteran?) apparently tries to keep old memories alive. Completely dominant over the 612 stations on the Hong Kong waterfront at 1350 on 4/7, and causing a huge 2 kHz het on the 612 frequency. Maybe the holdout 610 frequency is part of the Vietnam War memory, and they don't want to change it? <https://dreamcrafts.box.com/s/seicka9zarlfht3o7xlagiwm896psxn>
- 612 **CHINA** Zhuhai Diantai, Zhuhai, (power unknown). This Mandarin/Cantonese format station is a semi-local next to Macau, where it was at overwhelming strength at 0610 on 4/4 with various "High FM" ID's by a Mandarin-speaking lady with a soft, whispering voice <https://dreamcrafts.box.com/s/trqclqlz7ha4g2c06ehp38y616e0ax4y>
- UnID-China** Male Mandarin speech under Zhuhai Diantai's Cantonese around the 1 minute point in this recording at 1216 on 4/2; possibly Guangdong RGD in Chaozhou (closest to HK) <https://dreamcrafts.box.com/s/ssi0my9q7vww7kfs6aeg9uca6irz2hik>
- UnID-Philippines** Weak daytime DX signal with non-Chinese intonation and music under Zhuhai Diantai at HK's Cape D'Aguilar at 0810 on 4/6; no ID clues, but the pattern of daytime propagation to the Cape would indicate DWSP <https://dreamcrafts.box.com/s/7k9hbpikvmv20c24plxoo3sgxsqz93w9>
- 621 **HONG KONG** RTHK Mandarin, Golden Hill, 20 kW. Pesky local station that defied all attempts to track down a co-channel. Its typical strength was recorded at the Macau waterfront during daytime DXing at 0614 on 4/4 <https://dreamcrafts.box.com/s/0hq7e14r8sfoegythppaclhretfgzp>
- 630 **TAIWAN** Taiwan BC, Sungling, 10 kW. Always the dominant 630 kHz station in HK, this extended recording on the Macau waterfront during daytime DXing at 0617 on 4/4 features a couple of Taiwan music recordings and Chinese dialect speech (it was never heard in Mandarin) <https://dreamcrafts.box.com/s/dhbjf60osxcirh21bet3f5zjecwuluy>
- UnID** Music station under Taiwan BC during sunset skip DXing on the Hong Kong waterfront at 1355 on 4/7; with good propagation to Bangladesh the musical style sounds like it could be the 100 kW Bangladesh (B) station, but since it's not //693 there was no way to be sure <https://dreamcrafts.box.com/s/8nlh9b0m1ot2yiw6ztamm9251jd8z82>
- 639 **CHINA** CNR1 synchros. Dominant over an UnID music station on the Hong Kong waterfront during sunset skip DXing at 1402 on 4/7 <https://dreamcrafts.box.com/s/c43ndx6xwe5dv5qo1mlanpby4lzs4af>
- PHILIPPINES** DZRL, Batac, 1 kW. Ideally positioned at the northern tip of Luzon, this low powered Tagalog station managed a pretty decent daytime DX signal across hundreds of miles to the Macau waterfront at 0625 on 4/4 <https://dreamcrafts.box.com/s/dpba9dxd311gds3t5eplr5dmm26rkcs5>
- UnID** Music station under CNR1 on the Hong Kong waterfront during sunset skip DXing at 1402 on 4/7; DZRL is possible but unlikely, since its 1 kW signal was usually gone after local sunset <https://dreamcrafts.box.com/s/c43ndx6xwe5dv5qo1mlanpby4lzs4af>
- 648 **CHINA** Guangdong Weixing Guangbo, Guangzhou, 50 kW. Semi-local with male speech format, this Mandarin blaster was usually dominant on the frequency as at 1406 on 4/7 at the Hong Kong waterfront, but occasionally had some competition <https://dreamcrafts.box.com/s/g6bo9rlt4r2ai2u01fmg7tloxbsdku>

- TAIWAN** BCC (N), Taipei, 20 kW. A daytimer under Guangzhou at Hong Kong's Cape D'Aguilar, occasionally this Chinese dialect station would become dominant, such as at 1225 on 4/2. The lady's distinctive, excited voice from 3 seconds to 18 seconds was matched to a Poipu, Hawaii recording on 630, finally solving a long running identity mystery <https://dreamcrafts.box.com/s/0ftd4h60un212zsswmoqgugtvnhmaviv>
- UnID-English** Guangdong Weixing Guangbo was nulled out on the Hong Kong waterfront from 40 seconds to 60 seconds in this recording at 1406 on 4/7, resulting in an English language station making mention of South Africa. Maybe AFN Okinawa, or one of the Philippine stations?
<https://dreamcrafts.box.com/s/g6bo9rlrt4r2ai2zu01fmg7tloxbdsdu>
- 657 **DPR KOREA** Pyongyang BS, Kangnam, 1500 kW. The only Korean station to show up (weakly) in Hong Kong, the distinctive female vocalist and dreary orchestra managed to sneak in under Cheng Sheng BC shortly after local midnight at 1648 on 4/7. All the other North and South Korean stations were MIA throughout the week <https://dreamcrafts.box.com/s/qn91ma8bflqrhfrt6jbnno2khmdxxgf3>
- TAIWAN** Cheng Sheng BC, Taichung, 20 kW. Awesome daytime DX signal in presumed Taiwanese across hundreds of salt water miles on Hong Kong's Cape D'Aguilar ocean cliff at 0841 on 4/6, with mention of Taiwan by female announcer at 13 seconds. This was typically the dominant 657 station in HK, although VoV usually prevailed around sunset <https://dreamcrafts.box.com/s/0w74sgghm2uyj7oyt3yecklcqke8dl3la>
- VIETNAM** Voice of Vietnam-1, Quan Tre, 100 kW. Female Vietnamese speech and martial music at good level over a presumed Cheng Sheng BC on the HK waterfront during sunset skip at 1408 on 4/7 <https://dreamcrafts.box.com/s/8f0muymaxfuahe8k72dqh9mk921zj1>
- 666 **PHILIPPINES** DXRP, Davao, 10 kW. This distinctive female Tagalog speech at 1409 on 4/7 (through local 675 splatter, during HK waterfront sunset DXing) was matched to that of a Poipu, Hawaii 954 UnID recording, determining that both were from the Philippine BC Service network
<https://dreamcrafts.box.com/s/yjvugbs7ytdqb19kzbosanct2gq111p9>
- 675 **HONG KONG** RTHK (6), Peng Chau, 10 kW. Local pest in Mandarin had a lot of its signal blocked by the Cape D'Aguilar ocean cliff at 0825 on 4/6, allowing Taiwan's Cheng Sheng to sneak through underneath <https://dreamcrafts.box.com/s/w5xeg2ajhimo3uy15feeuiogyejm30m7>
- TAIWAN** Cheng Sheng BC, Peikang, 5 kW. Breaking through under local RTHK-6 in a remarkable demonstration of Cape D'Aguilar's ocean cliff effectiveness, the 5 kW Taiwan station manages a pretty good signal in apparent Taiwanese over hundreds of salt water miles during daytime DX at 0825 on 4/6. This overachieving station was also received in Poipu, Hawaii in November
<https://dreamcrafts.box.com/s/w5xeg2ajhimo3uy15feeuiogyejm30m7>
- 684 **CHINA** CRI, Dongfang, 300 kW. Cambodian (Khmer) service was dominant on the Hong Kong waterfront at S9 level during sunset skip DXing at 1413 on 4/7, with the website address given by the lady announcer from 1 to 3 seconds; minor 675 local splatter
<https://dreamcrafts.box.com/s/fcu6c6daqm9dlvpulus8o9i2w98kdxwi>
- UnID** Lady in an unknown language (doesn't sound Chinese) at a fairly good level under CRI in the latter part of the above recording at 1413 on 4/7 on the HK waterfront; any SE Asian language experts? <https://dreamcrafts.box.com/s/fcu6c6daqm9dlvpulus8o9i2w98kdxwi>
- 693 **BANGLADESH** Bangladesh Betar, Dhaka, 1000 kW. Dominant with exotic music and awesome S9 signals during sunset skip DXing on the HK waterfront at 1334 on 4/7 <https://dreamcrafts.box.com/s/aejavy4iam2hvmmgoc7ge6b82imx7dop>
- +The usual female announcer is featured from 12 to 24 seconds in this recording (over an UnID female speaker) at 1336 on 4/7
<https://dreamcrafts.box.com/s/qs2bieuguma2xzu2rvec0kaplv1vxd1>
- +The exotic station's 1400 TOH on 4/7 (at 1:55 into the recording) doesn't feature the 6 pips heard in an April 2018 Cook Island recording, so they apparently have been phased out. An UnID Chinese co-channel seems to be hanging around at the TOH
<https://dreamcrafts.box.com/s/va3i98g46uk1yz68qzkrqb0k5duyg8v4>
- +At 1415 on the same evening the usual male and female announcers have put the music aside and are discussing some topic (still at an S9 level)
<https://dreamcrafts.box.com/s/pp0an54417mfj6veor767fh1ik8wwsik>
- TAIWAN** Han Sheng BC synchronos. Strong daytime DX signal with energetic Chinese opera on HK's Cape D'Aguilar at 0827 on 4/6
<https://dreamcrafts.box.com/s/xzt63rshqcr648lzx9xj94ff6woqkaz2>
- UnID-Philippines** Weak Macau daytime DX co-channel under Han Sheng BC at 0635 on 4/4; the Chinese stations are out of daytime DX range
<https://dreamcrafts.box.com/s/xf5xusnz0k80mbch9w834ktsini9cezm>
- 702 **CHINA** Zhuhai, Zhuhai, (power unknown). S9+ signal in Mandarin from this Mainland semi-local during Macau daytime DXing at 0636 on 4/4; this signal would fizzle after sunset, allowing DXAS and VoV to dominate <https://dreamcrafts.box.com/s/uebzspe8by9w3ze3067ybf6gup58pgx>
- PHILIPPINES** DXAS, Valenzuela, 50 kW. FEBC broadcast in Tagalog at S9 level over Zhuhai at 2210 on 4/6 during sunrise session; this station has frequent accented English speech <https://dreamcrafts.box.com/s/5g56fu5fbytyasbky3etb8hss8j62db7>
- VIETNAM** Voice of Vietnam-2, Danang, 50 kW. Male Vietnamese speech at good level //729 on the Hong Kong waterfront at 1420 on 4/7 with multiple mentions of Vietnam; the 729 parallel is included during the last 7 seconds <https://dreamcrafts.box.com/s/ffigny1ryhjmpdghtvleoqbnqy3k3n3>
- 711 **TAIWAN** Voice of Kuanghua, Hsinfeng, 250 kW. This is a major Mainland-directed propaganda station in Taiwan, but during daytime DXing in both Macau and HK's Cape D'Aguilar it couldn't hold the frequency down over an UnID Filipino station. This Macau recording at 0637 on 4/4 has a Tagalog radio drama dominant over Kuanghua's Chinese <https://dreamcrafts.box.com/s/pn0nv6bbaadt6ahobq6s14d82krhaj7>
- VIETNAM** Voice of Vietnam-1, Can Tho, 500 kW. Strong signal with female Vietnamese speech on the HK waterfront at 1425 on 4/7; generally dominant over Kuanghua after sunset <https://dreamcrafts.box.com/s/ue2modz1ihqtzw72b5kzauri5k6mpsvb>
- UnID-Philippines** Dominating the frequency around local noon in Macau with Tagalog radio drama at 0637 on 4/4, the 10 kW DZVR in ideally-positioned Laoag city (on the northern tip of Luzon) would seem like the most likely possibility over hundreds of salt water miles
<https://dreamcrafts.box.com/s/pn0nv6bbaadt6ahobq6s14d82krhaj7>
- 720 **PHILIPPINES** DZSO, San Fernando, 5 kW. Weak but all alone around local noon in Macau at 0640 on 4/4, this recording features a Tagalog-speaking lady with an energetic "Radio Bombo" ID at 23 seconds <https://dreamcrafts.box.com/s/vdjoibaihbf65bgzobh948y871jxwgf5r>
- TAIWAN** BCC, Taichung, 10 kW. Dominant with Chinese female speech through 518-NAVTEX noise at HK's Cape D'Aguilar at 0830 on 4/6, for some reason this station was a no show in Macau, where DZSO was the only (weak) signal
<https://dreamcrafts.box.com/s/1ya16wh49lpmasypvjxn3xq4k9h5tnfk>
- UnID-Chinese** Male-female Chinese speech on the HK waterfront during a sunset skip session at 1428 on 4/7; unknown if this is BCC or a mainland station (CNR2 in Fujian?) <https://dreamcrafts.box.com/s/vqjlx2cmwo8bz915qylmg8iaxkvtz7wp>
- UnID-South Asian Music** Another HK waterfront signal after local sunset with female Hindi-type vocal music dominant on the frequency at 1426 on 4/7. No identifying details, but AIR in Chennai would be in propagation at the time <https://dreamcrafts.box.com/s/0gfknh9ewvwr0cbtnbv2jmklg3bcfifz>
- 729 **CHINA** Jiangxi RGD synchronos, Jiangxi. Poorly coordinated network with multiple Chinese echoes during HK waterfront DXing at 1429 on 4/7
<https://dreamcrafts.box.com/s/3djvzjqnrztpc3ym4pkyw4pyx0e7b1s>
- JAPAN** JOCK, Nagoya, 50 kW. Japanese female speech at modest level during an early morning session at 1911 on 4/7; oddly enough, this was the only reception of Japan during the entire Hong Kong trip <https://dreamcrafts.box.com/s/l1o9cus8r96n3huv75w9itnde8v549ol>
- VIETNAM** Voice of Vietnam-2, Dong Hoi, 200 kW. Male Vietnamese speech //702 dominant over Jiangxi synchronos and UnID music during HK waterfront DXing at 1430 on 4/7; the 702 parallel is included from 12 to 24 seconds <https://dreamcrafts.box.com/s/84jlprrpl7st87i3i8gv2tih7aki9gd>
- UnID-Asian** Female vocal music continuing through Jiangxi's Chinese and Voice of Vietnam's Vietnamese speech during sunset skip DXing on the HK waterfront at 1431 on 4/7; the 100 kW Myanma Radio would seem like a strong possibility
<https://dreamcrafts.box.com/s/6uamzuthim1cy4j2otr1944trdug6ab>
- 738 **TAIWAN** BEL2, Penghu, 100 kW. The west coast TP regular blasted in during daytime DX in both Macau and HK's Cape D'Aguilar, managing one of the most overwhelming signals ever received over hundreds of miles in bright daylight. The HK cape signal with female vocal music at 0845 on 4/6 was so strong it was throwing splatter on 729 and 747, and features the 1143-BEL3 parallel from :52 to 1:39 (which was even a shade stronger)
<https://dreamcrafts.box.com/s/7311nkfw91uc13pc2vd2cw69kki91g6g>
- +The same prolific station was potent on the Macau waterfront as well at 0648 on 4/4, managing this 7-minute stretch of Taiwan Fisheries' diverse programming around local noon <https://dreamcrafts.box.com/s/nrlqundwtcgak1vn91e0649u7yb58ngy>
- UnID-Chinese** Two Mandarin Chinese stations mixing together at good strength at 1612 on 4/6, one of which is surely BEL2 from Taiwan (likely the one with pop music, building up strength). As for the male speaker starting off the recording, there are many Mainland possibilities but seemingly no identity clues. The 2 kHz heterodyne is almost certainly from the no-show 740-Voice of Vietnam-2
<https://dreamcrafts.box.com/s/50398exipewc6vuyanzw2o6e7fmcvwzwz>
- 747t **CHINA** CNR1, Shanwei (Guangdong), 10 kW. Seemingly the most likely source of this Macau daytime DX signal //756 around local noon at 0652 on 4/4; there is a weak UnID showing up late in the recording, possibly the station showing up under CNR1 at HK's Cape D'Aguilar (below)
<https://dreamcrafts.box.com/s/22n1gpv3elep64y7ck5w6l3akutdwfww>

- UnID-Mandarin Chinese** Fair strength female voice under CNR1 at HK's Cape D'Aguilar at 0839 on 4/6; probably Guangdong RGD in Zhanjiang
<https://dreamcrafts.box.com/s/4z87mlrnj8b3jw12t85gw1bnq8lholbl>
- 756 **CHINA** CNR1, Zhuhai (Guangdong), 50 kW. Macau daytime DX semi-local had an overwhelming signal over a weak UnID around local noon at 0655 on 4/4, unlike the wild situation on this frequency at HK's Cape D'Aguilar <https://dreamcrafts.box.com/s/kng3vmpj6k3h2sobxhpbm6uw6jolcdy1>
UnIDs-Chinese This frequency was a madhouse during daytime DX at HK's Cape D'Aguilar at 0841 on 4/6, with the Zhuhai CNR1 station greatly reduced by the solid rock cliff. Taiwan's 20 kW Cheng Li chih Sheng is almost certainly in the wild mix, but since China only has CNR1 on this frequency, two of the stations are likely to be poorly synchronized CNR1 relays with the same (but delayed) programming
<https://dreamcrafts.box.com/s/k7l85rbt7xmwsk5oibdw3vypkdg2gr2>
 +Another wild mix at 1523 on 4/4, featuring at least two male Chinese speakers from different stations and an UnID music broadcaster. 600 kW CNR5 from Fujian is likely in the mix, as well as Shaoguan RGD in Guangdong. There are no clues from the music station, but four Philippine stations are on the frequency <https://dreamcrafts.box.com/s/bokzjlytegtptzntd1hhcq5iky87xnw>
- 774 **UnIDs-Taiwan** Two apparent Taiwan stations mixing together (one with Chinese music and the other with female speech in a Chinese dialect) during daytime DX at HK's Cape D'Aguilar at 0843 on 4/6, with some minor splatter from 783 local as well. With three Taiwan stations on the frequency and no apparent identity clues, these two will probably remain a mystery <https://dreamcrafts.box.com/s/wx4myuteuw223d3mkplje3whreq1r5ql>
- 783 **HONG KONG** RTHK (5), Golden Hill, 20 kW. Powerful local blaster with Cantonese Chinese opera at 1528 on 4/5
<https://dreamcrafts.box.com/s/oxjyve1j4yz0lq72oyun8tu5s56sngkb>
 +Female speech in Cantonese during daytime DXing at HK's Cape D'Aguilar at 0844 on 4/6; some Chinese opera music is in the background, but unclear if this is a co-channel (the 600 kW station 783-Voice of Strait is within daytime DX range at Fujian)
<https://dreamcrafts.box.com/s/4l7loxnmzofj2ays5j9d29jw00vgsvf>
- 792 **UnID-Chinese** Mystery station at good strength with male Mandarin speech at 1630 on 4/6; this station failed to show up during daytime DXing in 783 splatter, so it could be either Taiwan or the Mainland (multiple possibilities) <https://dreamcrafts.box.com/s/21demzb0xlpf14is3vg9o7tkah8hdzjr>
- 801 **TAIWAN** Voice of Kuanghua, Kuanyin, 250 kW. Mainland-directed propaganda blaster with excellent signal during daytime DX at HK's Cape D'Aguilar at 0845 on 4/6; apparent radio drama in a Chinese dialect <https://dreamcrafts.box.com/s/t9d3402tiizs06cf9edj4mxou37h8ez>
- 810 **TAIWAN** Kuo Sheng BC, Changhua, 10 kW. Another excellent Taiwan signal with female speech in Chinese dialect during daytime DX on HK's Cape D'Aguilar at 0847 on 4/6; this station had a strong presence day and night <https://dreamcrafts.box.com/s/gm2cwf4uwe23ah54vxfqgsgnsnex049c>
UnID-China Female Mandarin speech mixing with dominant music from Taiwan's Kuo Sheng BC at 2128 on 4/8; only heard once during sunrise DXing
<https://dreamcrafts.box.com/s/b69ftfofe70yctmikip4rqogynois74w4>
- 819 **UnID-Taiwan** Weak male Mandarin speech during daytime DX at HK's Cape D'Aguilar at 0850 on 4/6; this sounds more like a news format from BCC than Cheng Sheng's typical Taiwanese <https://dreamcrafts.box.com/s/o62h3jkgvng6h2x3xae4wb01z7rhucq2g>
- 909 **CHINA** CNR6, Quanzhou, 300 kW. Taiwan-directed classical music blaster dominant at 1656 on 4/6; weak co-channel underneath at times
<https://dreamcrafts.box.com/s/s9478trdebt9911fiq2hrwfbw31ckf5u>
UnID-Asian Weak male-voiced speech and music under CNR6 at 1656 on 4/6; the music would indicate VoV as a good possibility
<https://dreamcrafts.box.com/s/s9478trdebt9911fiq2hrwfbw31ckf5u>
- 918 **CHINA** Shandong synchros. The Shandong network synchros are not well coordinated, with the 5+1 pips at 1700 on 4/5 (from 5 seconds to 11 seconds in the recording) not in unison <https://dreamcrafts.box.com/s/8l8m69qada9jy5a7vk3bnqvdrn6q6eys>
 +Rarely competitive with Radio North Korea, one very brief moment of superior strength was at 1627 on 4/6
<https://dreamcrafts.box.com/s/5kwmr6avvrnk064ijnchz915033c7ciz>
- KAMPUCHEA** Radui North Korea, Phnom Penh, 600 kW. This was the S9 sign off message (with a new format National Anthem) at 1659 on 4/3, preceded by typical Kampuchean music <https://dreamcrafts.box.com/s/8f29q278jckhwlkx14d1pj7pphropq7>
 +Typical Kampuchean female vocal music at a strong level (over Shandong) at 1639 on 4/5
<https://dreamcrafts.box.com/s/axpamu4xt5fjq4znpznqxc1flht3fvk>
 +Kampuchean female speech at S9 level over Shandong during HK waterfront DXing at 1301 on 4/7
<https://dreamcrafts.box.com/s/vn5fokytk3qdt1yr2fnnj3zci1nzcrg>
 +Far and away the dominant 918 station in Southeast Asia, with Shandong a poor second. Excellent recordings of both the 2200 sign on message and the 1700 sign off message were made in HK, with lots of S9 signals in between. This was the sign on message at 2200 on 4/8
<https://dreamcrafts.box.com/s/wye9lgn73xnhwc6krylj70wh9uv3dez>
- 936 **TAIWAN** Voice of Han BC, Taoyuan, 5 kW. Based on this network's programming on other frequencies, this is most likely the dominant male voice in a non-standard Chinese dialect at 2119 on 4/8 <https://dreamcrafts.box.com/s/3z18uwfev8alhgs7ohob0cx83fkywlyh>
UnID-Chinese Female Mandarin speaker at a weak level under Voice of Han at 2119 on 4/8; most likely a Mainland station
<https://dreamcrafts.box.com/s/3z18uwfev8alhgs7ohob0cx83fkywlyh>
- 990 **TAIWAN** Cheng Sheng BC, Taichung, 20 kW. Presumed the male speaker in a non-standard Chinese dialect at 1837 on 4/7 (early morning in HK)
<https://dreamcrafts.box.com/s/3jt0ppq29d7emczbpyzqpg8vbmlvmtgk>
- 999 **TAIWAN** Tien Nan BC, Taipei, 1 kW. With female speech in likely Amoy dialect at 1841 on 4/7 (Hong Kong's early morning), this is likely the 24 hour station showing up at a modest level when others should be silent <https://dreamcrafts.box.com/s/gt66p5fxtk4vppvq00hte307dmm20k3n>
- 1134 **CHINA** Zhejiang Zhi Sheng synchros, Zhejiang. Non-CNR1 format with moderate echoes during sunrise session at 2122 on 4/8
<https://dreamcrafts.box.com/s/m4yz57g52vrhie1f225m3647r2qkg4ss>
- 1143 **TAIWAN** BEL3 (Yuyeh BS), Penghu, 100 kW. Awesome signal over hundreds of miles in bright daylight at HK's Cape D'Aguilar at 0836 on 4/6; this was the strongest Taiwan station during daytime DXing in HK <https://dreamcrafts.box.com/s/cq408aemu5zlj2ew8j0cme03nrckecjb>
 +Repeated marine weather forecast by female announcer at usual S9+ level at 1615 on 4/6 (shortly after local midnight)
<https://dreamcrafts.box.com/s/5gmkbsl7mdtsgpgk003ckd4maeoqypr>
- 1233 **TAIWAN** Chung Hua BC, Juifang, 1 kW. Distinctive Taiwan pop music dominant over UnID during early morning DXing at 1856 on 4/7
<https://dreamcrafts.box.com/s/hpxoa5gdyq04zlj67v0b7gf5sqiw81ba>
UnID-Asian Male speaker in SE Asian language dominant at the end of this recording; I'm fairly sure this is Thai, but with two Thai stations on the frequency the identity remains a mystery <https://dreamcrafts.box.com/s/hpxoa5gdyq04zlj67v0b7gf5sqiw81ba>
- 1413 **OMAN** BBC World Service, A'Seela, 800 kW. A mystery horse race (in English) over the Jianguo co-channel at 1627 on 4/6 was solved by awesome detective work by Mauno and Andrew Brade, who determined it was the BBC broadcasting the Grand National race over the 1413-Oman relay
<https://dreamcrafts.box.com/s/a1b9iegaqfj0l95ghsi1v0xjris4xr8b>
 +This powerful Middle East blaster was typically dominant over the Jianguo co-channel in the early morning in HK. This strong recording in Pashto was made at 1827 on 4/7 (thanks to CK Raman for language and station identification)
<https://dreamcrafts.box.com/s/r79i0pb5n1u8empa0pmdpwnq3o8ozx>
- 1413 **CHINA** Jianguo RGD synchros. Dominant over a rising BBC (with special horse racing) at 1626 on 4/6
<https://dreamcrafts.box.com/s/4v7yggkurhg3nkmi339s5ek39u3sr3ear>
- MOLDOVA** Vesti FM, Grigoropol, 500 kW. One of two Moldovan stations showing up at peak sunrise enhancement on a 7.5 inch loopstick, this was the first long range station received in Hong Kong. At 2206 on 4/6 Russian speech and conversation was received at a modest level without any Chinese interference around local HK sunrise (thanks to Dmitry and Mauno for language identification)
<https://dreamcrafts.box.com/s/38vm67oda2jysgwlybvn03ra0etnrakv9>
- 1413 **UnIDs-Chinese** Two Chinese stations (one strong and one weak) mixing together at 2122 on 4/8; one of these is probably the Jianguo station, dominant in the evening in HK <https://dreamcrafts.box.com/s/o1wxaoe3eaf6051h4fi2l8qbyj7i001r>
- 1431 **DJIBOUTI** Radio Sawa, Djibouti (east Africa), 600 kW. An early morning surprise at 2141 on 4/7 (based on a Japanese tip), music from this long range station actually fought it out with the Chinese co-channel for almost 5 minutes until a clear, female-voiced "Radio Sawa" ID was heard in Arabic at 4:59 into this recording (thanks to Bill and Chuck for language and station ID) <https://dreamcrafts.box.com/s/ktcgc5i4lixvgrh7ef8a1ueur14i98kh>
UnID-China Mandarin pest which typically made it rough to chase DX around sunrise – mixing with Djibouti in the above recording (most likely the 24 hour Fujian RGD) <https://dreamcrafts.box.com/s/ktcgc5i4lixvgrh7ef8a1ueur14i98kh>
- 1449 **UnID-China** Strong signals from this mystery music station at 2156 on 4/8, shortly before local sunrise in HK
<https://dreamcrafts.box.com/s/hh75dnqdflet9jm5fvqlarpi6yafbns>
- 1494p **TAIWAN** Educational BC System, Taizhong, 10 kW. Presumed the one with American English male speech at 2134 on 4/8 over a weaker co-channel (which may also be in English) <https://dreamcrafts.box.com/s/hfg28y75eIndpsvlbpc923yiqpk1i3x>

- UnID** Weaker co-channel mixing with Educational BC in Taiwan at 2134 on 4/8; seemingly with English intonation
<https://dreamcrafts.box.com/s/hfg28y75elndpsvibpbc923yiqpk1i3x>
- 1512 **CHINA** Jinan Gushi Guangbo, Jinan. Heard prior to 2200 on 4/6, this is the only Chinese station on the frequency that should be operating prior to 2200
<https://dreamcrafts.box.com/s/0okmnp2r96qbhbckzxe6my06lg6kj2wo>
- PHILIPPINES** DZAT, Lucena, 10 kW. Presumed the one with Christian music format over a Chinese co-channel at 2202 on 4/6
<https://dreamcrafts.box.com/s/0okmnp2r96qbhbckzxe6my06lg6kj2wo>
- 1530 **PHILIPPINES** DZME, Quezon City, 25 kW. The booby prize for the worst transmitted audio in Southeast Asia goes to this fine broadcaster, the only Filipino on the frequency. This garbled Tagalog was received at 2153 on 4/7 <https://dreamcrafts.box.com/s/expgthmcwzb45y9txl4pt6dk7vyi124u>
- UnID-China** Top of the hour ID at 2200 on 4/6; possibly clear enough for a native speaker to decipher
<https://dreamcrafts.box.com/s/d7mbl5fhnxl33xdzdkpqnunujbm6w>
- UnID-China** Mandarin language music at 2155 on 4/7; either Zhejiang or Jilin <https://dreamcrafts.box.com/s/ree5oous83eg9ruykscxobxf55mcp55c>
- 1548 **CHINA** Shandong RGD synchros. Poorly coordinated network sounded like a spooky Halloween movie at 1617 on 4/6
<https://dreamcrafts.box.com/s/a1jcsk4onxi0eg2clvrnop1e3ymshfqb>
- +Another recording of the garbled Shandong synchros at 2130 on 4/8 <https://dreamcrafts.box.com/s/nj3wmjiuzd13iddlqukc0dfcne6qnl77>
- MOLDOVA** TWR, Grigoriopol, 500 kW. The last of the long range recordings was made at 1903 on 4/7, about three hours prior to sunrise in HK. Presumed Bulgarian at a modest level, following a tip from Japanese friends <https://dreamcrafts.box.com/s/6vbkqauxw6l3bsa0t9fha5ewk8t0v4jy>
- 1593 **CHINA** CNR1, Changzhou, 600 kW. Dominant with music at 2147 on 4/8 shortly before HK sunrise over a weaker co-channel
<https://dreamcrafts.box.com/s/puun667bobxlnl8hy6187qq121sxxnv1>
- UnID-Chinese** Much weaker co-channel under CNR1, possibly Yuyeh BC in Taiwan
<https://dreamcrafts.box.com/s/puun667bobxlnl8hy6187qq121sxxnv1>

**DX at Menauhant Beach on 6-23-19 (via IRCA eGroup)
 Roy Barstow – Falmouth MA. Cape Cod**

6/25. This was the night of thunder, lightning, and rain. The screen capture shows a close lightning strike.

0030 – Antenna 135 Degrees

- 580 **PUERTO RICO** On top with talk.
 610 **BRAZIL** With a soccer game, in the mix.
 750t **ARGENTINA** Woman in Spanish – 2+1 pips.
 780 **WCKB** NC. S/off.
 1220 **UnID FL**, or maybe Cuba. Do Spanish speak to fast? Seems to me.
 1240 **WBAS** MA. Off tonight. 1240 just a jumble of stations.
 1309.687 Carrier.
 1539.993 1540.123 – Carrier.

0100 – 135 Degrees

- 750t **ARGENTINA** 5+1 pips and Spanish in the mix. 2+1 pips heard 0030.
 820t **ARGENTINA** Radio Nacional, 5+1 pips in the mix.
 1290.3 **BRAZIL** São Luis. Talk at stronger than 1290 most of file.

0130 – 160 Degrees

- 760 **BRAZIL** Portuguese talk. Under WJR.
 850 **UnID** 1+1 pips, a few words which sounded like Portuguese. Then 1 pip and 2 pips shortly after that. In the mix. USB.

0230 – 135 Degrees

- 830 **UnID** Spanish over WCRN end of the file. Tis the season.
 1510 **ECUADOR** Radio Naval. Time pips mid file but weak.

7/2. Still some drop outs due to storms in the area but the signals from deep South are getting stronger and this should be the norm as Summer sets in.

6-27-19 6x12 loop w/amp. FDM-S2

0000 – Antenna 135 Degrees

- 680 **PUERTO RICO WAPA**. Under Boston best USB.
 700 **BRAZIL** Radio Nossa Voz, São Paulo. Slow Portuguese talk and mention of Nossa often. On top on LSB. Under them 5+1 pips so presume Argentina.
 750 **BRAZIL** Man in Portuguese with mention of Sao Paulo and Brazil at times.
 760 **BRAZIL** Fortaleza. Maybe the station in after WVNE MA. S/off.
 810 **BRAZIL** Radio Verdes Mares, Fortaleza. Verdes Mares mentioned in a Portuguese talk. On top of others.
 860 **BRAZIL** Radio Cidade de Fortaleza, Maracanau. Thanks to RealDX for help with this station.
 940 **BRAZIL** Super RBV, Rio de Janiero. A woman saying, Super Radio twice. Then into talk and maybe a religious program. Under them unknown station with soccer.
 990 **UnID** With 5+1 pips in the mix. Not Spain as Europe weak this night. I suspect it was RCN Columbia LSB.
 1290.3 **BRAZIL** Good w/talk. Filter at 2.6 on 1291.475 first part of file.

0030 – 135 Degrees

- 610 **BRAZIL** Radio Itatiaia. Mixing with Cuba. Many stations from Cuba tonight.
 630 **UnID** under WPRO but not // to Cuba.
 670 **VENEZUELA** Radio Rumbos, Caracas. Lots of Radio Rumbos by a man. On top but then morphed into Radio Rebelde.
 700 **ARGENTINA** Radui Cordoba. On top w/talk but no ID. But 5+1 Pips at TOH.
CUBA Rebelde under NYC with rooster sounds.
 840 **BRAZIL** Maybe São Paulo w/talk.
 870 **ARGENTINA** Spanish talk to 2+1 pips. Then into music. Under them Cuba.
 1170 **BRAZIL** Portuguese talker along w/others.

0100 – 135 Degrees

- 700 **ARGENTINA** 5+1 pips into talk. At a good level with 2 more stations, one English and the other Spanish.
 720 **UnID** 5+1 pips and then 2 more pips. Possible Argentina and the other 2 pips from another station.

0130 – 135 Degrees

- 550 **BRAZIL** Portuguese with a soccer game in progress. No // found. In USB as 549 a player.
 620t **ARGENTINA** I hear Spanish and a soccer game and 2+1 pips in the mix. 2+1 pips on the half hour an indication of many stations from this country.
 660 **CUBA** Radio Progreso. With a jingle song under WFAN.
 0200 – South

- 530 **CUBA** and also a loud carrier on 539.866. Suspect NCG – Managua.
 580 **PUERTO RICO** WKAQ. With ID at 0203:20. But at TOH. Weak under them I hear 5+1 pips. So below the Equator DX now open.
 590 **ARGENTINA** Maybe LS4 with its 5+1 pips under local WEZE. With a low noise floor weak stations under semi-locals will become possible.
 600 **BRAZIL** Woman in Portuguese under Cuba. Also 3 weak pips heard.
 640 **UnID** w/5+1 pips. Woman singing a slow ballad. Does not seem to be // to RCN Columbia.
 770 **COLOMBIA** 5+1 pips weak under WABC.
 870t **ARGENTINA** 5+1 pips with last pip mixing with Radio Reloj.
 920 **UnID** with Mexican type music. Turned out to be WURA VA. Thanks to RealDX.

940 **COLOMBIA** RCN, Cucuta. Presume them w/5+1 pips with a soccer game.
 970 **CUBA** Radio Guama. A man whistling a tune. In the mix and //990.
 990 **COLOMBIA** RCN, Medellin. Weak w/5+1 pips under Radio Guamma, Cuba.

7/6. Not much DTV DX today so another AM report from this South facing beach.
 0000 – 135 Degrees

700 **BRAZIL** Radio Nossa Voz, São Paulo. On top with talk.
 910 **COLOMBIA** RCN. With 5+1 pips with a jumble of others.
 990 **UnID** A soccer game along with 2+1 pips. Under a strong station.
 0030 – 135 Degrees

600 **BRAZIL** Radio Gaucha, Porto Alegre. Soccer game on, Brazil and Cuba. 4 pips with the last pip higher in pitch. They have the same pips at ToH. This station over Cuba most of the file.
 610 **BRAZIL** Radio Itatiaia, Belo Horizonte. Good mid to end of file. Soccer.
 650 **COLOMBIA** RCN, Bogotá. ID. during a soccer break. On top of WSRO.
 720 **BRAZIL** Radio Guaíba, Porto Alegre. On top with 5 pips and Portuguese talk. They have 5 pips every 15 minutes.
 750 **BRAZIL** Radio America, Belo Horizonte. Good on top with a singing ID. Another Portuguese station under them and presume them to be Radio Jovem Pan, Brasília.
 760 **BRAZIL** Radio Uirapuru, Fortaleza. Believe this with slow Portuguese talk and mixing with another station.
 780 **BRAZIL** Portuguese with a soccer game in progress. No ID, but on top of channel.
 810 **BAHAMAS** ZNS3 Gospel, Freeport. Man saying, we will be right back with Nassau Radio Original Hijack. Along with WGY and another with soccer with could be, Radio Verdes Mares, Fortaleza.
 936 **MOROCCO** A call in show with a man trying to sing a song. Fair at S 6. //612.
 828 **UnID** weak carrier.
 945 **UnID** carrier.
 1040 **BRAZIL** Radio Capital, São Paulo. Mixing w/others with soccer.
 1070t **BRAZIL** Woman in Portuguese in the mix at mid-file.
 1190t **ARGENTINA** 2+1 pips under WLIB and others.
 1290.3 **BRAZIL**
 0100 – 135 Degrees

700 **BRAZIL** with soccer – maybe Radio Globo.
 720 **SPAIN** RNE Radio 5. Pips into theme music into news. Fair on top of channel with another station with pips.
 837 **SPAIN** Weak.
 840 An interesting frequency. Along w/WHAS many stations mixing with one with 2+1 pips.
 954 **SPAIN** Weak
 0200 – South

640 **COLOMBIA** RCN. With it's 5+1 pips along with Cuba which had the soccer going on.

This was Friday night and many had soccer Brazil and Cuba going at it.

Lots of Euro and North Africa carriers on the waterfall tonight. But this time of the year deep South is the name of the game and the target to go for.

A man in a truck now comes before 10 PM or 0200 to this side of the beach to lock the gates. So you have to leave. This beach is separated by an inlet that carries the water under the bridge to a large pond. I like to DX from the West end as less people around but they lock up at 10PM. One night last Summer DX was strong to the South and without breaking down the antenna masts just drove slowly to the other side (East Side) as the man was closing that beach. I will not try this again as the masts could break the short dowels holding them and not worth it. Besides as time goes on with sunset earlier going past 0130 may not be productive.

Roy Barstow – Falmouth MA.

Australian DXers' June 2019 Rarotonga DXpedition (Gary DeBock via IRCA eGroup)

6/29. This is forwarded from Chris Rodgers, an Australian DXer who is participating in our November 2019 Poipu, Hawaii DXpedition. He and his friend have recently completed a live DXing trip to Rarotonga, capital of the Cook Islands in the South Pacific.

My DXing friend Dave Headland and I spent 9 days on a DXpedition to the Island of Rarotonga in the Cook Islands. It was 30 years since we DXed there together. We chose a house on the Island that favoured the direction of North American and South American signals. The large mountainous peaks on the Island of Rarotonga can block the path of the area you may be interested in listening to, so you have to choose your location on the 32 km circumference island carefully.

What we discovered was massive North American and South American signals on medium wave on nearly every 10kHz frequency coming in about an hour before sunrise and lasting for at least 11 hours Despite exhausting 9 and 10 hour listening sessions every night, there were many stations heard that remain unidentified, as the sheer volume of stations mixing on each frequency and ultimately lack of time worked against us. It was a fantastic DXpedition and reminded us a lot of the old Coolum Beach days. The loop antennas were invaluable for nulling out the North American stations from the South American stations.

Equipment: Drake R8B, JRC NRD 545, Antennas: 40" amplified box loop. PK amplified 20" loop, PA0RDT mini whip.

570 KLAC **CA**, Los Angeles. Good English ID "LA Sports Home of the Dodgers" 0727 17/6
 580 KMJ **CA**, Fresno. Fair ID English "KMJ 580 Now" 0928 16/6
 590 KSSK **HI**, Honolulu. Very good English Top 40 program IDs "92.3 KSSK" 0648 23/6
ARGENTINA Radio Continental, Buenos Aires. Good English songs Spanish IDs as Radio Continental 0855 22/6
 600 KOGO **CA**, San Diego. Good English ID "News radio 600 KOGO" 0609 17/6
 650 KPRP **HI**, Honolulu. Good English ID "Radio 650 AM and global streaming this is KPRP Pinoj Power radio" 1103 18/6
 720 KDWN **NV**, Las Vegas. Good English ID "101.5 and 720 AM KDWN Las Vegas" 1105 20/6
 740 KTRH **TX**, Houston. Good w/ads English ID "KTRH traffic centre" 1049 20/6
 770 **COLOMBIA** RCN La Radio, Bogotá. Good in Spanish with news program "La radio" IDs. 0639 21/6
 780 KKOH **NV**, Reno. Good news and talk English ID "on news talk 780 KKOH" 0622 21/6
 810 **COLOMBIA** Caracol Radio, Bogotá. Fair Spanish news program Caracol IDs 0443 20/6
 820 WBAP **TX**, Fort Worth. Good English traffic report for Texas ID "WBAP@WBAP.COM" 0605 20/6
 830 KHVH **HI**, Honolulu. Good English ID "News radio 830 KHVH" 0524 23/6
 840 WHAS **KY**, Louisville. English ID 0530 "News radio 840 WHAS" into Coast to Coast program 20/6
 846 **KIRIBATI** Radio Kiribati. Strong carrier with very low audio and island mx cutting in and out transmitter issues 0544 21/6
 850 KOA **CO**, Denver. Good "KOA News Radio your weather station" 0632 18/6
URUGUAY Radio Carve, Montevideo. Fair over KOA talk program Spanish Radio Carve IDs. 0756 20/6
 880 KRVN **NE**, Lexington. Good English ID "news and weather 880 KRVN" 0531 18/6
PERU Radio Union, Lima. Good Spanish "Radio Union" IDs and ads 1020 23/6
 940 FIG **CA**, Fresno. Fair English "ESPN sports radio" ID 1029 ID "940 AM ESPN" 17/6
BRAZIL Super Rede Boa Vontade, Rio De Janeiro. Fair Portuguese religious program 0449 21/6
 960 KKNT **AZ**, Phoenix. Fair English ID "960 AM KKNT The Patriot" 0831 21/6
 980 **COLOMBIA** RCN, Cali. Fair Spanish IDs "La Radio" into news program 0322 21/6
 1017 **TONGA** A3Z, Nukualofa. Excellent sports report in English then Island music 0738 19/6
 1020 KTNQ **CA**, Los Angeles. Excellent Spanish programming ID 0800 16/6 "KTNQ 1020 AM Los Angeles"
 1050 KTCT **CA**, San Mateo. Good English ID 0700 "KNBR 1050 ESPN radio" 0700 17/6.
 1070 KNX **CA**, Los Angeles, Excellent English "KNX news radio traffic and weather together" 0746 16/6
 1080 KRLD **TX**, Dallas. Very Good English ID "1080 KRLD Your news all day" 0659 17/6

- 1000 KOMO WA, Seattle. Good English news with ID at 1031 "This is KOMO Seattle" 18/6
MÉXICO Mil AM, México. Good Spanish IDs between Mexican songs 1003 18/6
- 1010 KIQI CA, San Francisco. Fair Spanish programs ID at 0755 "KIQI La Grande" 21/6
- 1080 KRLD TX, Dallas. Very good English ID "This is news radio 1080 KRLD the station Texas counts on for news traffic and weather, your news now" 0420 20/6
- 1100 KFAQ CA, San Francisco. Good English religious program ID 0800 "AM 1100 KFAQ San Francisco"
- 1110 KFAB NE, Omaha. Good English ID "news radio 1110 KFAB" 0819 16/6
- 1120 KPNW OR, Eugene. Very good English ID "News radio 1120 KPNW" 0808 16/6
- 1130 KWKH LA, Shreveport. English poor signal "AM 1130 KWKH" ID into Fox sports radio 0458 23/6
BRAZIL Radio Nacional, Rio De Janeiro. Good Portuguese religious music Nacional Brasilia IDs and frequencies 0900 20/6
- 1140 KXST NV, Las Vegas. Good English CBS sports program ID between ads "KXST AM 1140" 0458 23/6
- 1150 KEIB CA, Los Angeles. Good English ID 0609 "You are listening to AM 1150 The Patriot an iHeart radio station" 18/6
- 1160 KSL UT, Salt Lake City. Very good English ID 0647 "1160 KSL Salt Lake City Utah" 18/6
- 1180 FL, Radio Marti, Marathon. Good Spanish political news program "Radio Marti" IDs 0550 21/6
- 1190 ARGENTINA Radio Nacional, Tucuman. Good Spanish news "Radio Nacional" IDs 22/6 1022 22/6
- 1200 WOAI TX, San Antonio. Good English ID "WOAI local news" and "WOAI traffic scanner" 1003 16/6
- 1220 MÉXICO XEB, México, DF. Excellent Spanish classical music IDs "La B Grande" 0930 17/6
- 1260 KSUR CA, Beverly Hills. Fair English ID "Cruising oldies are here on LA Oldies KSURF"
- 1280 BRAZIL Radio Tupi, Rio De Janeiro. Good Portuguese with ads and "Super Radio Tupi" IDs 0927 22/6
- 1170 KFAQ OK, Tulsa. Good English ID "Talk radio 1170 KFAQ" 0900 16/6
- 1310 KMKY CA, Oakland, Radio Punjab. Fair signal, English ID at 0700 "You are listening to KMKY on AM 1310 Oakland San Francisco and 92.9 FM"
- 1320 KIFM CA, West Sacramento. Good English ESPN sports radio ID 1000 "KIFM 1320" 23/6
- 1360 PERU Radio Bienestar, Lima. Excellent classical music frequent IDs 0320 16/6
- 1410 VENEZUELA Radio Simpatia, Valeria. Good local music Spanish IDs with echo 0936 17/6
- 1410 CFTE BC, Vancouver. Good English "This is 1410 AM Bloomberg Radio Vancouver" 1021 18/6
- 1420 KKEA HI, Honolulu. Very good English ID "Espn sports radio Honolulu" excellent 0716 16/6
- 1460 KIOW CA, Salinas. Good with news ID "Powertalk 1460 AM and 101 FM an iHeart radio station" 0902 18/6
- 1460 COLOMBIA Radio Nuevo Continente, Bogotá. Very Good local music Spanish IDs 0346 20/6
- 1470 PERU Vaughan Radio, Lima. Excellent English-Spanish lessons ID on the hour in English 0300 16/6
- 1500 PERU Radio Santa Rosa, Lima. Very good Spanish song frequent IDs by FA 0312 16/6
- 1510 ECUADOR Radio Naval, Guayaquil. Good time pips over other stations on frequency with Spanish announcements every minute. There most nights for many hours 0346 18/6
ECUADOR Radio Monumental. Good Spanish local music frequent IDs between songs 0522 18/6
- 1520 COLOMBIA Su Presencia Radio, Bogotá. Very good English swing music frequent IDs between songs 0355 16/6
- 1530 KFBK CA, Sacramento. Very good English ID "93.1 news radio KFBK" weather report 1105 16/6
- 1540 KMPC CA, Los Angeles. Very good Korean program, English ID 0500 "50000 watts Radio Korea KMPC Los Angeles" 21/6
- 1566 BENIN TWR, Parakou. Weak carrier 0308 s/on with interval signal 0314 Christ mentions and religious programming in local language got weaker to fade out after 0400 18/6
- 1570 KUAU HI, Haiku. Excellent English religious programs 0622 19/6
- 1570 MÉXICO XERF, La Poderosa. Very good Spanish ID on half hour with pips "XERF LA Poderosa 1570 amplitud modulada" 0430 23/6
- 1580 KBLA CA, Santa Monica. Excellent English in on the hour "KBLA Santa Monica Los Angeles" 0800 22/6 then Spanish programming
- 1590 KVTA CA, Ventura. Very good English ID "Ventura's county news talk station KVTA" 0939 16/6
- 1610 CHHA ON, Toronto. Fair in Spanish with ID on hour as "Radio Voces Latinas 1610" 0700 21/6
- 1620 WDHP VI, Frederiksted. Good Caribbean music English ID "The Reef 103.5 FM" 0412 18/6
- 1640 KDIA CA, Vallejo. Excellent Bible answers live program E/E 0631 16/6
- 1670 KHPY CA, Moreno Valley. Good Spanish religious programming 0526 17/6
- 1690 KDMT CO, Denver. Good English ID "Denver's Money Talk 1690" 0847 16/6
- 1700 MÉXICO XEPE, Tecate, BCN. Very good Spanish "1700 ESPN" ID into sports 0802 18/6

EUROPEAN TRIP – MAY 2019 (Pete Taylor via IRCA eGroup)

7/8. My wife and I hopped on a Princess cruise liner in Fort Lauderdale May 3 and ended up in Athens on June 1. The ships used to provide you with real time geographic coordinates 24/7 on channel 35 – but not anymore. Links include rare stations, some time pips and a few mysteries. Times are my local times since these are not extraordinary DX catches but rather stations you would probably also hear if you were in the same location. * = links included. Receiver was an XHDATA D-808.

CROSSING THE ATLANTIC. Envision a path between Ft. Lauderdale and Ponta Delgada, Azores; that was our route. My first surprise, two days out, was WSDK-1550 with a clear and strong ID at 9pm. The next evening, CBG-1400* also at 9pm, and on the 7th, WEGP-1390 with mention of a string of stations at 10pm. Many hets were heard and it was fun seeing them turn in to the dominant signals. On the 4th and 5th nights out, hets were noted on 620 710 810 880 910 980 1090 1180 1190 1270 1340 and 1450. Conversely, NL audio was all over the dial. It was fun seeing them turn in to hets as we approached Portugal. Newfies heard on the 4th night include 570 590 620 640 650 710 740 750 800. The first non Jil-FM African heard was seemingly Ouled Fayet, Algeria on 1422*.

(1400) <https://www.dropbox.com/s/3ybeybojgrkjk/DXE%200506%202100%201400%20CBC.mp3?dl=0>

(1422) <https://www.dropbox.com/s/zgxf346ky5whhz/DXE%200508%202200%201422A.mp3?dl=0>

(1422) <https://www.dropbox.com/s/e2b76ejugk0yifr/DXE%200508%202201%201422B%20Alg.mp3?dl=0>

AZORES/MADEIRA. No AM stations noted in Ponta Delgada, but the one in Funchal, Madeira, is alive and well on 1530*. (1530)

<https://www.dropbox.com/s/pqjki9ue6ib8va1/DXE%200512%200900%201530%20Funchal.mp3?dl=0>

ALGERIA. Jil FM was trackable most of the way across the Atlantic either on 531 or 549. You have to listen closely to get the ID. The music blend is interesting.

CASABLANCA. Sidi Benour-540 was the closest to being a local. Most everything else which came in was Spanish.

GIBRALTAR. Radio Gibraltar-1458* was local along with many Spaniards and SER Radiotele in Ceuta on 1584. (1458)

<https://www.dropbox.com/s/5jbf06009nuldje/DXE%200515%202200%201458%20Gib.mp3?dl=0>

PORTUGAL. 891* was the only Portuguese station I took note of. It does not seem to ID as "Radio Sim." (891)

<https://www.dropbox.com/s/ktjpie9kmfha42k/DXE%200514%201400%200891%20Port.mp3?dl=0>

SPAIN. Spanish stations dominate the dial. Most were identifiable in WRTH but one on 720 was not. SER Gandia-1584* got out very well. (1584)

<https://www.dropbox.com/s/20asxk8lecrrw/DXE%200521%201400%201584%20Gandia.mp3?dl=0>

ITALY. No real surprises here other than the Iranian buzz-saw jammer wiping out Genoa on 1575* on 5/24 at 8pm probably about 120 miles out. There was a large tower on the eastern tip of Sicily. 1062 and 1116 were local/semi-local but I don't think they were using it. (1575)

<https://www.dropbox.com/s/f9hw1qh71v2q1n/DXE%200524%202000%201575%20Iran.mp3?dl=0>

MALTA. A nice surprise popped in as we passed through the straits between Sicily and Messina. Ads were in EE and Italian and were dominated by ones for Costa Coffee. It had BBC news at 9am 5/27. Radio Malta is on 999*. (999)

<https://www.dropbox.com/s/an62liti4qxnidr/DXE%200527%200900%200999%20Malta.mp3?dl=0>

GREECE. Athens stations on 729 927 1107 1269 1341 were all noted at fair to good levels 30 minutes before we docked in Chania but other than 75kw 729, all faded out by the time we tied up, presumably because of the proximity of the mountains. 1341 identified as Star Radio rather than the listed Smooth Radio and featured English language hits. 729* is included because of its unusual time pips. In Mykonos there was no AM station using the tall tower. In Kerkira (Crete) there were two identical tall towers for 1008 kHz but they were very close together which presumably means they have a fat pattern – or maybe it's a standby. (729) <https://www.dropbox.com/s/kjnhq55h2gv88m/DXE%200530%201900%200729%20Athens.mp3?dl=0>

CYPRUS. Sawa-999 was noted at a fair level 5/30 at 2200 but I wasn't taping.

UNIDS. (1) On 5/24 leaving Livorno, Italy, at 9pm, there were a few words in an unknown language, a 10-second tone and then a carrier drop on 1323kHz*. (2) At 9:05pm, in the middle of a Latin selection, the station just went off the air on 1251 kHz. (3) On 6/14 at 10pm, Radio Swoboda was noted on 1386*. I presume

this was Lithuania. (1323) <https://www.dropbox.com/s/mmtkk7v5lz4r5jj/DXE%200524%202100%201323%20UNK.mp3?dl=0> (1386)
<https://www.dropbox.com/s/yw2z5i34rvcehl/DXE%200514%202200%201386%20Svoboda.mp3?dl=0>

We ended up in Hamburg, Germany, but were in an airbnb apartment and the QRN was overwhelming. I can safely say, however, that there were no MW locals. Nothing got through at all! PS – I also taped many stations during our South American cruise in February/March but the computer seems to have eaten them. If I can track them down, I will share the info.

Pete Taylor, Tacoma WA, 12225w 4719n, HQ180 and ICF2010, Kiwa aircore and Palomar loops, DX398, SRF-59 and M37V, Eton E100 + Tecsun PL-300/380

7/11. Thanks for your comments. My responses: from **Mark Connelly** [in bold] (**Pete Taylor** via IRCA eGroup)

Thanks for that report Pete. What did you use for audio recording?

Sony TCM-200DV cassette recorder. I then converted the recordings to RIAA since that seemed to sound better.

Would the GPS in a cellphone work on the ship to get coordinates I wonder?

No. The captain announced the noontime positions each day we were at sea and I got them from a navigation program on my phone when we were in port.

I would think that the route going from Florida to the Azores, passing due south of here at some point, would put you in range of a lot of Brazilian and other South American DX. While passing south of the New England states the NYC and Boston 50 kW stations should be good at least 600 miles out on daytime groundwave though the Norfolk, VA area ones might even be better at that lower latitude.

Just about all the East Coast heavies showed up during the early part of our six-day crossing but I didn't spend a lot of time on domestics.

Many of the stations you picked up are semi-regular here, especially the higher power ones from Spain and Algeria. Greece is quite a bit tougher though from the eastern Mediterranean 864 Egypt often blasts, as on: <https://app.box.com/s/xm0r2ldrze8q7x30u4k4ftheukwcvaa2>

I did note that one but really wasn't familiar enough with the band in the Mediterranean, with its multiple languages, to say for sure that I had Egypt. I also noted the strong AA on 783 but really can't confirm that it was Syria. I am assuming it was but don't count it as a logging.

1422 Algeria sounds like this here. Note the final pip a higher pitch (right before the anthem).

<https://app.box.com/s/yqzvtgs2bwyqv1v8y4tryvg6k4t969pj>

This one really seemed to get out, but again, on my recordings, I didn't hear anything specifically IDable. However, I have the same anthem you recorded. After the two Jil FM frequencies, which had a head start, I was just surprised how early in the trip 1422 came in.

This is typical 549 "Jil FM" Algeria here: https://www.qsl.net/wa1ion/audio1/algeria-549_20170412_0000z.mp3

I did get it a couple of times but it comes pretty fast and is very short. And yes, I did hear it wiping out 550 while we were still lingering off the East Coast.

Did any of the UK stations (693, 810, 882, 909, 1053, 1089, 1215, 1341, etc.) come through or were you too far south?

At one time or another, all the ones you mentioned were heard chipping away US domestics. However, I didn't spend a lot of time on these because there is such widespread familiarity. It was more interesting for me to track all the Newfies.

I wonder if anyone has done SDR captures from the mid-Atlantic either from a ship or plane.

We came within 15 miles of Bermuda which was devoid of AM stations from there or anywhere else on 5/5 at 6pm local. This was surprising because I remember hearing WINS during the daytime there on a previous trip eons ago. That night, as we moved further NE at about 18 knots, I don't see any log reference to Latins. By the 6th (3 nights out) all the Euro heavies (and Newfies) were resplendent.