

	<h1 style="margin: 0;">New Zealand DX Times</h1> <p style="margin: 0;">Monthly Journal of the New Zealand Radio DX League (est 1948) September 2017 Volume 69 No. 11 http://www.radiodx.com</p>	
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Welcome to the September edition of the New Zealand DX Times.

New Station on Shortwave



(source: Google Images)

We have long been expecting the opening of the new SW outlet for 4KZ on 5055 kHz. As I write this it has yet to happen. However, another Australian station has opened - **Ozy Music Radio** has been testing on **5045 kHz**. With a transmitter based in Razor Back, near Camden (25 nautical miles south west of Sydney) it is sending out a very good signal using 500 watts of power.

The verie signer is ARDXC Secretary, John Wright. John answers reports promptly and the address to use is dxe1234@gmail.com. The Chief Editor's QSL came back in 2 minutes flat - no kidding! We wish Ozy Music Radio well in their venture. One door shuts for Aussie shortwave, and another one opens!

This is the last edition of **Bandwatch Under 9** to be edited by **Ken Baird**. After 23 years of loyal service he is hanging up his keyboard, so to speak. As of next month, the hotseat will be taken by **Ian Wells**. Huge thanks are due to Ken for his years of unfailing service to the club. Thanks you to Ian for agreeing to step into the breach.

The address to use will still be nzrdx1under9@gmail.com

Who remembers 4XD, Dunedin 1430 - 250 watts? As an Aucklander it was a challenge to hear. It morphed into **Radio Dunedin**, moved to 1305 and now has 2.5 kw of power. It is about to celebrate its 95th birthday - yes, its 95th. Thanks to Winston Lashley, we have been sent a link - <https://a.msn.com/r/2/AAr3MTG?m=en-nz&ocid=News>
It is a fascinating read, and the most fascinating thing about it is that it currently rates no. 1 in the over 50s category. And there's no market for local radio?

Deadline for next issue is Wed 27th September 2017. P.O. Box 178, Mangawhai 0540

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NEW ZEALAND RADIO DX LEAGUE (Inc)

The New Zealand Radio DX League is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing.

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**CLOSING DATES FOR THE NEXT
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October Wednesday 27th September

November Wednesday 25th October

December Wednesday 27th December

**You can send your contributions to the
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PO Box 178
Mangawhai 0540**

**or use the email or postal addresses
given by the section sub-editors.**



*All images used in this magazine come
from personal scans/photos, station
websites or via Google Images*

Oh, if it could only happen here

Following a number of trials over the past few years, the BBC has confirmed that from January 2018, Medium Wave transmissions of a number of BBC Local Radio stations will either cease or be reduced.

The reduction of Medium Wave services was first considered as part of the BBC's 2011 "Delivering Quality First" programme. Trial switch-offs in subsequent years provided the BBC the chance to find out how many listeners were listening on AM.

Most switch-offs took place without much public reaction, although a trial affecting BBC Radio Merseyside's signal provoked a strong reaction from listeners and national newspaper headlines. BBC Radio Merseyside's Medium Wave signal has been left off the current closure list.

The BBC stations that are affected from 2018 have a wide reach on FM, as well as recently enhanced reception via DAB digital radio and Freeview. The number of users accessing radio via DAB, mobile and internet services has also been steadily increasing in recent years, as the share of analogue radio listening, including Medium Wave stations, has dropped to around 50%. - *(thanks to Ray Crawford and the WIA Magazine)*

Among stations to be closed are BBC Radios Sussex, Surrey, Humberside, Wiltshire, Nottingham, Kent and Lincolnshire no longer available, and reduced coverage for Devon, Lancashire and Essex. *(Thanks to <http://davidlloyd-radio.blogspot.my/2017/08/farewell-bbc-local-radio-am.html>)*

Adam Claydon asks members to help support the DX League Facebook pages.

They can be found at

<http://www.facebook.com/nzrdxl>

MAILBAG

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Some things old have become new again. Paul Ormandy has moved <dxdialog> flawlessly across to <groups.io> since the August 'Times', and several members have used the board to comment on the re-appearance of Ozy Music Radio, now on 5045 kHz. We're still waiting for Al Kirton to launch 4KZ's shortwave relay from northern Queensland.

Stu Forsyth in Cyberjaya, Malaysia doesn't demand top billing, but I usually place entries as they arrive. "Hi Theo, My WinRadio G33DDC (Excalibur) finally got here and I have had fun beginning to learn how to use it, and I emphasise the word beginning. It is a very complex piece of equipment. The really interesting thing for me is that you can see carriers on the waterfall, which is a real boon - I know you can see it on the League's SDR too. The only problem is that you don't always hear the accompanying signals! It has a thing called a scheduler in which you programme what you want to record and it will do it automatically. The 7th of August was a good night on the tropical bands. I heard about 5 Indian SW stations that I want to get within about 400 kHz of each other. I programmed the scheduler and went to bed. In the morning I discovered that for some reason I hadn't put the correct frequency in and so all I got was noise! I now have even greater respect for Bryan Clark, Peter Mott & co who have been using this receiver so effectively and proficiently for some time. I was trying to log an AIR station in Rajasthan on 1413 after the Thai closes at 1700. I didn't get that but I did get either 2EA Newcastle or the BBC via Oman, as both carry the World Service. I suspect it was the latter. I am pretty pleased with that, even though I have previously verified both.

I have logged KTWB 11965, NHK World 11825 & 15280, AIR Jalandhar 873, AIR Thiruvananthapuram 5010, R. Taiwan Int. 7445, 11600, & 1359, Bangladesh Betar 4750, KNLS 9690, AIR 9950, AIR Tiruchirapalli 936, and VoA 7260 via the Vatican on the Russell SDR. The other interesting one is that I heard the DW interval signal at 0825 on 15290. It is not scheduled to be on the frequency (via Issoudun) until about 1600. NHK was supposed to be there. We don't hear many Europeans unless they broadcast directly at us. However, I detected a signal and had a listen and there it was. I wrote to DW asking what the story was. I also sent them a recording of it. I was rewarded with an email saying that it was them and somebody at Issoudun had made an error with the switching. I will count it as a verie! Other veries received are Bangladesh Betar 4750 and 558, CFTE 1410 (thanks to Ian Wells for the address details), CRI 6060 and 1080 via e-QLs, AIR 15185, KTWB 11965, Vanuatu 7260 heard on the League's SDR and QSL'd via Facebook, TWR Moldova 9940 and Ozy Radio 5045 in 2 minutes flat - my quickest ever verie." *(As for 2EA, Bill Whitacre from Virginia was DXing on the Washington state coast in early August and had a query concerning 1035 kHz: a commercial at 1400 UT obviously from Newstalk ZB in Wellington for 'Well Hung Joinery' in Ngauranga but followed by Andean flute-type stuff and a "Welcome to our..." which seemed to indicate a fade up-and-down involving SBS. Newcastle and Wollongong supposedly carry SBS2 which at that hour (midnight AEST) should've switched to "SBS Radio Overnight". But going on-line to check, whatever <tunein> was grabbing or SBS was feeding on similar days a week or so later, was consistently 'SBS ArabyPop' despite the banner saying 'SBS Radio*

Overnight' on three occasions and SBS Somali on another (though the audio was Arabic). I suggest that as more evidence you heard Oman.)

Ian Wells, Mosgiel reports in as the first of the two neighbours. "Hi Theo. I've received an email from Laurie Atlas <laurie.atlas@4RO.com.au> in relation to my report on reception of 4CC, 666 kHz. This is the Biloela relay of 4CC in Gladstone, Queensland heard via the Northland SDR. Also an email from Nimilote Naisorotabua <naisorotabua@fbc.com.fj> verifying my reception of Radio Fiji One on 558 kHz, received a few days before the official opening of the station on 11 August, also via the Northland SDR. Prior to the official opening, the station was apparently in trial mode." Plus he later added this Stop Press. "Just to note receipt of a very rapid email verification of my report for Ozy Music Radio 5045 kHz (within 30 minutes of emailing the report). Again, heard using the Northland SDR."

Jonathan Woods, Mosgiel had this to say to explain his situation. "Hello Theo, The receivers here have been largely silent this month. But an article that may be of interest concerns a 'LOG Antenna', essentially a 15-foot per-side square loop-on-ground. I tried a 10m per side loop with an incorrect coupling and found it wasn't great and haven't yet repeated the experiment with the recommended coupling. For anyone interested, it's described at <<http://www.kk5jy.net/LoG/>>. I emailed Matt Roberts, who wrote the article, and he commented, 'One thing to keep in mind is that as the loop becomes large with respect to the wavelength, the pattern begins to distort and the -3dB elevation angle starts to rise. So a 10m square will have plenty of signal on 160m, but it might not perform quite as well as a smaller loop on 40m, for example. The loop I am using does quite well on 40m through 160m, and it is about half the side length (4.5m) of the 10m loop you described.'" *(15-foot-per-side? The sooner we get rid of that Imperial stuff, the better. <g> Oh wait, I was muttering that at the supermarket last week.)*

Bryan Clark, Mangawhai had another busy month with visits to Hong Kong and Hanoi, but still had time for some exciting DX at home. "After the thrill of Radio Malabo in late July, I was also pleased with a report away to the new 1kW German hobby station 'European Shortwave Radio' on 6160 on 3 August and a rare loggable signal from Radio Apintie Surinam on 5 August. Have been monitoring a reported new Ethiopian provincial station on 5940 but it is a difficult catch with irregular schedule to date. Finally on 28 August I caught the initial test broadcast of Ozy Radio on 5045 - still waiting for the 4KZ relay on 5055 to appear. QSLs in from Channel Z on 6950.6 with 25 watts and Ozy Radio 5045." *(You're turning into an absentee landowner! And 6160 reminds me... has anyone heard CKZN recently? There was a rumour a month or three back that they'd possibly gone silent.)*

And from the across-the-ocean, over-the-hills, and far-away department: the IRCA's Tim Tromp in West Michigan reported in as I prepared this, that he'd grabbed Auckland's Magic 702 from the mix with 2BL at ~1100 UT 31 August. He caught the stinger/sounder between news and weather, and confirmed that from a simultaneous recording from the web feed.

73, Theo



FAREWELL TO IAN CATTERMOLLE AND KEN BAIRD

Ian Cattermole recently retired from the editorship of Shortwave Report after over 16 years in the role. His contribution to the magazine has been massive. When I was a junior DXer I always went to Shortwave Report (John Mainland was probably the editor back then) to find frequencies on which I could hear things. I am sure I was far from the only one doing this. Once I came back to New Zealand I continued the exercise. Ian's information has been invaluable to me and many other DXers.



Ian's story is posted on radiodx.com and can be found here: <http://www.radiodx.com/articles/dxer-profiles-a-to-e/ian-cattermole/>

Since the above profile was written Ian has progressed to a staggering 8306 QSLs (in June) from 209 countries. I know Ian also has some MW QSLs and is contemplating moving in that direction. When he does look out.

There are, however, other things I wish to say about Ian. He is like the calendar reminder items on your phone. Before being Chief Editor, I did the Ladders/ Continents. Every two months (as it was then) Ian would email me his totals early, and I knew it was time to get cracking. Theo Donnelly has said the same about Mailbag. Ian is his alarm clock.

Ian is completely selfless – I have emailed him a number of times seeking information or contacts on a station and he has never hesitated to reply and share what he knows. He epitomises all that is good about a DXer.

As mentioned above, Ian has verified a large number of Latin American stations in shortwave. When I asked him what he considered his best QSL was, this is how he answered: The one I think I treasure most was the Mexican, Su Pantera 6105khz back in 1977. Actually I have 10 Mexican QSLs. Also those from Haiti, Costa Rica etc are great.

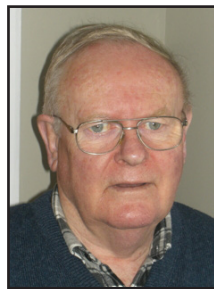
He has reported 480 + stations and has around 250 QSLs – that is not a bad return at all. He also says: *'Costa Rica - I have sent reports to 14 stations, all domestic, (no REE, RFPI, AWR) and received 12 replies. The only two not QSLd are Radio Impacto 6150khz and Radio Columbia 4850khz. Both verified on other frequencies though. Brazil - I have sent reports to 165 stations and received QSLs from 82.'*

Of course there have been disappointments. I recall sending a very detailed report to Jamaica back in the 1970s. They were broadcasting test cricket but alas no reply.'

This is an excellent return by any standards.

Ian's contribution to our club has been huge and we are forever grateful to him for what he has done for us. Happy retirement and keep the news of those veries rolling in.

As mentioned elsewhere in this magazine, **Ken Baird** retires this month after 23 years as editor of the Under 9 Bandwatch column. One could say he has done his bit. This has been done with a minimum of fuss and bother and with a lot of professionalism.



I asked Ken to give me a bit of background information, and this is what he told me:

I started listening to SW when I was about 10, on my father's 7 valve Philco, the one with the big angled slide rule dial. Picked up all sorts of things as the bands were very busy then.

Like most boys of my time I made a Hiker's One and Two and picked up a lot of North Island MW stations from Ashburton. At High School I was mainly involved with Mullard HiFi amplifiers with a friend. We sold a lot around Ashburton.

In 1963 shifted to CHCH and started to make better SW receivers. Got a Q Inductance kit and made a good set using extra circuits out of the RSGB Handbook (All analogue and valve!!). My first commercial set was a Panasonic DR21 bought in Fiji. Swapped that for a DR32 with full digital readout. From then a continuous line of receivers, R1000, R2000, R5000, FRG7 etc. Now have the R5000 & TecsunPI505

I have 2 books full of QSL cards and was a monitor for R Berlin Intl, R Sweden, YLE Finland & ORF Austria. Did a broadcast from R Sweden. Best QSL is from ZK4 Cook Islands which I took back and had a good session with the station Director, Nooroa Tangaroa. The station was burned down shortly thereafter – something to do with FM competition?? Kept up with limited SW listening, joining the NZRDXL April 1982. Have been interested in SW listening on and off ever since.

It has been a very enjoyable hobby and I have made friends from all around the world. However, bands are largely empty today and there is very little of interest to listen to. I had the best of times and enjoyed it. That is now over and it is time to move on. I will still be listening however.

My best wishes to all the members of the League. Thanks for your support over the past 23 years of the Below 9 Bandwatch.

*Good DX,
Ken Baird*

Most of us don't know that Ken was a professional engineer with NZPO after getting a BE in electrical engineering at Canterbury in the 1960's, specializing in outside plant, inter exchange links and the design of very large exchanges.

More importantly his great claim to fame was announcing to the world the start of the Falklands War! He told me his 'best reception - Port Stanley, Falkland Is on 2 megs at the moment the Argies raided the Studio. There was lots of Spanish and gunshots and then OFF. Never heard Port Stanley again but did pick up the BBC broadcasts to troops on the Falklands regularly.'

Ken understands that a Wellington Branch member informed the British High Commission in Wellington, who then notified the Foreign Office in London: first notification of invasion!

Ian Wells

Ian has agreed to take over from Ken Baird for the Under 9s, and despite what he says below, there was not really a lot of arm twisting involved! We are all grateful to Ian for his support.

I asked Ian to tell us a bit about himself and this is what he says:



I've been conscripted to take over Bandwatch Under-9 mHz column from Ken – hopefully I'll be able to maintain his high standards, but I think he'll be a hard act to follow.

I'm married to Lisa, with three adult children and, currently, five grandchildren, and live in Mosgiel, although I work in Oamaru.

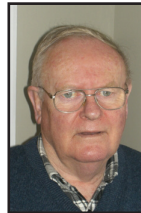
I've been DXing irregularly since 1970, with a number of breaks as life and family took priority. My interest has always been more towards the exotic on shortwave (looking for new countries and low powered stations, especially South Americans, rather than quantity of QSLs) but I'll take anything foreign that I can get on mediumwave.

I started DXing with a Hallicrafters S-120 which I paid for with three years of lawnmowing, and have also owned Panasonic DR22, DR28 and DR49 receivers over the years. At the moment I have a Kenwood R1000 and an Icom IC-R71E, but when not on DXpeditions, I mainly use an Sangean ATS-909 – the only receiver I've owned from new – on mediumwave with a 40" passive loop.

I have no permanent external aerials erected at the moment, either at home or at my Oamaru flat. I do have a EWE, but it mainly sits in the garden shed between annual visits to Waianakarua. Because of local noise, the majority of my DXing at the moment is done using the Northland SDR.

I still chase verifications, mainly by email these days, and have just over 600 from 138 countries on shortwave (quality vs quantity) and currently 138 from eighteen countries on mediumwave.

BANDWATCH UNDER 9MHz



Editor

Ken Baird
Wainuiomata

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Please add the date, language in full, and country of transmitter origin of your logging to your report, and keep the reception details short. Would you please try not to repeat loggings in adjacent months. **Please get a clear ID or show as tentative.**

kHz	UTC	Country, Station, Programme, & Reception Details
4840	0840	USA, WWCR with religious instruction fair in English. 11/8. BC
4990	0634	SURINAM Radio Apintie w/weak signals 5/8, improving to poor by 0940. Non-stop musical variety incl. some Indonesian songs until after 0928 when lively spoken features included male in Dutch. Followed till 0950 when China on high side of 4990 started to come through. Apintie carrier often noted on 4989.983 but audio is rarely hrd. BCM
5020	0715	SOLOMON IS, SIBC with religious instruction in English& ID.27/7. BC
5045	0552	AUSTRALIA Ozy Radio, Razorback NSW w/initial test broadcast 28/8, classic hits and pop oldies, very good overnight. Test anncts w/email address for reports noted at 1920z and quick email response from John Wright indicating I was station's second overseas reporter. BCM
5085	0525	USA, WTWW fair in English, old pops. 18/8. BC
5810	0525	USA, WEWN, with yl +guy talking in Spanish + songs, good.20/8. BC
5810	0758	USA, WEWN good in Spanish with relig prgm – KAB 27/8
5860	1906	KUWAIT, R.Farda. Fair/good in Persian & mx; 1930 TS, poss nx om/yl - 27/8 KB
5910a	0625	COLOMBIA Alcaravan Radio, Puerto Lleras w/solid signal on 5910.37m, non-stop Latin rhythms with minial anncts. SS ident 0656 as "Alcaravan Radio... Onda Corta... La Voz de tu Conciencia.. Colombia para el mundo". Followed past 0710 4/8. BCM
5920	0502	GERMANY HCJB Germany, Weenermoor w/GG talk, contemporary Christian vocals, poor 30/8. BCM
5935	0800	USA, late Dr Gene Scott good in English with YL support – KAB 27/8
5940	1823	ETHIOPIA Ethiopian Somali Regional State Radio, Jijiga tentatively this new station opening abruptly 25/8 w/ Horn of Africa rhythms 24/8 past 1925. Also hrd opening abruptly 0424 24/8 but gone at 0459 recheck. Irregular at present. BCM
5950	0835	FRANCE, Radio Korea Int with yl +guy talking in French, fair. 27/7BC
5950	1915	ETHIOPIA, Voice of Tigray Rev. with phone in requests & singing.2/8 BC
5955	1545	CHINA, CRI fair in English – BDW 21/8
5980	0800	USA, R Marti good in Spanish with news – KAB 27/8
5995	0557	MALI RTVM Bamako w/music, repetitive flute theme up to the hour when FF ident hrd "Ici Bamako..." 3/8. Poor on LSB to avoid Cuba 6000. BCM
6005	0525	ASCENSION ISL, BBC. Fair in English - 16/8 BC
6030	1903	ETHIOPIA, R.Oromiya. Fr/pr in listed Afar & HOA mx; off 2000 - 28/8 KB
6055	0905	JAPAN, Nikkei Radio 1 fair in Japanese. 11/8 BC

6060	1630	CHINA, CRI excellent in English – BDW 19/8
6155	0500	AUSTRIA, Radio Austria International. ID in EE then in GG. fair.28/7. BC.
6160	1852	GERMANY European Shortwave Radio, Winsen (1kw) new station hrd testing 3/8, the best reception in a week of monitoring at this time, Weak w/ rock music, EE identification annct on the hour, rock music past 1908. BCM
6165	1701	CHINA, CRI good in English – BDW 19/8
6170	2030	ROMANIA, RRI with world new, fair in English. 9/8BC
6250	0443	ECUATORIAL GUINEA Radio Malabo briefly activated, first noted 27/7 at poor level but improving to vgd by 0515. Regular clear idents in SS as “Radio Nacional, Radio Malabo” during “Panorama Nacional” prgm. Fading by 0600 and unusable by 0620. Also hrd 28/7 and 29/7 but not since. BCM
7255a	0610	NIGERIA Voice of Nigeria vgd in Hausa w/news 27/7. Somewhat irregular schedule. BCM
7260	0346	VATICAN, VOA good in Somali with comment – KAB 28/8
7275	0755	CHINA, PBS Xinjiang poor Uyghur with comment – KAB 27/8
7280	2015	VIETNAM, Voice of Vietnam fair in German. 9/8. BC
7330	0427	ROMANIA, RRI good in Romanian with comment – KAB 28/8
7355	0750	USA, Bro. Stair poor in English with usual diatribe – KAB 27/8
7375	0355	ROMANIA, RRI fair in English with Western music – KAB 28/8
7435	0450	USA, R Marti poor in Spanish – KAB 25/8
7730	0445	USA, Bro. Stair fair in English with usual diatribe – KAB 25/8

OVERSEAS LOGGINGS

All may not be audible in NZ at the times listed

FREQ	UTC	Country, Station, Programme & Reception Details
4925.2	0210	BRAZIL Radio Educação Rural - several men speaking in the Portuguese language with occasional short instrumental music segments and brief announcements. Another man announcer with closing ID and announcements; no anthem. Poor. (D'Angelo-PA)3/8
5125	0105	PUERTO RICO. Arecibo, noted early with poor signal but later with excellent carrier strength with tones. Interesting stuff. (D'Angelo-PA)31/7
6250	0005	EQUATORIAL GUINEA (Fernando Poo). Radio Nacional – Malabo with lively Afro pops music and occasionally some Spanish language talk. Poor to fair. (D'Angelo-PA)28/7
7295	0432	FRANCE Radio Algerienne – Issoudun, man announcer taking in the Arabic language with some Middle Eastern vocals. Off mid-song. Fair signal. (D'Angelo-PA)6/8
7425	1119	NEW ZEALAND. Radio New Zealand International with music program hosted by a woman announcer with English language talks. Nice station ID at 1130 followed by news with a man announcer. Fair signal but noisy conditions and fading. (D'Angelo-PA)30/7

This is my last Below 9 Bandwatch. Thanks to the few regulars who have contributed over the last 23 years. Without you there would not have been a Bandwatch. With my best wishes and good dxing in the future.

Cheers,

Ken Baird

CONTRIBUTORS

BC	Brian Carr	Christchurch	IC R-70, EWE antenna.
BCM	Bryan Clark	Mangawhai	WinRadio G3DDC and AOR7030+ receivers, EWEs to Nth, Cent & Sth America.
BDW	Brian Webb	Upper Hutt	AR1733 & whip, DE1103 with whip
CC	Cliff Couch	Paraparaumu	ATS 803A, 30m wire attached to fascia board-no loggings this month.
RDA	Richard D'Angelo	Wyomissing USA	Ten-Tec RX-340, Eton E1, Eton E5, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini window, Datong FL3, JPS ANC
KB	Kelvin Brayshaw	Levin	2 x PL 660s, whips linked at tips.
KAB	Ken Baird	Wainuiomata	Tecsun PL505, 13. wire

Contributions to this column may be sent to PO Box 178, Mangawhai, 0504: or nzrdxlunder9@gmail.com (New Editor - Ian Wells).

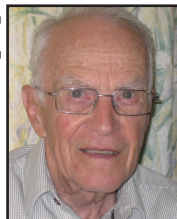
On the Shortwaves concluded - from the back page

two QSLs that we have posted in "The CPRV Gallery." One, from WJAZ, verifies reception reported in a letter to the station dated May 16, 1923 (the day after the move to 670 kc.). Of perhaps greater interest is a brochure about the station, and the hotel, which we have posted with the QSL. It gives the wavelength as 448 meters, so it dates from the same period as the letter. The other QSL is a great-looking folder (with EKKO stamp) from WEBH, together with a nicely-illustrated promotional brochure from the station. WEBH, which called itself the Voice of the Great Lakes, was on the air from the hotel for about four years. Newspapers played a big role in both stations, the Chicago Tribune at WJAZ, the Chicago Evening Post at WEBH. The hotel closed in 1967 and was demolished in 1970-71. -- And under "Specialized Resources/Wavescan," Adrian Peterson tells us about "Artificial Languages on Radio" (Wavescan N440, July 30, 2017), and "The Radio Scene on a Small Island With a Large Volcano-1 [Montserrat]" (Wavescan N441, August 6, 2017).

< www.ontheshortwaves.com > Update, August 20, 2017 -- Italy's main shortwave broadcaster, RAI, left shortwave in 2007. Its ancestor station, EIAR, was a strong presence in its day, including an "American Hour" in 1935. Under "DX History/Stations" we have posted their published schedule for that December of that year, together with a "season's greeting" postcard that they sent to listeners in 1938. -- Also this time, under "Specialized Resources/Wavescan," Adrian Peterson brings us the second installment of the story of artificial languages: "Artificial Languages on Radio: Esperanto" (Wavescan N442, August 13, 2017).

< www.ontheshortwaves.com > Update, August 27, 2017 -- Under "DX History/Lists, Logs, Guides & Columns," we have posted a nice map from August 1935, showing the shortwave broadcast stations of the world. The numbers in the black circles correspond to the numbered stations at the bottom of the map, which are listed alphabetically by city. The map apparently originated with the BBC publication World-Radio. -- And under "Specialized Resources/Wavescan," Adrian Peterson brings us three interesting stories: the timely "Eclipse Radio: Past & Present" (Wavescan N443, August 20, 2017); "What Happens to a Radio Signal During an Atomic Explosion?" (Wavescan N443, August 20, 2017); and "QSL Letter Verifies Nuclear Radio Station" (Wavescan N443, August 20, 2017).

BANDWATCH OVER 9MHZ



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Kelvin Brayshaw email
Levin nzrdxlover9@gmail.com

- 9390 1405 THAILAND, R.Thailand. Good in English programming - 13/8 BDW
9410 0315 DUBAI, BBC. Gd in AA, 6/8, PP (July AOKI lists xmsn site as Dhabbaya,UAE; Ed)
9515 0430 TURKEY,VOT (EMR). "Letter Box". Good in English - 3/8 BC
9550 0310 IRAN, VOIRI. Fair in SS, 6/8, PP
9550 0410 AUSTRIA, AWR via Moosbrunn vg in Turkish with talk and mx. 30/7 SMF **
9580 1535 UZBEKISTAN, AWR (via TAC). Fair in Kannada - 24/7 BDW
9600 0407 VATICAN CITY, R Tazamuj vg in AA 30/7 SMF **
9620 0840 TURKEY,VOT (EMR). News. Good in English - 29/7 BC
9645 1334 S.KOREA, KBS. Fair in Russian - 29/7 BDW
9695 1600 ROMANIA, RRI (GAL). Good in Romanian // 11810 (GAL) poor - 2/8 BDW
9730 0330 ROMANIA, RRI (TIG), Good in English; ID, Romania Singers - 28/7 BC
9730 1350 CHINA, CRI. Poor in English // 9830 good - 27/7 BDW
9740 1010 SINGAPORE, BBC. Fair in English; world news - 29/7 BC
9740 1058 SINGAPORE, BBC. Fair/Good in EE; yl spkg. TS & ID 1100. A little scratchy - 17/8 CC
9750 1035 JAPAN, Rad.Japan. gd in JJ, 17/8, PP
9770 1005 TURKEY, VOT (EMR). Fair in Spanish - 4/8 BC
9815 0300 KUWAIT, Afia Darfur Rad, fair in AA, 6/8, PP
9910 2045 INDIA, AIR. Gd in EE, 17/8, PP
9930 1035 USA, WTTW (Lebanon). Relg. Fair in English - 29/7 BC
9935 0414 GREECE, VOG (Avlis), Lively songs in Greek. Good - 26/7 BC
9955 0355 USA, WRMI. Fair in English; ID, Dx prgrm/ QSLs - 1/7 BC
11520 0515 USA, WEWN, religious, fair in EE, ?/8. PP
11620 2105 INDIA, AIR (BGL). Fair in English; world news - 7/8 BC
11620 2120 INDIA, AIR. v/gd in EE, 20/8, PP
11635 2040 N.KOREA, V.o.K, poor in Korean, 17/8, PP
11640 1012 TAIWAN, Rad.Taiwan Int. gd in CC, 17/8, PP
11665 1010 MALAYSIA,RTM. Gd in Malay, 17/8, PP
11680 1005 N.KOREA, V.o.K. fair in Korean, 17/8, PP
11700 1646 Unlisted xmsn site 'SCB', BVB. Fair in Arabic/Dardasha - 14/8 BDW (July AOKI gives xmsn site as, Sofia, Bulgaria; Ed)
11750 2130 GUAM, AWR. Gd in CC, // 11790, 20/8, PP
11790 0530 JAPAN, Rad.Japan. poor/fair in Russian, 5/8, PP
11795 0955 TURKEY, V.o.T. gd in Farsi, 17/8, PP
11815 0955 JAPAN, Rad.Japan. v/gd in JJ, 17/8, PP
11825 0412 MADAGASCAR, African Pathways radio, religious, v/gd in EE, 20/8, PP
11840 0050 CUBA, Rad.Habana, fair/gd in SS, 19/8, PP
11850 2035 ROMANIA, Rad.Rom.Int. fair in EE with NX, 17/8, PP
11865 0812 N.KOREA, V of Korea. Fair in JJ. Choir singing. Very scratchy // 9650

same - 17/8 CC

11900 2210 N. MARIANAS, Vatican Radio fair in Mandarin – KAB 26/8

11910 2140 JAPAN, Rad.Japan, poor in JJ, 20/8, PP

11945 2145 N.MARIANAS, Rad.Free Asia, gd in Korean, // 11960, 20/8, PP

12015 0945 USA, WHRI. Religious v/gd in EE, 17/8, PP

12030 0420 IRAN, VOIRI. Fair/gd in Hebrew, 9/8, PP

12040 2137 GUAM, AWR fair with comment in Mandarin – KAB 26/8

13680 0335 KUWAIT, VOA. Gd in Somali, 6/8, PP

13680 2150 JAPAN, Rad.Japan, fair in JJ, 20/8, PP

13695 1030 INDIA, AIR. Excellent in EE, 16/8, PP

13710 0442 SRI LANKA, R.Farda. Poor/fair in Farsi. 0500 IDs - 24/8 KB

13760 2158 N.KOREA, V.o.K. fair/gd in EE, 20/8, PP

13790 0315 N.MARIANAS, Rad.Free Asia, fair in CC, 9/8, PP

13795 0005 INDIA, AIR, v/gd in Tamil, 20/8, PP

13810 0011 THAILAND, VOA, gd in Tibetan, 20/8, PP

13810 2230 ROMANIA, RRI. Fair in Spanish & mx 2256 I/S - 26/8 KB

13845 2000 USA, WWCR, Religious, v/gd in EE, 17/8, PP

15090 0100 THAILAND, Rad.Ashna, gd in Pashto, 6/8, PP

15120 0215 INDIA, AIR. Gd in Kannada, //13695, 9/8, PP

15120 0245 INDIA, AIR (BGL). Fair in Hindi; yl talking, songs - 28/7 BC

15140 0540 KUWAIT, VOA, Fair/gd in Tibetan, 5/8, PP

15160 0920 S.KOREA, K.B.S. fair/gd in Korean, 17/8, PP

15180 0545 N.KOREA, V.o.K. poor in SS, 5/8, PP

15230 0110 CUBA, Rad.Habana, fair/gd in SS, 6/8, PP

15230 0136 CUBA, RHC. Fair in Spanish & songs - 16/8 BC

15325 0310 JAPAN, Rad.Japan, gd in JJ, 6/8, PP

15355 2257 PHILIPPINES, R.Veritas Asia, I/S, Poor in Filipino after EE ID - 28/8 KB

15385 0032 PHILIPPINES, VOA, poor/fair in CC, 20/8, PP

15465 0925 TAIWAN, Rad.Taiwan, fair in CC, 17/8, PP

15470 0010 PHILIPPINES, Vatican Radio, gd in Tamil, 15/8, PP

15530 0225 PHILIPPINES, Rad.Veritas Asia, religious, fair in Vietnamese, 6/8, PP

15560 0015 PHILIPPINES, FEBC Manila, gd in Javanese, 20/8, PP

15565 0037 THAILAND, VOA. Poor in CC, 20/8,PP

15590 0226 THAILAND, Rad.Thailand. weak in EE, changed to Thai at 0230, 6/8, PP

15640 0236 PHILIPPINES, Rad.Pilipinas. weak/fair in Filipino, 6/8, PP

15640 2330 PHILIPPINES, FEBC. Fair in vernacular. Off 2358 (Sunday) - 26/8 KB

15665 0348 CHINA, Firedrake Jammer fair in Mandarin with comment – KAB 27/8

15690 0055 N.MARIANAS, Rad.Free Asia, good in Laotian, 20/8, PP

15690 0245 THAILAND, Rad.Farda, fair/gd in Farsi, 6/8, PP

17565 0354 CHINA, CNR-1 poor in Mandarin – KAB 27/8

17640 0357 CHINA CRI good with talk in Russian & Chinese music – KAB 27/8

17715 2218 SPAIN, REE poor in Spanish – KAB 26/8

21560 0225 N.MARIANAS, Rad.Free Asia, fair in Tibetan, 15/8, PP

Overseas Contributions (Edited)

9400 0311 BULGARIA Bible Voice Broadcasting – Kostinbrod, FA, talk in Arabic & instr
mx. Brief closedown anncmnt before carrier cut. Poor to fair - 10/8 RDA

9530 2151 ASCENSION IS HCJB R Akhbar Mufriha, MA in listed Hassinya Vocals &
brief talks. 2213 c/down anncmts, ID/sked. Off w/instr mx Fair - 7/8 RDA

- 9690 1041 ALASKA, KNLS vg in EE. 22/8 SMF
 9725.40404 BRAZIL, R Evangelizar – Curitiba, vocals; MA w/ long relig talk in PP. Poor to fair. Noted almost // web stream to ID station - 26/8 RDA
 9940 1800 MOLDOVA, TWR in Tigre - fair/ good. 19/8 SMF
 9950 1029 INDIA, AIR fair in Urdu to Pakistan. Many mentions of Pakistan and India. Signal received off the back end. Clear. 26/8 SMF
 11610 2118 MADAGASCAR World Christian Broadcasting – Mahajanga, MA preaching in Mandarin. Brief instr mx 2118, then yl talking. Fair - 22/8 RDA
 11810 2150 ASCENSION IS BBC Relay, 2150-2159*, Features in English; closing w/ promo before carrier cut. Fair to good - 8/8 RDA
 11965 1756 CLANDESTINE Radio Erena – Kostinbrod, 1756-1801* MA speaking in Arabic. Apparent closedown axments, then brief instr mx until carrier cut. Poor - 26/8 RDA
 11965 1057 GUAM, KTWR good in EE. 1/8 SMF
 11975 1803 ROMANIA Radio Romania International –Galbeni, 1803-1832, MA, nx in Romanian. End of nx1805, then ID, instr mx, & talk. YL vocal 1823. Poor to fair signal but very noisy conditions - 22/8 RDA
 13585 2002 UNITED ARAB EMIRATES KBS World Radio – Dhabbaya, 2002-2100*, MA, Arabic nx, Washington' ref. ID in EE 2013, language lesson & other features. Fair to good - 9/8 RDA
 15420 1838 CLANDESTINE. Radio Itahuka – Talata Volonondry (pres), 1838-1853, Two men talking in pres Kirundi. Poor to fair signal but fairly noisy channel making it poor overall. - 12/8 RDA
 15590 0019 THAILAND Radio Thailand – Udon, 0019-0030*, FA & MA alternating w/ English nx w/ads. Carrier seemingly cut mid-sentence (antenna beam change). Poor to fair - 8/8 RDA
 17840 1649 CLANDESTINE Sagalee Qeerroo Bilisummaa –Issoudun, 1649-1700*, MA in listed Oromo. Poor to fair signal but whitehoise digital jamming destroyed reception. 10/8 RDA

Contributors

BC	Brian Carr	Christchurch	ICR R-70, EWE
BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips.
CC	Cliff Couch	Paraparaumu	ATS-803A. 30m wire on apartment facia
KAB	Ken Baird	Wainuiomata	R-5000. 45m wire
KB	Kelvin Brayshaw	Levin	2 x PL-660s, Whips linked.
PP	Phil van de Paverd	Coopers Beach	R-71E, AOR 7030+, Winradio GR31 DDC, Flag antennae N/NE, NE, 200 M longwire
RDA	Richard D'Angelo	Wyomissing, PA	RX-340, R-8B, Eton E1,E5, AlphaDelta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4
SMF**	Stu Forsyth	via	NZDRXL SDR, Russell, Northland, NZ
SMF	Stu Forsyth	Cyberjaya, Malaysia	WinRadio G33DDC, AOR 7030+, 4m EWE

Your input much appreciated, thank you.

73

Kelvin

ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka
Auckland

email
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Time Order summary of Ken's BandWatch Under 9MHz & Kelvin's BandWatch Over 9Mhz-columns. For station transmitter sites please refer to the BandWatch columns. Please remember to include the date and signal strength with all your loggings and send them to the Under/Over 9MHz Bandwatch column editors, thanks.

The Solar Flux is aired daily over WWV/WWVH on 2.5, 5, 10, 15 and 20 MHz Shortwave at 18 & 45 minutes past every hour. For propagation forecasts please refer to Mike's column.

SIGNAL STRENGTHS e = Excellent; g = Good; f = Fair; p = Poor.

73 - Yuri, ZL1GYM

NEW ZEALAND CONTRIBUTIONS

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0226-0230	15590p	Radio Thailand	THAILAND	6/8	PP
0330	9730g	RRI	ROMANIA	28/7	BC
0355	7375f	RRI	ROMANIA	28/8	KAB
0355	9955f	WRMI	USA	1/7	BC
0412	11825g	African Pathways Radio	?	20/8	PP
0430	9515g	VOT	TURKEY	3/8	BC
0515	11520f	WEWN	USA	?/8	PP
0525	5085f	WTWW	USA	18/8	BC
0525	6005f	BBC	UK	16/8	KB
0715	5020	SIBC	SOLOMON IS	27/7	BC
0840	4840f	WWCR	USA	11/8	BC
0840	9620g	VOT	TURKEY	29/7	BC
0945	12015g	WHRI	USA	17/8	PP
1010	9740f	BBC	UK	29/7	BC
1030	13695e	AIR	INDIA	16/8	PP
1035	9930f	WTWW	USA	29/7	BC
1058-1100	9740g	BBC	UK	17/8	CC
1350	9730p:9830g	CRI	CHINA	27/7	BDW
1405	9390g	R. Thailand	THAILAND	13/8	BDW
1545	5955f	CRI	CHINA	21/8	BDW
1630	6060e	CRI	CHINA	19/8	BDW
1701	6165g	CRI	CHINA	19/8	BDW
2000	13845g	WWCR	USA	17/8	PP
2030	6170f	RRI	ROMANIA	8BC	-
2035	11850f	Radio Romania Int	ROMANIA	17/8	PP
2045	9910g	AIR	INDIA	17/8	PP
2105	11620f	AIR	INDIA	7/8	BC
2120	11620g	AIR	INDIA	20/8	PP
2158	13760g	V.o.K.	NTH KOREA	20/8	PP

n.b. 11825 0412 - possibly via KNLS Madagascar - Chief Ed.

SHORTWAVE REPORT

Editor

John Durham
Tauranga

email
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This month we have two broadcasters issuing new QSL cards. New broadcasts planned by the BBC and a special from PCJ Radio International with 2 Sangean receivers available to lucky winners in their draw. Ozy Music Radio pops up on 5045kHz, a mysterious Radio Moscow interval signal heard from Armenia plus a new station from the Ethiopian Somali Regional State.

ARMENIA

Unidentified station again on air on August 29: 1355-1537 on 9640*unknown tx: At 1357 mentioned "Govorit Moskva" and IS of Radio Moscow 1500-1537 in Russian, talk about Ukraine & Russia and off *co-ch KBS WR 9640 KIM 100 kW / 225 deg to SEAs Eng/Viet. [http: \(Via swldxbulgaria.blogspot.bg/2017/08\)](http://Via%20swldxbulgaria.blogspot.bg/2017/08)

Armenian Public Radio on new test frequency, August 31: from 0600 UT NF9580 Yerevan tx unknown to UNID Armenian, ex 9640 kHz (Ivo Ivanov-BUL, dxld via wwdxc BC-DX TopNews Aug 31)

9580even Armenian Public Radio via CJSC Yerevan Gavar Armenia relay on Aug 31 at S=7-8 signal level here in southern Germany, better signals in remote SDR units in Belgium and U.K. westerly. (wb df5sx, wwdxc BC-DX TopNews Aug 31)

I got a clear ID of this station in your recording: "Yerevan ne khosum". They also had news about the national folklore ensemble touring Sweden, the visit of a Lithuanian General etc., i.e. things that a public broadcaster would report about. So one can safely say this is a relay of Armenian Radio domestic service on SW, probably via Gavar. (Cristian Mocanu, Deva-ROU, bclnews.it Aug 29)

Radio Mi Amigo International presents a very special live broadcast remembering those days 'the music almost died'. We remember Aug. 1967 (UK) and Aug. 1974 (Netherlands) when the MOA ('Anti-Pirate-Law') became law in those countries and stopped most of the offshore stations. We remember with the songs from that time and some original recordings. The show will be aired on August, 27 from 19-21 hrs CEST (17-19 hrs UTC) on 11845 kHz in the 25m SW-band with 100 kW of power all over Europe and also online on our webstreams."

(via CJSC Yerevan Gavar Armenia site, wb)[Try the SDR at Twente for this broadcast. Editor]

TWR India via Yerevan with English broadcast, August 28 1300-1315 on 9410 ERV 300 kW / 100 deg to SoAs English Mon-Sat & then 1315-1450 on 9410 ERV 300 kW / 100 deg to SoAs various Indian. (Via swldxbulgaria.blogspot.bg/2017/08/)

AUSTRALIA

OzyRadio 5045 kHz & Craig Allen's SW plans. Some new news & previously revealed news regarding Craig Allen's SW activity, including some history from me.

As I reported here last week OzyRadio (owned & operated by Craig) was due to return to the SW airwaves (5045 kHz) in the near future. On August 28th, 2017 OzyRadio returned to shortwave on new 5045 kHz from Razorback near Camden-NSW-AUS. Believed first reported by Mauno Ritola & Bryan Clark (0552 UT).

This tx site was last utilized by Craig for rebroadcast of Vintage FM, Penrith on the SW freq of 3210 kHz back in early 2004. 5045 kHz is licenced for 1 kW, but currently operating with 500 watt. Craig reports that the transmission antenna is an inverted V. Back in 2011 Craig utilised a inverted V for 3210 kHz, whilst 5050 kHz was using a NVIS antenna, a horizontal dipole with reflector on the ground (hence the NVIS designation). Craig reported late on 29 Aug 2017 that he had reduced compression of the signal. He's licenced for 6 kHz bandwidth (BW). I've noted a nice sounding 8+kHz bandwidth signa. Johnno from the ARDXC mentioned on 28 Aug 2017 that Craig Allen had recently acquired two shortwave licences: quote (JW): "now has 4850 and 2350 kHz in Alice Springs ... he needs a transmitter".

Upon inspection of the ACMA database I see he's licenced for 2350 & 5050 kHz from the existing 8HA/8AL Alice Springs TX site with 5 kW. Don't expect this to happen for a while, without a TXer. I 'believe' licence owners can initially list a TX site for transmission, it doesn't mean that this will be the actual site that is utilised when/if finally to air, but if he does get to air from Alice Springs the correct tx site will appear within ACMA records. Currently JW is responding to OzyRadio reception reports for Craig with a quick Gmail email text reply. If dxers/QSL hunters wanted a unique jpg eQSL I believe this could be easily organised, but dxers would have to lean heavily on JW & Craig for this to happen.

Next Aussie private SW station to hit the airwaves could be 5055 kHz 4KZ. (Ian, SW TXsite Aug 30 via WWDXC)

BRAZIL

Radio Municipal São Gabriel da Cachoeira 3375.1, 1000 to 1015. In Portuguese with fading seems to be back on regular schedule? 21 July. (Wilkner FL)

ETHIOPIA

Radio Deegaanka Soomaalida Itoobiya the official station of the Ethiopian Somali Regional State: Shortwave schedule. File: Flag of the Somali Region.svg - Wikimedia Commons

0400-0510 on 5940 unknown tx / unknown to EaAf Ethiopian Somali

1300-1500 on 5940 unknown tx / unknown to EaAf Ethiopian Somali

1810-2000 on 5940 unknown tx / unknown to EaAf Ethiopian

(Via swldxbulgaria.blogspot.bg/2017/08/reception-of-radio-deegaanka-soomaalida.html)

FRANCE

Radio France International. Frequency updates effective 03 Sept 17 All 500KW via Issoudun

0430 0500 9685 135deg to EcAf Swahili ex 11790

0500-0600 9700 155deg to CeAf French ex 15300

0700-0800 21580 155 deg to CeAf French ex 17620

0800-0900 21580 150deg to CeAf French ex 17620

12001230 17815 198deg to We Af Mandingo mon-Fri ex 15275

1200-1300 15300 200deg to NWAf French ex 13740

1200-1300 17620 185deg to WCAf French ex 15300

1600-1700 17615 170deg to WCAf Hausa ex 15670

1900-1930 17660 155deg to SoAf Portuguese ex 15360

2000-2030 11700 170deg to WCAf Hausa ex 13695

(Via swldxbulgariablogspot)

English from Radio France international 0600-0700 11905 & 13725 to CeAf.

(Via SW schdule A17 Editor)

GREECE

Voice of Greece- Reception on 9420 kHz & 9935 kHz, August 21-22:
 1800-0900 on 9420 AVL 170 kW / 323 deg to WeEu Greek*tx#3, off air at 0915
 1830-0900 on 9935 AVL 100 kW / 285 deg to WeEu Greek*tx#1, off air at 0915
 news in Arabic 0650UT, Serbian 0656UT, Spanish 0808UT and Russian 0907UT.
 (Via <http://swldxbulgaria.blogspot.bg/2017/08>)

INDIA

All India Radio on 60m SW in frequency order (Home Services) A-17

kHz	kW	Station	State	Local Language	Zone	UTC
4760	7	Leh	Jammu & Kashmir	Ladaki	N s0130/	w0213-0430 1130-1630
4760	4	Port Blair	Andaman & Nicobar	Hindi	S 2355-0300	1030-1700 (Sat, Sun 1730)
4800	50	Hyderabad	Telangana	Telugu	S 0020-0215	1130-1744
4810	50	Bhopal	Madhya Pradesh	Hindi	W 0025-0215	1130-1742
4835	10	Gangtok	Sikkim	Sikkimese	NE	0100-0500 1030-1700 (irregular)
4870	100	Delhi (Kingsway)	Delhi	Nepali	N 0230-0330,	1330-1415 (Nepal), 1430-1530
4895	50	Kurseong	West Bengal	Nepalese	E	0055-0400 (Sat Sun 0430) 1130-1700 (Sat, Sun 1741) (Off Air)
4910	50	Jaipur	Rajasthan	Hindi	N 0025 0430 (Sun 0530)	1130-1741
4920	50	Chennai	Tamilnadu	Tamil	S 0015-0245	1200-1739
4950	50	Srinagar	Jammu & Kashmir	Kashmiri	N s0030/w0100-0215	1120-1743 (2115v-2215v) for Ramzan Special broadcasts (Irregular)
4970	50	Shillong	Meghalaya	Hindi/English	NE 0025-0400	1056-1741
5010	50	Thiruvananthapuram	Kerala	Malayalam	S 0020-0205	1130-1745 (Irregular)
5040	50	Jeypore,	Odisha	Odiya	E 0025-0436,	0700-0915, 1130-1741
5050	10	Aizawl	Mizoram	Mizo	NE 0025-0400	1130-1630 (Off Air)

(Via Jose Jacob-IND VU2JOS <<http://www.qsl.net/vu2jos/>> 25 May 2017)

Normally I find all the regional AIR stations switch over to the New Delhi audio feed at 1512 UTC; commercial announcements in Hindi 1512-1515; followed by the news in Hindi 1515-1530, followed with news in English 1530-1545; all this via Delhi audio feed.

btw - Both 4895 kHz (AIR Kurseong) & 5050 kHz (AIR Aizawl), continue silent through Aug 2.
 (Via Ron Howard-CA-USA, wwdxc BC-DX TopNews Aug 3)

KOREA Dem.Rep.

Voice of Korea English programing.
 0430-0527 on 7220 9445 0730 KUJ 200 kW / non-dir to NEAs

0430-0527 on 11735 KUJ 200 kW / 028 deg to CSAm
0430-0527 on 13760 15180 KUJ 200 kW / 028 deg to CSAm
0530-0627 on 13650 15105 KUJ 200 kW / 238 deg to SEAs
0630-0727 on 7220 9445 9730 KUJ 200 kW / non-dir to NEAs
1030-1127 on 11710 15180 KUJ 200 kW / 028 deg to CSAm
1030-1127 on 11735 13650 KUJ 200 kW / 238 deg to SEAs
1330-1427 on 13760 15425 KUJ 200 kW / 325 deg to WeEu
1530-1627 on 9435 11710 KUJ 200 kW / 028 deg to NoAm
1530-1627 on 13760 15245 KUJ 200 kW / 325 deg to WeEu
1630-1727 on 9890 11645 KUJ 200 kW / 296 deg to N/ME
1830-1927 on 13760 15245 KUJ 200 kW / 325 deg to WeEu
1930-2027 on 7210 11910 KUJ 200 kW / 271 deg to SoAf
1930-2027 on 9875 11635 KUJ 200 kW / 296 deg to N/ME
2130-2227 on 13760 15245 KUJ 200 kW / 325 deg to WeEu
2130-2227 on 15245 KUJ 200 kW / 325 deg to WeEu English
(Via Voice of Korea)

SÃO TOMÉ E PRÍNCIPE

Afia Darfur Radio, 9470. Sat, Aug 5 at 1902-1913, Pinheira-STP, in Arabic. Man and woman announcers talk news, presumably; 1912 Man talks, ID. Station with fair signal and modulation, 35433. (Via Jota Xavier & HCDX Aug 5)

USA

PCJ Radio International Special Transmission 10/11 Sept 2017 {acc frequencies via RMI Okeechobee, FL-USA bcst center, wb}

On September 10, 2017 PCJ Radio International will present a special Happy Station Show on frequencies outside our normal schedule. This special edition is our way to say thanks to all those so far who have been assisting us in our continuing work to preserve programs that were produced by Radio Netherlands between 1947 and 1992.

The Happy Station Show distributed to our partner stations on that date will have a 55 minute version of the program.

All dates and times

Europe 0700-0900 UTC - September 10, 2017 Frequencies: 7780 kHz, 11580 kHz

North America 0100-0300 UTC - September 11, 2017 Frequency: 7570 kHz

There will also be a special program inside the program, which will have a lucky draw of two Sangean receivers. But you will need to tune in to find out more.

(Via Nick Sharpe-UK, BrDXC-UK ng Aug 21 & WWDXC)

YEMEN (non)

Republic of Yemen Radio in Arabic via two different txs, August 26 0300-0900 on 11860 JED 050 kW / non-dir to N/ME. 0900-1800 on 11860 unknown tx / unknown to N/ME.

1800-2300 on 11860 JED 050 kW / non-dir to N/ME 2300-0300 on 11860 unknown tx / unknown to N/ME
(Via wldxbulgaria.blogspot.bg/2017/08)

ZAMBIA

New shortwave schedule of KVOH Voice of Hope Africa Lusaka eff. from July 31
0500-0800 on 9680 LUS 100 kW / 000 deg to SoAf English Mon-Fri tx#1, new additional

0500-0800 on 11680#LUS 100 kW / 315 deg to WeAf English Mon-Fri tx#2, new additional
1600-1900 on 4965 LUS 100 kW / 000 deg to SoAf English Mon-Fri tx#1, ex 1630-2200UT
1600-1900 on 6065 LUS 100 kW / 315 deg to WeAf English Mon-Fri tx#2, ex 1630-2200UT
1200-1700 on 9680*LUS 100 kW / 000 deg to SoAf English Sat/Sun tx#1, unchanged time
1200-1700 on 13680 LUS 100 kW / 315 deg to WeAf English Sat/Sun tx#2, unchanged time
1700-1730 on 9680 LUS 100 kW / 000 deg to SoAf English Sunday tx#1, new additional
1700-1730 on 13680 LUS 100 kW / 315 deg to WeAf English Sunday tx#2, new additional
co-ch same 11680 KNG 050 kW / non-dir to NEAs Korean KCBS Pyongyang, QRM TRT
11675

* co-ch same 9680 PAO 100 kW / 352 deg to EaAs Chinese R.Taiwan Int+CNR-1 1200-
{Via DXBulgaria blogspot 07/2017}

STATION NEWS

KTWR Mike Sabin from KTWR Guam informs: KTWR reaches its 40th anniversary of broadcasting on 5 September this year. I don't think that we will be doing any special broadcasts, but we do have 40th anniversary QSL cards designed. The printed cards should arrive soon. Please let your dx club members know in case they want to collect this special event card.

If we do any special broadcasts, I will let you know. It would likely be a DRM transmission." <http://www.twr.asia/about/guam> (Via WRTH FB Mauno Ritola-FIN, via Mike Terry-UK, dxld Aug 3)

Guam radio stations accidentally air emergency alert amid North Korea threat

After a week of threats from North Korea aimed at Guam, residents on Tuesday thought the worst when two radio stations accidentally broadcast an emergency civil danger warning. Idyllic Pacific island relies on tourism and the US military to sustain it. When it comes to North Korea, islanders hope that peace wins over war

The two stations, a music channel and a Christian network, alerted listeners at 12.25am local time of an unspecified danger near Guam. Civil danger broadcasts are rare and are used to warn civilians of an imminent threat, such as a military strike or terrorist attack. The warning lasted only 15 minutes and officials later stressed that a real emergency message would describe the type of threat.

"The unauthorised test was not connected to any emergency, threat or warning," Guam's homeland security office said in a statement adding it had worked with the radio stations to "ensure the human error will not occur again".

Residents and tourists on Guam have been anxious for the last week after North Korea detailed a specific plan to fire four missiles into the waters around the US territory, which is home to 162,000 people and hosts two military bases.

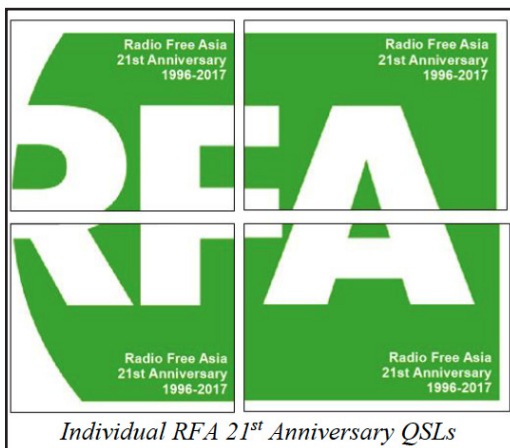
(Via The Guardian Benjamin Haas@haasbenjamin Tuesday 15 August 2017 07.44 BST Last modified on Tuesday 15 August 2017 09.59 BST)

Radio Free Asia (RFA) announces its 21st anniversary QSL

This redefines our QSL designs incorporating one graphic into four separate QSL cards and giving listeners options submitting reception reports. You will receive ¼ of the design for one reception report, or get the full sheet when sending us at least four reception reports.

This is RFA's 65 th QSI design and is used to confirm all valid RFA reception reports from September to December 2017

Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports Radio Free Asia 2025 M. Street NW, Suite 300 Washington DC 20036 United States of America.



BBC to launch new service in Korean

The BBC is braced for a backlash from the North Korean government about the launch of a new service targeted at the country amid growing international tensions over its missile tests. Francesca Unsworth, the director of BBC World Service, said the corporation was wary about launching the new North Korean service next month due to the likely opposition from the government but insisted the fragile political situation vindicated the move.

In an interview with the Guardian, she said: “We are reaching an incredibly febrile, dangerous atmosphere at the moment about that whole story, and isn’t it terrible for the people of North Korea that the only information that they getting about any of this is that woman who goes on North Korean television every night?”

“We talked for many years about whether it was worthwhile doing something for the most in-need country of the world. This is right at the head of the BBC’s mission to bring independent news to people most in need – and Korea is the country most in need, followed by Ethiopia and Eritrea.”

The service will launch just weeks after Donald Trump, the US president, threatened to unleash “fire and fury” on North Korea, which responded by announcing a detailed plan to fire missiles at the US Pacific Territory of Guam. Korean is one of 12 new language services being launched by the BBC over the next few weeks in the biggest expansion of the World Service since the 1940s. The expansion involves hiring 1,400 staff and is backed by £289m of funding from the government. Other services that are launching include Pidgin, which is spoken by 75 million people in Nigeria, Punjabi and Serbian.

Tony Hall, director general of the BBC, said the new services marked “the start of a new chapter for the BBC” and called the World Service “one of the UK’s most important cultural exports”.

However, Unsworth said the North Korean embassy in London had told the BBC “in no uncertain terms” that they did not want the Korean service to be launched.

The service will broadcast a half-hour radio programme daily, that will go out in the middle of the night so that, in the words of Unsworth, “people have the opportunity to listen under their bedclothes without telling the neighbours”.

(Via The Guardian. Graham Ruddick Media editor Sunday 20 August 2017 16.18 BST)

BRANCH NEWS

Any information re Branch News - notice of upcoming events or reports of recent events, please email:
nzrdxlchiefeditor@gmail.com

WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 27th September**, 12.45pm
Beach Babylon Cafe, Oriental Bay, Wellington
join Dene and others to talk about what's what in the world of DX.

DUNEDIN BRANCH

Our next meeting is tentatively scheduled on **Saturday 25 November** from 2-4pm
at Ian Wells' home, 16 Fenty Place, Mosgiel.
We're always happy to welcome new members – for further information, contact Ian on 021 2987146 or David Miller 03 4763224. If possible, let Ian know that you're coming or, in the case of regular participants, if you're not able to be there.

Market Square

Drake SPR 4 - the Chief Editor has a Drake SPR4 for sale. It used to belong to Paul Ormandy. The set is in perfect working order and has just been serviced. The asking price is **\$500**. If it does not go, any offers should go to Paul Ormandy - paulz14tt@gmail.com



nb - not the actual receiver

WinRadio G313e For Sale - \$700. This SDR has hardly been used and I have upgraded to an Excalibur. The G313e does not have the 'waterfall' screen, rather it has a pre-cursor to it. It works very well indeed (at least as good as my AOR7030+) with all the bells and whistles. The spec for the radio can be seen here: <https://www.winradio.com/home/g313e.htm> The DRM demodulator is licensed.

It has to run on a Windows based machine. Unfortunately it will not run on Windows OS run on a Mac, even with Parallels Desktop. Contact Stu Forsyth darfielddx@gmail.com

BROADCAST NEWS

Editor

Bryan Clark

Mangawhai

email

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UPGRADED TRANSMISSIONS FROM FIJI, ANOTHER AUSSIE LEAVES MW

ARGENTINA Radio Zorobabel is a new Christian religious station that transmits on **1540** kHz. Its studios are located at Carmen de Areco 406, Barrio Santa Lucía, Monte Grande, Province of Buenos Aires. It belongs to the Assembly of God Church in Manzana 17, Lot 27, Barrio La Victoria, Monte Grande. (via Arnaldo Slaen, Grupo Radioescucha Argentino) LRI232, Radio Ciudad de Nogoyá, Nogoyá, Provincia de Entre Ríos, reported at 0820 UTC on 22 July on **1660**, with identification: “Desde Nogoyá, Provincia de Buenos Aires, en 1660 kHz, la Voz de la Gente”. (Arnaldo Slaen, Conexión Digital 30 Julio via DXLD)

Radio Cristo la Solucion **1690** replied w/e-mail from contacto@cristolasolucion.com (Daniel Wyllyans, Nova Xavantina-BRAZIL via DX Fanzine 6/17)

AUSTRALIA After seeing Craig Seager’s mention on the ICDX-AM Yahoo Group of an announcement on 4WK **1359** about a move to FM, and finding no information on the 4WK website, I sent a query email to them. A prompt response from Kirsty Batchelor from 4WK Accounts/Administration advised that the 1359 AM repeater at Toowoomba was shut down at 7pm on 22 August and the station is now only on 95.5 FM. She noted my comment that it may be possible to hear 95.5 FM here in the summer but said “AM is even more interesting, with people listening to our AM frequencies as far as Japan!” (Bryan Clark)

BOLIVIA

1380 LV del Espíritu Santo, El Alto. W: radiolavozdelespiritusbolivia.com/ (Fredrik Dourén, ARC). Logged by Jan Edh on 1379.992 kHz. Henrik Klemetz points out that the station is located to Villa Dolores in El Alto. Ex.1600. (Arctic Radio Club)

CANADA CBU Vancouver **690** proposes reducing its fulltime power from 50kw to 25kw and replacing the 4-tower antenna array with a 2-tower system. (Dan Sys, IRCA)

CHINA Pearl River EBS - Guangzhou **1062** khz now identifies in English on the hour and half hour as “FM Ninetyseventyfour - Your Radio”. Otherwise in Cantonese. (Tony Magon VK2IC via Real DX Yahoo Group)

FIJI Fiji’s Prime Minister says all Fijians can now tune in to the ‘national dialogue’ following the rehabilitation of the country’s medium wave radio infrastructure. The Japanese government provided \$US7 million for the rehabilitation which took over 18 months to complete. It included the installation of a 60 metre antenna with two AM transmitters. Prime minister Frank Bainimarama said villages in the most remote pockets of the interior and in the furthest reaches of the outer islands could now tune into the AM signal managed by the Fiji Broadcasting Corporation. (RNZI Website 11 Aug17)

The full press release read as follows: “Fijians in all maritime islands can now tune in to the recently installed and clearer Amplitude Modulated (AM) Signal that will be broadcasted on two main radio stations. The new medium wave radio transmission \$15 million facility is

managed by Fiji Broadcasting Corporation and funded by the government of Japan will air programmes on both Radio Fiji One and Gold stations. Officiating at the launch in Naulu, Nakasi on Friday, Prime Minister Voreqe Bainimarama said Fijians living in Vanuabalavu, Lakeba or Ovalau could now tune on to the radio and join listeners around the country through a range of AM programming. Mr Bainimarama said through this upgrade Fiji had now achieved a 100 per cent coverage for all outer islands. "It means we will now have access to critical flows of information programming on youth development, women's issues, health, agriculture and many other topics," Mr Bainimarama said. "The right to access information is one of the most important rights my Government has sworn to uphold." Mr Bainimarama says the massive effort to bring high quality education throughout the islands is to have every Fijian child taught accurately and have relevant and up-to date materials. "That is why we are expanding our network of cellular data and Information and Communication Technology (ICT) services. By December, we will extend the reach of free to air digital television to all of Fiji using satellites and terrestrial technology to bring a range of programmes to the Fijian communities," he said. Mr Bainimarama said the Fijian Government first signed the Memorandum of Understanding with the government of Japan where he believed that information belonged to the Fijian people and access to information was the life blood of the nation. Mr Bainimarama said the AM radio infrastructure is more resilient to severe weather patterns than Frequency Modulation (FM) systems. Meanwhile, the government of Japan was pleased to announce the completion of a project as it includes the installation of a 60-metre antenna system, two AM radio transmitters funded through Japan's Grant Aid programme. Ambassador of Japan Masahiro Omura said the Prime Minister's presence at the event showed the Fijian Government's serious commitment to reduction of risks from natural disasters. Mr Omura said the threat of natural disasters has been and will be increasing due to climate change and strengthening of preparedness is strongly wished for in Fiji as well. He said in order to respond swiftly to natural disasters, appropriate transmission of relevant information is crucial. "In Fiji, however, one of the most effective means of information transmission, namely medium wave radio transmission has been out of order since 2013," Mr Omuro said. He said in many remote islands, radio broadcasting became unavailable. The Fijian Government requested assistance from Japan and the Japanese government decided to extend their grant aid assistance. (Fiji Sun Online, 12 August)

According to news reports the deal was for 2 new transmitters with antenna and transmitter building. Frequencies 558 and 990. Transmitters seem to be 10kW NEC MBT-9010A as seen in the very end of this opening ceremony video at https://www.youtube.com/watch?v=kOza_Ov7f48 (Jari Savolainen via Glenn Hauser's DXLD Yahoo Group)

Radio Fiji has posted an interesting documentary about its new transmitters on Youtube: <https://www.youtube.com/watch?v=VTLKeW-TmoQ&feature=share> (Bruce Portzer via Glenn Hauser's DXLD Yahoo Group)

GUAM Agaña stations KUSG **1350** and KVOG **1530** both went silent on 1 July, having lost their licenced transmitting site – they will look for a new one. (NRC)

HONG KONG Public broadcaster RTHK is to end its 24-hour relay of BBC radio (*on 675 AM, BC*) in favour of a state-run Mandarin-language station on 4 September. China National Radio Hong Kong Edition will replace the BBC World Service on AM Radio 6. However, eight hours of the BBC's global station will still be relayed live between 11pm and 7am each day on Radio 4 (FM only. BC). RTHK said that the change was because its Digital Audio Broadcasting (DAB) services were set to end. On March 28, the government decided DAB services would be axed within six months, following a review. BBC World Service has been

broadcast in Hong Kong since 1978. (Hong Kong Free Press via Tony Magon via Ydun's Mediumwave.info) (*Darn – 675 is what I listen to on regular trips to Hong Kong. BC*)



LITHUANIA According to the Lithuanian Ministry of Foreign Affairs, a new 200kw Nautel NX-200 transmitter has been inaugurated on **1386kHz** at Viešintos in northeast Lithuania to broadcast Radio Liberty programmes in Russian to the Russian Federation, Belarus and Ukraine. The new transmitter will replace the old 75kw unit at Sitkunai, which worked for about 40 years. The US-funded broadcasting of Radio Liberty, launched in 1953 from West Germany, but was jammed in the Soviet Union. Between 1991 and 2012 Radio Liberty was allowed to operate within Russia, but since then has only been available on the Internet. (TASS report via Anatoly Klepov in Glenn Hauser's DXLD Yahoo Group)

MEXICO Monday 14 August marked the end of an era in Mexico City radio. The bulldog of La Más Perrona, a name in use at XEBS **1410 AM** for 13 years, has been put down. It's been replaced by a new station in the same grupera format, "Bandolera 14-10 AM".

<https://radionotas.com/2017/08/14/nrm-comunicaciones-lanza-bandolera-14-10-am/>
(Raymie Humbert, Aug 15 WTFDA Forum via DXLD)

XEJPV **1560 AM** in Ciudad Juárez has a new format – it is now sports "Radio Deportiva".
<http://www.juarezadiario.com/juarez/inaugura-presidente-municipal-radio-deportiva-1560/>
(Raymie Humbert, 10Aug WTFDA Forum via DXLD)

A Mexican radio institution turned 80 years old on 26 July. La Hora Nacional, the bane of every DXer who hears a Mexican at 10:00 on a Sunday night, began broadcasting on July 25, 1937. Here we are, more than 4,300 airings later. It's still going, of course — there was a special edition last Sunday night to commemorate the historic occasion. They also have a special 80th anniversary logo on Twitter that looks pretty spiffy (Raymie Humbert, Phoenix AZ, July 26, WTFDA Forum via Glenn Hauser's DXLD Yahoo Group)

MICRONESIA According to the Station Manager who I met at an ABU meeting in Honiara in mid-August, V6AI Yap operates from 7am-11pm Yap time, daily 7 days a week on **1494 kHz** with 10KW. (Martin Hadlow) [2100-1300 UTC. BC]

MOROCCO A new LW transmitter is planned for **207 kHz** After interruptions in broadcasting due to breakdowns, the longwave transmitter located between Azilal and Ait in the centre of Morocco will be replaced. A tender was launched for an AM / DRM radio transmitter with a power of 800kW configured in two blocks of 400 kW and for the repair of the mast 300.50 m high. The names of the companies that won the offer will be known in a few days. The station broadcasting on 207kHz is Al Ida Al Watania [SNRT National Network], a general radio which offers varied programmes ranging from information to culture through to entertainment, with

a variety of musical programming. (Radios du Monde via WRTH Facebook page 26 July via BDXC)

PERU

- 1350 OCU6D R Municipal, Ichuña (MO16) – ex. R OCU6D (Lars Simm, ARC)
- 1450 OCU6E R Santa Cruz, Ichuña (MO15) – ex. R OCU6E // 94.7 mHz
- 1560 OCX6E R Frecuencia Perú 15-60, Arequipa (AQ30) – ex. Ondas Maravilla and Radio Frecuencia 1330. Logged by several Nordic DX-ers on 1559.922. Identified by Lars Simm via Henrik Klemetz, ARC.
- 1560 OCU4Z R Rumbo, Hualhuas (JN57) – ex. R OCU4Z. Email address is rumboradioactiva@hotmail.com (Fredrik Dourén, ARC)

PUERTO RICO

- 580 WKAQ San Juan applies to extend STA, U1 4.5kw day & night. (NRC)
- 940 WIPR San Juan granted CP to U4 8kw/7kw, new site (18-25-36/66-08-09). (NRC)
- 1300 WTIL Mayaguez, PR new format Spanish news-talk, slogan “La Poderosa” (IRCA)
- 1330 WENA Yauco granted CP to U4 1.5kw day & night, new site (NRC).
- 1350 WEGA Vega Baja granted CP to U4 2.2kw nights from existing site. (NRC)
- 1590 WGYA Guayama, PR has changed calls to WXRf. (IRCA)
[An old call reactivated – WXRf has been heard by NZ DXers in the past. BC]

USA (Items from IRCA’s DX Monitor magazine)

- 820 WWBA Largo, FL new slogan “AM 820 News Talk”.
- 900 KALI West Covina CA heard in Chinese w/ ToH ID for Radio Chinese 1300/1600. Wonder if this is a filler before a format change or actual change. (Martin Foltz CA)
- 920 KSVN Albuquerque NM has a new slogan “Lifetalk Radio”
- 1040 WURN Boynton Beach FL has new slogan “Actualidad 1040”.
- 1050 KORE Springfield-Eugene, OR has new slogan: “1050 and 95-Seven Fox Sports Eugene”.
- 1130 KXET Mount Angel, OR has new slogan “Slavic Family Radio”.
- 1140 KXRB Sioux Falls, SD format now classic country, slogan: “South Dakota’s Country Leader”.
- 1150 KGDD Portland, OR has new slogan “La Gran D, 1150/93.5”
- 1200 WJUA Pine Island Center, FL format now Spanish tropical, slogan “Rumbera”
- 1230 WBZT West Palm Beach, FL now CBS Sports Radio, slogan “1230, the Zone”.
- KSFX Roswell, NM ex KBCQ, format now classic rock, slogan: “The X”.
- 1230 KYQT Burns, OR is now silent.
- 1310 WPBC Decatur, GA has change of callsign to WJZA.
- 1330 KVOL Lafayette, LA has new slogan: “The Rewind”
- 1370 KGEN Tulare CA is using La Ley slogan and announcing 94.5 FM. (Martin Foltz CA)
- 1390 WFHT Avon Park, FL has new slogan “KISS 107.5”
- KZGD Salem OR now Bustos Media La Gran D, slogan “La Gran D 1390/97.5 FM”
- 1440 KVON Napa, CA format was talk, now Fox Sports Radio.
- 1450 KSKE Buena Vista, CO was silent, now country music format.
- 1460 WNPL Golden Gate, FL format now Spanish tropical, new slogan “Rumbera”
- 1470 WMGG Egypt Lake, FL has changed city of license from Dunedin, and new slogan is “Radio Romantica 1470”.
- 1480 WVOI Marco Island, FL is silent.
- 1590 KLRK Mexia, TX now carries ESPN Sports, slogan “ESPN 1590”.

USA (Items from National Radio Club's "DX News")

- 570 WTNB Pinellas Park FL granted STA extension, U4 5kw/10kw, Cuba QRM.
630 KIDD Monterey CA applies to extend STA, U1 300w/250w, temporary site.
760 KFMB San Diego CA application for U2 5kw/10kw withdrawn and dismissed.
860 KTRB San Francisco CA granted STA extension, U1 50kw/5kw from day site.
910 KECR El Cajon CA applies to extend STA, U3 5kw/5kw, night pattern 24 hours.
920 WDMC Melbourne FL granted program test authority for U4 8kw/4kw, new site.
1000 KXRB Sioux Falls SD call change to KSOO on 7 August.
1130 KSDO San Diego CA applies to extend STA, U1 2.5kw/2.5kw, temporary site.
1140 KSOO Sioux Falls SD swapped calls with KXRB 1000 on 7 August.
1140 WQBA Miami FL applies for STA, U1 12.5/2.5kw, repairs to phasing equipment.
1140 KXRB Sioux Falls SD format change to C&W (ex-NWS/TLK); slogan to "Classic Country 1140," "Country Leader".
1150 KGDD Portland OR now has slogan "La Gran D 1150 & 93.5."
1150 KCKY Coolidge AZ noted off air. Apparently, license was cancelled 29 June for not paying debts. (Nancy Johnston AZ)
1250 KKDZ Seattle WA applies to extend STA, U1 5kw/1.25kw from day site (day power starts at 0300 ELT after KWSU sign-off).
1320 KSDT Hemet CA granted CP to U4 with 930 watts nights, City of Licence changed to Redlands CA, new site (33-58-02/117- 11-16).
1410 KMYC Marysville CA applies to extend STA, U1 1.25kw days, 250 watts nights.
1420 KSTN Stockton CA granted STA extension, parameters at variance or U1 1250/250.
1450 KIKR Beaumont TX applies to extend STA, reduced power (U1 0.5kw day & night).
1450 KLZS Eugene OR had call change to KEED on 1 August.
1470 WMGG Egypt Lake FL – CP for U4 2800/800, ex-CoL Dunedin FL, and new site (28-00- 42/82-29-53) is on the air.
1480 KYOS Merced CA applies to extend STA, U1 5kw/1.25kw, temporary tower.
1490 KTEL Walla Walla WA applies for license to cover CP, new site.
1520 KOKC OK Oklahoma City granted STA extension, U1 10kw/10kw, temporary site.
1560 KGOW TX Bellaire granted STA extension, U3 15kw day & night, from night site.
1580 KQFN Tempe AZ applies to extend STA, D1 10kw.
1700 KKLF Richardson TX Seems the 10kw day power was creating too much QRM for the neighbours, so station is on air at U1 5kw/1kw.
1700 WRCR Ramapo NY granted STA, U1 2.5kw days, 250 watts nights from cell phone tower at 41-06-46/74-05- 35 (i.e. in Monsey NY); has lost licensed site.

USA WBBM 780 verified by full data personal E-verie in 71 days, v/s Ron Gleason, Director of News and Programming. WTAM 1100 partial detail verification letter, stickers, fridge magnets in 60 days. V/s: Ray Davis, Program Director. (Vashek Korinek, South Africa via DX Fanzine Jul17).

VIETNAM Medium wave bandscan from the Metropole Hotel Hanoi at 10.30pm (1530 UTC) on 13 August: 549 (VOV-2), 675 (VOV-1), 855 UNID, 1008 UNID, 1026 very weak, 1098 (Hue or Phan Thiet listed), 1296 in Chinese. 1575 poor.

At 8am (0100 UTC) the only MW signals audible were 549 (VOV-2) strong, 630 (VOV-1 Dong Hoi listed) good, 675 (VOV-1) strong. (Bryan Clark)

NRC LOG The National Radio Club, the World's Oldest and Largest Broadcast Band DX Club is proud to announce the publication of the 37th edition of the AM Radio Log. The AM Radio Log is a source for information on AM Radio Stations in the United States and Canada. The 37th edition of the Log contains more than 300 pages of data and cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched, US loose leaf format. This publication fits nicely into a 1" three-ring binder. 9,000+ updates since last year's 36th Edition of the log! Cross references include by State/ Provinces in frequency order. This list is ideal for targeting needed areas. Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book) and a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters. Order by snail mail by check or money order in US funds to National Radio Club, PO Box 473251, Aurora CO 80047-3251 or order using your PayPal account at <http://www.nrcdxas.org> Price outside US/Canada is US\$49.75 Global Priority Mail. (Wayne Heinen, Editor AM Radio Log, via IRCA)

KINGS OF THE KILOHERTZ

BRYAN CLARK Mangawhai reports a quieter month on medium wave due overseas travel and shortwave distractions, but managed the usual variety of trail items, the pick being a possible Argentinean on 1400. Over an hour of recordings to work through on that one. Surprised at how well the new Fijian transmitter on 990 comes through despite my proximity to Apna Auckland on that frequency.

IAN WELLS of Mosgiel has sent a few reports out recently using the League's Northland SDR, and, for a change, has found some benefit from having a EWE available to erect at home – see his Trail items below. Ian asks: "Does anyone have a working email address for the China's Voice of the Strait? Nothing I've found to date has accepted my emails."

PAUL ORMANDY Oamaru has compiled a 'super trail' consolidating the Broadcast Trail contributions over a number of years, and posted it to the DX League's Online Discussion Forum. [If anyone would like a copy, please email me and I will forward it on. BC]

STU FORSYTH in Cyberjaya, Malaysia has been playing with his new receiver and has been challenged by the technology; however, he is coming to terms with it - slowly. Loggings of AIR Jalandhar 873 and Tiruchirapalli 936 have been made, as well as veries in from CRI 1080, CFTE 1410 and Bangladesh Betar 558. BBC via Oman was also heard on 1413.

BROADCAST TRAIL

BCM = Bryan Clark, Mangawhai with WinRadio G33DDC SDR & EWEs to NE, East & SE.

IW-S = Ian Wells using the League's Northland SDR

IW-M = Ian Wells at home in Mosgiel, using a Sangean ATS-909 & 12 metre EWE to NE.

- 558 0752 FIJI Radio Fiji One very strong in local languages, with numerous IDs and announcements in EE after 0800, 27/7. IW-S
- 558 0348 FIJI FBC poor to fair in Fijian 26/8. Ident as "Radio Fiji One". BCM
- 558 0835 FIJI Radio Fiji One really struggling against dominant co-channel Radio Sport Invercargill 26/8. IW-M
- 666 1046 AUSTRALIA 4CC, Biloela relay of 4CC Gladstone. Fair signals with loads of "4-double-C" IDs, news at 1100. Rapid email verie. 26/7. IW-S

- 684 0854 AUSTRALIA ABC Radio National Kempsey NSW w/economic report, all alone 31/7. ABC news theme at 0900, BCM
- 730 0940 UNID LATIN w/SS news 'informar' format, pushing past Whangarei 729 on 29/8. Suspect the Peruvian. BCM
- 780 0935 USA KKOH Reno NV vg w/advt "Great news Nevada... Carson City Toyota... only 21 miles south of Reno" & Red Eye Radio promo 29/8. BCM
- 783 1054 CHINA Haixia Zhi Sheng (Voice of the Strait) (tentative) strong but intermittent fading in Amoy (?) time pips at 1100 and several mentions of "Haixia" around 1107 20/6. IW-S
- 990 0723 FIJI Gold FM strong in EE with sports news and weather. IDs as "Gold FM Classic Hits" 15/08/17 IW-S
- 990 0830 FIJI Gold FM surprisingly strong in EE with music and advts, 26/08/17, first DX on the EWE temporarily erected at home IW-M
- 990 0525 FIJI Gold FM new 10kw tx at good level w/pops, promos, PSAs and advts in EE thru Apna AM 25/8. BCM
- 1098 0854 MARSHALL ISLANDS V7AB Majuro strong w/islands music, announcer in local language. Sudden break into BBC news in EE 0902 then island music again from 0906. Nothing resembling an actual ID heard. 25/8. IW-S
- 1140 0744 USA KHTK Sacramento CA presumed, fading with sports 25/8. IW-S
- 1270a 0711 ECUADOR Radio Universal on 1270.091 w/popular ballads still putting decent het on 1270 25/8. BCM
- 1350 0600 UNID LATIN over Radio Sport on 26/8 past 0638 w/talk format. BCM
- 1360 0701 PERU Radio Bienstar w/ident, SS talk format, regular 25/8. BCM
- 1370a 0602 UNID LATIN on 1370.047 on 26/8 and 27/8. Format possibly relig. BCM
- 1380 0554 MEXICO XECO Mexico DF w/ "Frecuencia de l'Amour" and "Romantica 13-80" ident, soft ballads like SS version of "Feeling" good 26/8. BCM
- 1400 0916 UNID LATIN – ARGENTINA? Mainly spoken format in SS, w/time check for "...minutos en republica argentina" 3/8. Followed past 0945. BCM
- 1410a 0722 PERU Radio Corporación Wayra 1409.83 putting het on 1410 25/8. BCM
- 1430 0644 MEXICO UNID w/Mexican national anthem at this time on 24/8. BCM
- 1430 0703 USA KYNO Fresno w/"More music and no advertising from midnight till 5, on number 1, KYNO" (pronounced Kino) good 24/8. BCM
- 1610 0628 CANADA CHHA Toronto w/SS musical variety format, over Anguilla most of the evening 29/8. Followed past 1000. BCM
- 1650 0855 USA KBJD Denver w/contemporary Christian SS vocals; full id at 0900 over KFOX: "Esta es Radio Luz, Denver, estacion de... hijo, KBJD Denver, 1650 AM, Radio Luz... Corazon" 7/8. BCM
- 1660 0555 PUERTO RICO WGIT Faro de Santidad strongest early X-band signal w/evangelist in SS 4/8. BCM

BROADCAST TRAIL CORRECTIONS

Thanks to "Mr DX" Glenn Hauser who wins the prize for being the only reader of this column who picked up the two "deliberate errors" in last month's trail:

- 570 1256 USA KLAC Los Angeles CA w/sports talk 18/7 during planned outage by RNZ National Wellington. At 1301 gave "LA Sports" promo ident. Poor in noisy conditions. BCM [Corrects incorrect frequency]
- 1520 0922 USA KOKC Oklahoma City OK w/Red Eye Radio promo 6/7. Signal not as good as in past years. BCM [Corrects old callsign used]

NORTH AMERICAN X BAND AT-A-GLANCE 09/2017 (thanks to Tony King)

1610	Carib. Beacon	Anguilla	ANG	EE	religious. Dr Gene Scott /Mrs Scott
	CHHA	Toronto	ON	SS	'Radio Voces Latina' Call in SS & EE. Distinctive chimes
	CHRN	Montreal	QU	QU	South Asian Format. Radio Humsafar
1620	KSMH	West Sacramento	CA	CA	Rel. "IHR (Immaculate Heart Radio) Sacramento"
	R Rebelde	(6 Tx sites)		CUBA	SS .Distinctive 5 note chime on hour. Sync echo.
	WNRP	Gulf Breeze	FL	FL	News/Talk ABC News "News Radio 1620"
	WDND	South Bend	IN	IN	Nostalgia "America's Best Music"
	KOZN	Bellevue	NE	NE	Fox Sport "The Zone"
	WTAW	College Station	-Bryan	TX	'Newstalk 16-20 WTAW' Takes C-to-C AM
	WDHP	St Croix		USVI	Nx/talk/gospel/country. Overnight NZT BBCWS.
	KYIZ	Renton	WA	WA	Urban contemporary //KRIZ " Z Twins"
1630	WRDW	Augusta	GA	GA	" ESPN Augusta "
	KCJJ	Iowa City	IA	IA	News-talk-AC "The Mighty 16-30 KCJJ"
	KKGM	Ft Worth/Dallas	TX	TX	'Modern gospel music 1630 KKGM' IRN News
	KRND	Fox Farm	WY	SS	'regional mexican' ID " La Mexicana "
1640	KDIA	Vallejo	CA	CA	Talk/religious/life issues
	WTNI	Biloxi	MS	MS	Sport. "ESPN AM 1640 The Champ"
	KZLS	Enid	OK	OK	News/Talk
	KDZR	Lake Oswego	OR	OR	Conservative Talk "Talk 1640"
	KBJA	Sandy	UT	SS	news/talk EE ID "KBJA AM Super 1640"
	WSJP	Sussex	WI	WI	Rel. Catholic. Relevant Radio
1650	KFSW	Fort Smith	AR	AR	Contemporary Christian
	KFOX	Torrance	CA	CA	Radio Seoul. Korean/ EE ID on hour
	KBJD	Denver	CO	CO	SS Rel. Radio Luz
	KCNZ	Cedar Falls	IA	IA	"The Sports Station" 1650 The Fan
	CKZW	Montreal	QU	QU	Evangelical Christian in FF x CJRS 06/16
	CINA	Mississauga	ON	ON	Indian. "Seena Radio"
	KSVE	El Paso	TX	SS	Sports/Talk ESPN. "ESPN Deportes 1650"(850w o/n)
	WHKT	Portsmouth	VA	VA	Conservative Talk Radio "1650 The Answer"
1660	KBRE	Merced	CA	CA	AOR (Album Oriented Rock) x SS rel. x KTIQ
	WCNZ	Marco Is	FL	FL	Relevant Radio
	KWOD	Kansas City	KS	KS	Sport/Talk "Bison 1660"
	WQLR	Kalamazoo	MI	MI	Fox Sport. "Kalamazoo 1660, The Fan"
	WBCN	Charlotte	NC	NC	Conservative Talk . 'America's Pulse 1660'
	KQWB	West Fargo	ND	ND	Fox Sports
	WWRU	Jersey City	NJ	NJ	Korean
	WGIT	Canóvanas	PUR	PUR	'Faro de Santidad' SS Religious
	KRZI	Waco	TX	TX	'KRZI ESPN Radio'
1670	KHPY	Moreno Valley	CA	CA	SS religious. ESNE Radio
	KQMS	Redding	CA	CA	" News Talk Superstation 1670 AM " x KNRO
	WMGE	Dry Branch	GA	GA	"Fox Sports 1670 Georgia" x WPLA
	CJEU	Gatineau	QU	QU	Community/Children's Radio "Radio Oxygène 1670"
	WOZN	Madison	WI	WI	"CBS Sports radio 'The Zone'"
1680	KGED	Fresno	CA	CA	ID slogan "The Answer"
	WOKB	Winter Garden	FL	FL	Rel. "WOKB Winter Garden-Orlando"
	KRJO	Monroe	LA	LA	"Classic Hits 1680" "LA105"
	WPRR	Ada	MI	MI	Talk ID "Public Reality Radio"
	WTTM	Lindenwold	NJ	NJ	World ethnic id "1680 WTTM Lindenwold-Philadelphia"
	KNTS	Seattle	WA	WA	SS Religious. EE ID 00:10 after hour. "Radio Luz"
1690	KFSG	Roseville	CA	CA	Rel. SS,RR,Hmong EE ID on hr "KFSG Sacramento"
	KDMT	Arvada	CO	CO	"1690 KDMT Denver's Money Talk"
	WMLB	Avondale Estates	GA	GA	Eclectic mix. "Voice of the Arts" CBS News
	WVON	Berwyn	IL	IL	Talk
	WPTX	Lexington Park	MD	MD	Adult Standards
	CHTO	Toronto	ON	ON	Multilingual. Greek.
	CJLO	Montreal	QU	QU	Campus community - college station
	WIGT	Charlotte Amalie	USVI	USVI	Religious.
1700	WEUP	Huntsville	AL	AL	Urban contemp. Gospel "Huntsville's Heritage Station"
	WJCC	North Miami Beach	FL	FL	World Ethnic. 'Radio Mega 1700'
	KBGG	Des Moines	IA	IA	" Des Moines all news 1700 KGBB "
	XEPE	Tecate BCN	MX	MX	"ESPN 1700" sports
	WRCR	Ramapo, NY	NY	NY	Ethnic "Radio India"
	KKLF	Richardson-Dallas-Ft Worth	TX	TX	TX Tejano/Conjunto SS & EE "Kick 1700", " Banda 13 "
	KVNS	Brownsville	TX	TX	Fox Sports Radio

TV/FM NEWS & DX

Editor

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Rush FM

Have heard Rush FM 87.7 in Putaruru while traveling from Northland this past week (August 2nd). (Brian Withers)

Update from Gordon Mathieson

TAUPO			
87.6	Bitter FM	98.4	Concert
87.8	Ski FM	99.2	Radio Live
88.0	3ABN	100.0	The Sound
88.3	Star	100.8	The Breeze
88.8	The Edge	101.6	RNZ National
89.6	Cool Blue Taupo	104.0	Niu FM
90.4	ZM	104.8	RNZ National
91.2	Trackside	105.6	Life FM
92.0	Tuwharetoa	106.4	Timeless Taupo
92.8	Hauraki	106.7	1068 FM
93.6	More	106.9	Star // 88.3
94.4	The Rock	107.2	More // 93.6
95.2	Rhema	107.3	Radio Evergreen
96.0	Newstalk ZB	107.5	LFM
96.8	The Hits	107.7	Radio Sport
97.6	Tuwharetoa // 92.0	FOXTON	
HUNTERVILLE		88.3	Riverside Country R.
107.0	RNZ National	105.4	Radio Foxton
		107.3	NZ Country Music R.

NZCMR
New Zealand Country Music Radio

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LEVIN		OTAKI	
88.0	Radio 88FM (Christian Radio in English and Chinese)	88.1	88.1 FM - email 88.1fmotaki@gmail.com
106.9	Fusion FM	PARAPARAUMU	
107.3	Radio Reading Service // 1602 AM	107.5	Triple X FM
107.7	3ABN	PAEKAKARIKI	
		88.2	Paekakariki FM
HOROWHENUA - KAPITI - mainstream FM			
88.7	O.C.	96.7	Life FM
89.5	Newstalk ZB	97.5	The Edge
90.3	More	98.3	Concert
91.1	ZM	99.1	Radio Live
91.9	The Rock	100.7	The Breeze
92.7	The Hits	101.5	RNZ National
93.5	Trackside	103.9	Rhema
94.3	The Sound	104.7	Coast Access Radio
95.1	Magic	106.3	Beach FM
95.9	Coast		

There is a correction from last month's notes - in the Hamilton list I had 107.7 as S.M. Classics. This should be S.I. Classics and is not Hindi but Sri Lankan, (regular I.D. once an hour with phone number given out as 027 937 6417 and email as wmkask@gmail.com)



UTILITIES

Editor

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Saturday afternoon after the close off date and the mailbox is empty, everyone must be in hibernation. Conditions here at home have been very noisy so I have spent some time on the League's SDR. All loggings made on the Northland SDR.

FREQ	UTC	Information from transmissions heard
3485	0903	New York Radio aero weather reports noisy poor 30/8 ABD
6679	0911	Tokyo Female aero weather reports fair 0914 "Tokyo out" 30/8 ABD
8743	1932	Bangkok Meteorological Radio EE ID male announcer gave frequencies and times of broadcasts good 27/8 ABD
8828	0947	Hong Kong Volmet aero weather 0949 Male with "Hong Kong Volmet out" Fair 17/8 ABD
8867	2321	Cathay 197 calling Auckland selcal check good 1/9 ABD
8867	2323	Singapore 298 calling Auckland, selcal check good 1/9 ABD
11387	0920	Singapore Radio Male "All stations this Singapore Radio" aero weather "Broadcast ends, Singapore Radio out" very good 30/8 ABD
11387	0925	Mumbai Radio Bombay Male with aero reports very quick speech poor to fair 30/8 ABD
11387	2242	Bangkok Radio weather reports 2244 "Bangkok Radio out" fair Far better reception at 2310 UTC 1/9 ABD
11387	2251	Singapore Radio male with weather reports off by 2254 1/9 ABD
11387	2330	Brisbane Australian Volmet female with weather 2324 "Australian Volmet out" good 1/9 ABD
12365	0135	VMC Charleville sea conditions and weather 0156 "End of transmission from VMC" good 2/9 ABD
16546	0130	VMC Charleville coastal waters forecast for Queensland very good 2/9 ABD

The following are websites and Blogs that maybe of interest to members that have an interest in Utility. Utility Planet www.ominous-valve.com/uteworld.html <http://mt-utility.blogspot.com/>. This site and blog are up to date not like some that you come across on the net.

I have just been looking at the website for "The Spectrum Monitor" . You can obtain a current copy online in PDF form for \$3.00US. Section editors were contributors to the Monitoring Times and Popular Communications. Another website that will be of interest hfunderground.com which was last updated January 2017.

That's it for this month.

Arthur

LADDERS & CONTINENTS

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MEDIUMWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	June	Sep	Inc	
Ray Crawford	900	127	414	86	111	132	46	569	189	2385	2385	0	
Douglas Johns										1144	1144	0	
Sutton Burtenshaw	442	64	332	43	39	47	3	120	108	1090	1090	0	
David Ricquish	501	93	195	22	6	8	0	46	67	871	871	0	
Stuart Forsyth	473	29	106	14	22	94	1	35	73	769	774	5	
Bryan Clark										121	695	695	0
John Campbell										130	646	646	2
Paul Aronsen										50	531	531	0
SENIOR (301 - 500)													
Peter Grenfell										41	457	457	0
Günter Jacob	0	0	7	0	0	361	10	11	59	389	389	0	
Mike Smith	102	31	152	12	12	10	2	23	62	344	344	0	
FM-TELEVISION													
Douglas Johns										1132	1132	0	
Bryan Clark										5	152	163	11

SHORTWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	June	Sep	Inc	
n.b. * next to Sth America total means you have verified ANTARCTICA													
Ian Cattermole	307	604	659	351	395*	3602	509	1871	209	8298	8298	0	
Günter Jacob	305	366	365	172	202*	1931	551	1585	176	5477	5482	5	
Douglas Johns										3223	3223	0	
Ray Crawford	177	111	186	120	274*	929	282	565	233	2644	2644	0	
John Durham	116	95	224	113	152*	983	252	551	266	2486	2486	0	
John Campbell										264	1732	1732	0
Bryan Clark										244	1620	1622	2
Paul Aronsen										125	806	806	0
Peter Grenfell										141	777	777	0
Stuart Forsyth	62	28	16	16	34*	213	53	195	115	603	617	14	
UTILITIES													
Douglas Johns										36723	36723	0	
Günter Jacob										14	18	18	0

COMMENT:

Sad to record another Life Member, Peter Grenfell has passed away. Peter was one very approachable person whose wise counsel was often requested and freely given. As a mark of respect Peter will remain recorded on this page until the next period commences. I found a couple of glitches on this page recently so could you all please check your totals. It may have been my fingers but I think it's a good idea to check from time to time. My fingers really did go astray with the new email address for this page. However I have added the second "l" at this end and those that simply hit reply to my reminder got back to me okay. Best DX to all, Sutton.

ADCOM REPORT

Editor

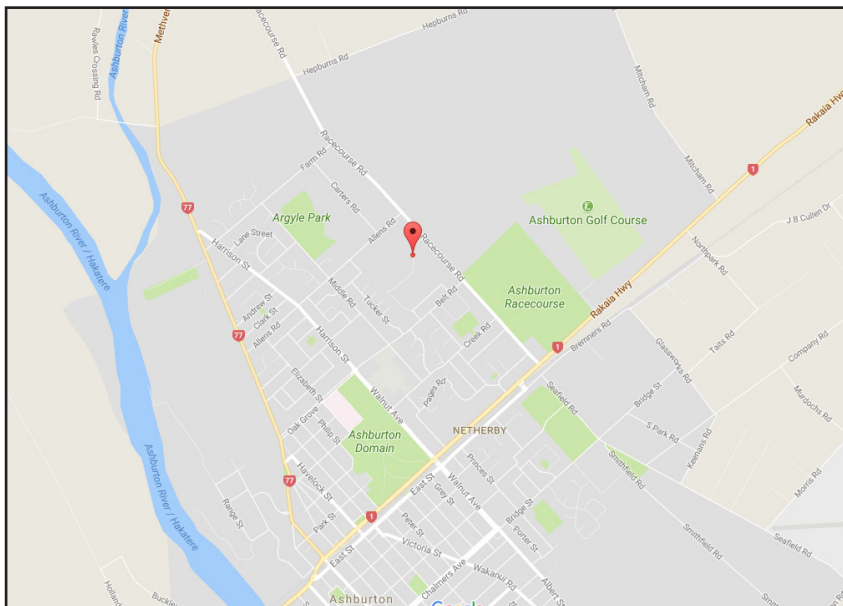
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ANNUAL GENERAL MEETING - the League's 69th Annual General Meeting will be held on **SUNDAY 5TH OF NOVEMBER 2017 at Lochlea Lifestyle Resort, Ashburton** commencing at 2.00pm. The meeting will be held in the Lodge or the League's President villa, depending on the number of members that indicate that they will attend. Further information in the September and October DX Times. South Island members this your chance to attend an AGM and meet other members. Afternoon tea will be provided after the meeting so there will time to mix with other members.

Any remits are to be the hands of the National Secretary by the 10th September 2017. Remits and a proxy form will be included with the October DX Times.



Greetings were sent to the **European DX Conference** which was held in Finland on the 18-20 August. They were also celebrating 50th anniversary. A reply was received from Risto Vahakainu, the organizing Chairman - Hello Arthur, I recall your name (not really face) from 98 and later I've been reading your magazine with help of Mark Nicholls and now later I get it from Stu Forsyth. So I know rather well what's going on down there. Sad to hear about Peter Grenfell, I remember him from 98. And that was absolutely one of the greatest trips of my life. Thank you very much fro your greetings, we'll air them in the meeting. I wish I could come to NZ next year, but right now it doesn't seem possible. All the best Risto



On the **shortwaves.com**

From NZRDXL member Jerry Berg, 38 Eastern Avenue, Lexington, MA 02421, USA
NEW HISTORY MATERIAL AT <http://www.ontheshortwaves.com>

< www.ontheshortwaves.com > Update, July 30, 2017 -- You may be old enough to remember S. S. Kresge's, but you probably weren't around when they had a radio department that sold tubes, batteries, parts, speakers, and the Pilot "Super-Wasp" receiver in kit form. For their 1929 radio catalog, look under "DX History/Equipment & Advertising." -- Under "Specialized Resources/Active Inactive SWBC Countries" we have added a recent calculation of active-inactive countries based on the Swedish DX Federation/EDXC list. This list was prepared by Lennart Weirell of Vasteras, Sweden. -- And under "Specialized Resources/Wavescan," Adrian Peterson fills us in on "The Radio Scene on an Almost Canadian Island in the Caribbean" (Wavescan N439, July 23, 2017).

< www.ontheshortwaves.com > Update, August 6, 2017 -- Under "DX History/Stations" we have posted several items in a mini-tribute to Radio Universidad de Costa Rica. One looks to be a regular RUCR envelope (note the inclusion of the shortwave channel on the bottom front, but not the back), with two stamps commemorating the writing of the lyrics to the Costa Rican national anthem by Jose Maria Zeledon, and a cancellation commemorating the 55th anniversary of the station. The date of the cancellation appears to be written as "14:22 Julio, 2004," which I believe was the celebratory period, July 14-22. The station came on the air on November 29, 1949. There are some online references to the station's history < <http://radios.ucr.ac.cr/radio-universidad-de-costa-rica-67-anos-de-radio> > and also to the 2004 celebration < <https://semanariouniversidad.com/cultura/radio-universidad-55-aos-de-hacer-historia/> > You will have to rely on your Spanish for the full story, which is contained in "Historia de Radio--Radioemisoras de la Universidad de Costa Rica," published in 2014 < http://www.ontheshortwaves.com/Universidad/Historia_de_Radio-2014.pdf > Also posted: a recording of their shortwave channel, 6105 kHz., made on June 6, 1998, at 0604 UTC s/ off; and a 1978 QSL belonging to the late John D. Tuchscherer. -- Domestic Broadcasting Survey Editor Anker Petersen has been tracking the status of tropical band broadcasting for many years. Under "Specialized Resources/Active-Inactive SWBC Countries" we have added a file containing his findings on the status of tropical band broadcasting, specifically, the status of tropical band broadcasting in 2017 vs. 1973, 1985, 1997 and 2009, and the status of tropical band broadcasting each year from 2000 to 2017. Thanks, Anker.

< www.ontheshortwaves.com > Update, August 13, 2017 -- In "DX History/QSLs & Other Station Memorabilia," we remember the Edgewater Beach Hotel in Chicago. It should ring a bell with students of the early American broadcast band scene, for it was the first home of Zenith station WJAZ, which had developed out of the famous Chicago Radio Laboratory ("Mathews and Hassel") amateur station 9ZN in 1922. It was for promotional purposes that the hotel offered a home to WJAZ, which operated initially on the common broadcast band channel of 360 meters, moving to 448 meters (670 kc.) in 1923. The station left the hotel after a year, changed its call letters to WGN and sold WJAZ to the hotel, which changed the call letters to WEBH. (WJAZ lived on in other incarnations.) The story is memorialized in

Continued on page 11