



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

October 23, 1982

Volume 20, Number 5

Issue Number 626

We'll open with several flashes this week. KGAA-1460 in Kirkland, WA is planning to begin nighttime operation in early November and will probably be testing their nighttime array by the time you read this. According to a station employee they'll "never again turn off their transmitter". Also, KGDN-630 will begin nighttime operation early next year with nulls towards CKOV and KOH, with an 0600-2400 PIT sked. Bill Harms noted an unid SS (probably Mexican) on 812 kHz around 10/14 until well after midnight MDT. Pat Martin reports his local KAST has been on 1390 (normally 1370) since about 10/10, it's apparently an unauthorized move (it was heard quite well here the evening of 10/15). Finally, Rob Harrington says KHOW-630 will go AM stereo 11/1 and is changing its nighttime array from three towers to four. Now, on to the table of contents.....

Eastern DX Forum	2	Central DX Roundup	14
Western DX Forum	3	Western DX Roundup	15
Your First 40 Transatlantic Countries	5	DX Worldwide East (2 of 'em)	17
Eastern DX Roundup	14	DX Worldwide West	23

The Next Almanac is Coming!!

The third edition of the IRCA Almanac is now nearing completion and should be at the printer's some time in November. It will include a whole bunch of useful and hard-to-find information, including slogans, network affiliates, sports networks, satellite networks, religious program station lists, lists of stations carrying syndicated programs (American Top-40, etc), Utility stations, non-English broadcasts, the latest frequency check list, and much more. Until November 22, we'll be accepting prepublication orders at the low price of only \$5.00 (IRCA members only). After that, the price will go up to \$5.50 for IRCA/NRC members (\$7.50 for foreign members) and \$6.50 for non members (\$8.50 foreign). To reserve your copy, send check or money order to the IRCA Goodie Factory, P.O. Box 17088, Seattle, WA 98107.

SWLs in the club might be interested in the "International Listening Guide", which lists the English transmissions for the whole world, and includes target areas, frequencies, times, news broadcasts, and DX programs. It is published in West Germany four times per year. The North American rep for it is Rob Harrington. A sample copy costs \$1.50, a one year subscription costs \$4.90. Make check or M.O. payable to Rob; his address is P.O. Box 3434, Littleton, CO 80161.

If anyone is having trouble IDing a European logging, IRCA member Bjarne Hansen is willing to listen to it. He can accept cassettes only (no reel-to-reel tapes), and asks that you also send full reception info, two U.S. or Canadian air mail stamps, and a self-addressed envelope. His address is Halvdan Svartestveit 12, N-4600 Kristiansand, NORWAY.

Spectronics Inc., 1009 Garfield St., Oak Park, IL 60304 has a free catalog available. They sell Sony, Panasonic, Kenwood, Yaesu, Drake, MFJ, and other products through the mail.

CPC tests, as you may have noticed, are virtually non-existent so far this season. If you'd like to do something about it, write to our Courtesy Program Committee chairman, Phil Bytheway, 9722 Mary Avenue N.W., Seattle, WA 98117. He'll send you a packet of information explaining how to arrange CPC tests.

That about does it for this week's front page. Keep the contributions coming in, gang; see you in a week. bp.

EASTERN DX FORUM

RICHARD EVANS
P.O. Box 1294
NORTH WALES, PA 19454

Reports from members living EAST of the Miss. River
Deadlines: Saturdays thru 3/19/82

Philip Boersma, 15570 Cleveland, Spring Lake, Michigan 49456

I'm overdue for a Forum. Rick, in reference to your question on legal IDs: I don't think the FCC gives a rat's bumpkin about what stations call themselves, other than the on-the-hour ID. They have relaxed their rules on everything so much now that in the case of a few stations, they may never properly ID and get away with it. Program logs aren't required anymore, "operator licenses" are a joke; some station PDs and managers are so woefully ignorant of what constitutes a legal ID that it's a wonder they ever mention their calls. Examples: KMJJ-1140's "legal" ID at the top of the hour is (pay close attention to the punctuation): "KMJJ North, Las Vegas". So much for serving a smaller community. KPPL (FM) IDs as "KPPL, with Opportunity for the inland empire". KPPL is licensed to Opportunity, Wash. A station in my area used to call itself "950" when their calls were WLRC and their frequency was 1490. And of course there's KJET, Seattle, which loudly proclaims its frequency as "1600" when it's on 1590. So "Easy 101" is not the first station to try to deliberately confuse and/or deceive listeners. The practice will no doubt become even more prevalent as the FCC continues to do its level best to destroy any sort of restraints on radio; including such little trifles as station IDs, adherence to power and pattern requirements, and interference standards (or the lack of them). Bleah.

Glenn Hauser, Box 6287, Knoxville, Tennessee 37914

(cont. from last week) WREC-600 Memphis, Tenn is heavy into MOYL, a format I approve of only insofar as it is a relief from the freneticity elsewhere across the dial. That reminds me, the week before going the other way across northern Arkansas I occupied in the daytime the equal-null spot between WHBQ-560 Memphis and KWTO-560 Springfield, Mo., where I entertained myself by counting the fades to compute the subaudible heterodyne between them as about 3.17 Hz. Remember that. During Paul Harvey, WKDF-103.3 FM Nashville, Tenn. had music in the background, after which they apologised on the air for being unable to get rid of WKDA-1240. A few other out-of-order odds & ends I noted in the Log--Another net change is WOV-590 Omaha, Neb., which carries Paul Harvey so can't be only N/K. But they were already with ABC during my Oklahoma visit last year and may be the one before that. WSVT-710 Smyrna, Tenn. was active on the frequency when checked Aug. 9. The silent period of KGNC-710 Amarillo, Texas as given in the NRC Log, Tues morn from 0208 is correct, as I discovered, tough luck to Larry King listeners--quick, retune to 560 thru 600 where he seems to be on every frequency from somewhere, which one dominating varying from minute to minute. KRMG-740 Tulsa, Okla. noted with Ai news delayed to :30 past the hour. WAJN Ashland City, Tenn. is now active on 790 with the non-ID "J-79" and Tenn. network. On 800, I note an error in the NRC Log, WDEH is in Sweetwater, Tenn, not Texas. KXKS-1190 Albuquerque, N.M. noted to be Spanish, as was KZIP-1310 Amarillo, Texas, not so listed in Log (heard them in local areas, so no doubt of location but didn't stick around to confirm calls). Semi-finally, a couple of local Knoxville notes: While retaining WHEL call at least for the present, this 1240 station switched in the second week of August from MOYL & Larry King, to the "WIMZ sound on AM", i.e. rock like its sister FM 103.5, but not parallel, finally bringing rock back to this market on the AM band, but who needs it? Larry King didn't miss a beat, jumping to WKGN-1340, as he plugged them as per custom every night for a week; and they repaid him by preempting him for some silly ballgame on Aug. 17-18 at least. By the way, the call WKGN goes back many years, but fits perfectly without much strain at all their current format as "Where Knoxville Gets News". (concluded next week...)

Mike Sapp, 1902 York Drive, Woodbridge, Virginia 22191

Hello again. I just bought a Panasonic RF-2600. I found it on sale as a display model at a local discount house for \$99. I just couldn't pass up the bargain. 2 position selectivity and digital readout to 1 kHz make it a nice receiver to use. Kind of big for a portable, but there's a lot of room inside the cabinet for modifications and service. The review in the IRCA Technical Manual is right on. I could not get the Radio West Loop or the Palomar Loop to work through the external antenna terminals,

(Sapp, continued...) but the SM-2 would. The internal ferrite loop is very small and not very sensitive. I guess I will have to modify it so I can use an external loop. The narrow selectivity position does not seem to be as narrow as the filter in the RF-2200, but there is not much difference. A high quality ceramic filter would make this a good receiver to DX LA splits. I was glad to see the review of the Realistic 12-650. The GE World Monitor II, Model 7-2990 with AM/FM and 4 shortwave bands, looks like a high performance receiver. It is a portable with digital readout, RF amplifier, narrow/wide selectivity, and BFO. It is similar in appearance to the RF-2600. I used it for just a quick spin through at the dealer and it seemed very sensitivity on the BCB. It lists for \$235.

Richard C. Evans, P. O. Box 1294, North Wales, Pennsylvania 19454

Big news here is a verie finally made it to the box--and for a station reported to since the last time I typed a column! v/1 from WLSH-1410 Penn. for reception on 10/2 and reported on 10/3. Regarding Charley Keleher's comments last week on AM Stereo, I just read an article in the 9/82 issue of Religious Broadcasting which pretty much pans AM Stereo calling it "a gimmick just like FM stereo". The author seems to feel that the Kahn and Harris systems are better than the Belar, Magnavox and Motorola systems, but, since I am not technically oriented, I won't argue either way with him. I normally listen to radio for either DX or as background music while doing other things, so stereo either on AM or FM means little to me. Very seldom do I just sit down and listen to the radio for itself. A reminder is due that this column is for reporters who live east of the Mississippi River--all others should report to Rick Heald somewhere in California. (Don Moore is slipping into this column on a technicality as he is from the Commonwealth of Pennsylvania.) I'm now allowing approx. 40 lines per report. If I have to divide reports into two parts, then I cut at a good point between subjects, rather than an absolute adherence to 40 lines, giving you plus or minus 40. The important thing is to report, and we'll take care of the technical aspects of typing it here. PTL.



Western DX Forum

★ ★ ★ ★

HRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, 1632 J St., #4, Eureka, CA 95501

1982/3 DEADLINES - WEEKLY ON TUESDAY, 12 DAYS PRIOR TO PUBLICATION DATE

MARK STRICKERT, 706 25th AVE., SAN FRANCISCO, CA 94121

Hello. Long time no see. Apparently my last couple of forums took a wrong turn while heading up 101, but I'll try again. (Ya sure they didn't get lost at Carberville? Hi-Rth.)

Went on two DX'peditions to Pt. Reyes with Steve McGreevy, pulling in Fiji, Kiribati, Tonga and the usual junk from Australia, New Zealand, Hawaii, etc., all on MW even. There's to be a big one out south this weekend (09, 10 October) where with luck, I would hear new stuff, like for instance, KRML 1410, hi.

Per tip from Steve, heard faintly and briefly a SW pirate on 9930 or so, claiming to broadcast from Marin with over 30 watts, though if it is indeed there I should be getting a clear signal? Or is this a new identity for the Radio Free San Francisco that I never heard here though I'm told it actually operates out of Eureka or thereabouts. (Probably Manila or Samoa, hi-Rth.) Any SWL'ers out there that can help, please? (Was KMUD operating from a houseboat in Sausalito. Burned to the ground and made KPIX TV news-Rth.)

I wouldn't risk losing your bucks trying for those flags from GWDXA. I'd donated stickers and other radio junk to their GTG back in June, on the promise that I'd get some stickers in return. . .well, I gave up holding my breath after 15 weeks, and still not even a "haha sucker" from the HQ, so be warned. Oh yes, I'm always looking for more sticker-traders, and even air-checks traders, the latter especially from Boston, New York City, Miami/Ft. Lauderdale, Atlanta, Buffalo, Toronto, Great Britain or Phoenix.

Next week, we compare the DX-300 to the new Chef's Salad at Jack-in-the-Box. (Excuse me while I find my airsick bag, hi-Rth.) 73 de MAS.

DAN SYS, 45 E. 16th AVE., #305, VANCOUVER, BC V5T 2T1 CANADA

Greetings from the rudest tapesponder this side of the 49th. Nothing very much happening up here these days except Vancouver will probably be getting a new AM station sometime in 1983. No details have been released yet, but the inside info has it that four groups have applied and the CRTC will grant at least one of these applications. As soon as I find out the frequencies involved, formats and power (no doubt 50 kw NSP) I'll forward the info on.

In the 28 August DXM, Frank Aden mentioned that Bill Block and he were interested in forming some sort of bulletin for sticker collectors. I'd like to mention to Bill, Frank and everyone else who is interested in stickers, surveys, coverage maps, etc., that the GWDXA has changed its name to Radiophiles and a heavy emphasis is now being placed on the collecting of promo material. The bulletin also includes lots of radio gossip, descriptions of various markets and formats within, plus DX coverage has been expanded to include FM. If you're interested, contact Radiophiles, P.O. Box 18056, Pittsburgh, PA 15236 for a sample and information. 73.

FRANK ADEN JR., 4514 SE 83rd #5, PORTLAND, OR 97266 (503) 228-8571 Days, (503) 777-2922 Evenings

KWIP reports they'll be on 880 at the end of October. (Swell-RtH.)

The IRCA TA phone net got its first work-out last month with several members hearing what probably were Europeans. Bill Block and I got a station on 1206 we believe was France. I hope we get another chance for Europe again this season.

Seattle, I need more info sheets. Already got a couple of new members by handing them out. New member in Boise is Mark Campbell, not Mike as reported in DXM.

Any IRCAnS thinking about getting the new Sinclair Z81 computer? I'm considering buying one later this fall and am curious about the possibilities of a station logging data storage program. If I do get the Z81 it'll be with the additional 16K memory. Anyone with information please write.

Got back two weeks ago from a trip to the Bay Area and Boise. KBOI should have dropped Joc Radio (same with KPNW) by now and will be running to new Herb Jepko program after midnight (MLT). I have a large quantity of KBOI stickers and will trade one for one. 73.

RIC HEALD, 1632 J ST., #4, EUREKA, CA 95501

Well, finally got the new banner for WDXF pasted up and run off, Seattle should be glad, hi.

Mark, all my mail was forwarded from Santa Rosa (to my knowledge) by the office manager at the travel agency where I worked there (she had the key and forwarded two-to-three times a week) and the formal mail change with the Postal Service has now kicked in. Sorry I missed them. Anyone else experience a problem? Nothing like having no choice about be transferred and, I might add, on a moment's notice. Now had I orchestrated the move. . .hi.

Back to a Tomer comment a few weeks ago, Randy, I didn't have cracked ribs, ribs 7, 8, 9 were fractures, and there's nothing the docs can do. Ouch.

Speaking of Tomer, he's getting really bold lately. He's practically begging me to let him type the column now. Down boy, if the rest of the BoD agrees with my vote you'll have your hands full with Swap and Sell, hi.

DX? Ha! Where did it go to? Just a few weak hets once in a while. Even Hawaii is weak. Did listen this morning 0500-0600 (13 October) and caught W. George Elliott on CKOK the first 20 minutes. . .sounding good, WGE.

The series will be over by the time this hits print, but, go Brewers, go. Glad to see our Giants come from out of nowhere and spoil the Dodger's bid.

Nothing more to say, so will leave beaucoup's room for Seattle. 73 de RtH. .

Bruce Portzer - 6546 19th Avenue N.E. - Seattle WA 98115

Merci beaucoup, Ric, but by the time I repasted the forums, there wasn't all that much room left, hi. It was interesting reading Mark's and Dan's forums this time...who says IRCA doesn't present a balanced view on controversial subjects, hi. Glen Hauser: KHBK-1550 had a British (possibly Aussie) announcer in afternoon drive when I was in Amarillo last winter. But he was gone when I was there in July, so maybe he's one of the guys you noted in recent forums. I wonder what it is about Texas that attracts transplanted Limeys, hi. I've got another station to add to Bill Hardy's and Phil Boersma's list of sneaky IDs: KJQN-1490, which IDs as "15 KJQ" most of the time, except at the top of the hour when their ID is "15 KJQ n Ogden". I like Pat Martin's idea of expanding our definition of the ECB to 1700 or 1800 kHz. I like to check that part of the dial periodically for beacons and other utility DX. I believe that in 1985 or 1986, 1600-1700 will be reallocated for broadcasting stations in N & S America, so we'll have to deal with it eventually. Out of room for this week. CU later.

Your First 40 Transatlantic Countries

(AND THEN SOME) by Mark Connelly WA1ZON -OCT '82

This article intends to prepare the Transatlantic (TA) DXer for the 1982-1983 season with an updated list of countries in approximate order of reception ease, along with information about best reception frequencies & times. Propagation analysis strategies are also brought into play.

As most TADK is reported by those living in the northeastern US and south-eastern Canada, the reception notes have been formulated with this area in mind. Midwestern (Great Lakes area), southern (FL, GA, TX, etc.), and northwestern (OR, WA, BC, etc.) DXers also hear the TA's: many of the reception notes may be of use to listeners in these areas, but differences do exist - especially with regard to east coast sunset DXing information not applicable to those farther west. Of course, Brian Vernon up near the North Pole is a completely separate TA DX case unto himself: a strategy for his site would bear little resemblance to that for any DXer in the lower 48 United States.

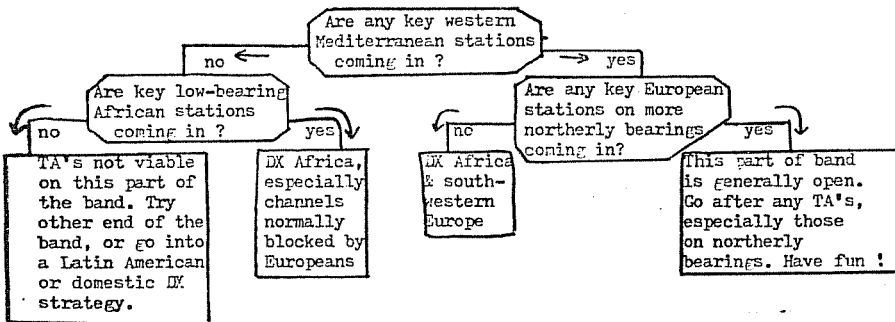
As a preface, the prospective TA DXer should have access to worldwide sunrise/sunset tables, a copy of the latest World Radio-TV Handbook (WRTVH), and a suitable receiver. The receiver and antenna required to hear TA's is dictated largely by the listener's location. Armed with no more than a car radio with whip or an unaided Realistic TRF, a DXer will have no trouble pulling scores of TA's if he's at Waterfront Park in Boston at sunset in autumn & winter. Even if it's auroral, some of the big Africans should show. For those not lucky enough to be at a perfect site with ocean towards Europe/Africa and obstructions towards most domestics, better receivers and antennae will be required. A good communications receiver with tight filters (e. g. R390A, K7, HQ180A) and an amplified high-Q-tuned air core or ferrite loop, possibly augmented by phased longwires or Beverages will definitely help you haul in more TA's, regardless of your location.

Inexperienced DXers should hone careful split-station tuning skills by practicing on powerful Pan-American splits such as St. Kitts - 825 and Surinam - 725. Keep tables of TV "birdy" frequencies & LA splits at hand: not all non-10-kHz. channel signals are from Transatlantics.

The quickest way to ascertain whether TA DX possibilities exist is to check several frequencies known to have strong signals under even mediocre, let alone good, conditions. The stations checked should be distributed evenly between low-band & high-band and between lower latitude & higher latitude bearings. Actual stations checked may differ as a function of time.

A working TA DX strategy is outlined by the following block diagram & tables of key stations:

Strategy Block Diagram - Flow chart to be executed for high-band stations and for low-band stations (key stations in tables to follow)



Key stations to use in "decision blocks" of strategy diagram

	(2000-2400) local sunset	(3000-0400) mid-evening	(0400-0800) TA station dawn
<u>Low band (500 - 1000 kHz.) run</u>			
<u>western Mediterranean:</u>	Spain - 738 Portugal - 756 Spain - 774 Algeria - 891	Spain - 738 Spain - 774 Algeria - 891	Spain - 738 Spain - 774 Algeria - 891

* * * * *	* * * * *	* * * * *	* * * * *
<u>low-bearing African:</u>	Senegal - 765	Canary Is. - 621	Senegal - 765 (after 0600)
* * * * *	* * * * *	* * * * *	* * * * *
<u>higher-bearing European:</u>	UK-648,693,882,909 E. Germany - 783 W. Germany - 756 (compare the two Germans listed w/co-channel Portuguese)	UK- 882, 909 W. Germany - 756	UK-693,882,909 W. Germany-756 Holland - 747

<u>High band (1000 - 1700 kHz.) run</u>	<u>local sunset</u>	<u>mid-evening</u>	<u>TA station dawn</u>
<u>western Mediterranean:</u>	Tunisia - 1566 Monaco - 1467 Albania-1395*	Spain - 1224	Tunisia - 1566 France/Malta-1557 Monaco 1467 *
* * * * *	* * * * *	* * * * *	* * * * *
<u>low-bearing African:</u>	Mauritania - 1349 Guinea - 1404	Guinea - 1404	Mauritania - 1349 Guinea - 1404
* * * * *	* * * * *	* * * * *	* * * * *
<u>higher-bearing European:</u> (& Middle East)	Saudi Arabia-1521 W. Germany-1422, " " 1593 UK - 1053, 1089	UK-1053,1089 W. Germany-1422, " " 1593	UK-1053,1089 W. Germany-1422, " " 1593

When using the above TA-hunting strategy, the DXer must keep station operating schedules in mind: consult the WRTVH and the country-by-country breakdown to follow. The concepts presented in the previous strategy may someday find application when computer-controllable receivers become common.

Most experienced TA DXers have evolved one or more working schemes possibly similar to the above. Occasionally, a departure from standard TA hunting schemes in favour of a complete bandscan, or search for split-frequency-station-caused heterodynes from the bottom of the dial to the top, is advisable.

Check WWV (2.5, 5, 10, 15, or 20 MHz.) at 18 minutes past the hour from time to time to keep abreast of A & K index information. Some DXers have found that keeping track of these numbers has helped to give their DX activities a sense of direction and has helped them correlate these indices of geomagnetic activity with real-life TA DX propagation patterns. The A index (A fr: A index, Fredericksburg, VA) is that most commonly mentioned in DX circles. It ranges from 0 to over 100.

Favourable high-latitude TA DX conditions are associated with several consecutive days of low geomagnetic activity (A indices less than 6). Disturbed conditions are indicated by somewhat higher A numbers: often such conditions produce short-skip and/or semi-auroral conditions with low-band receptions limited to the western Mediterranean region of Europe (Spain, Portugal, southern France) and Africa. Higher-latitude stations may still get through on frequencies above 1400 kHz.; such stations (e. g. 1593) often exhibit fast-flutter type fading. Really auroral conditions occur with high geomagnetic activity (caused by solar disturbances) when the A index soars above 20. The only TA's likely to be heard are Africans well to the south of the Mediterranean coast countries -- check Guinea-1404.

During a heavy aurora, it's best to concentrate on Caribbean & South American DX. The really choice Africans are generally only heard with Beverages at the beach, preferably from outer Cape Cod or from Maritime Canada (à la Mike Dunn). Such aeriels should be over 400 metres long, aimed at a $105^{\circ} \pm 10^{\circ}$ bearing away from the DX shack.

The author has found that a loose correspondence between the A indices and real-life propagation exists and that obtaining these numbers provides an interesting supplement to DX information; however, a DXer should always check key stations (using a TA strategy similar to that outlined earlier in this article). Never write off a potential DX session before checking actual MW receiving conditions just because the WWV propagation alert sounds discouraging.

Autumn and winter provide the best TA DX but some TA's can be heard year 'round. Spring and summer can provide unique opportunities especially with regard to high-band Iberian peninsula stations. These stations remain in darkness well after the summer sun has risen at co-channel transmitter sites in more northerly countries, such as West Germany. Many Africans have been received in May, a month not generally considered good for DX. Historically, late August through early April has been thought of as the TA "DX season": late September through early January is usually the best part, as the "mid-winter anomaly" (thought to be related to the effects of lower ionospheric temperatures) slows things down a bit in the latter part of the winter. Around Christmas & the winter solstice, one can profit from the fact that darkness lingers longer in northern Europe than in the Mediterranean: e. g. as Algeria - 549 enters daylight and fades, the West German on that channel is left in the clear long enough

to get reception report details or a good tape. A brief sunset/sunrise chart is included as an appendix to this article; longer ones (both in map & tabular forms) are available as NRC & IRCA reprints.

ID'ing stations

Stations in English, of course, present no problem. Such stations represent a very small piece of the TA DX pie, unfortunately. On other stations, the frequency & the language certainly get you a long way, at least towards a tentative ID. Use shortwave broadcasts to get accustomed to the sound & some of the rudimentary vocabulary of a number of languages from the three major European groups: Germanic, Romance, and Balto-Slavic. If the station is the only one on the channel listed with the language heard, if it has been reported by other DXers in your area, and you hear other stations close in terms of frequency & in location to the station in question, you can pretty much log the catch with about 90 % certainty. That last 10 % of doubt can be removed with reception of a formal ID (generally heard at the top of the hour); an interval signal (some, such as Albania's trumpets, are very distinctive); or, in the case of the rare commercial station, advertisements mentioning local cities or brand names peculiar to one country. One must dig for as much identification material possible, especially if the language being used cannot be recognized by the DXer or if several different countries are on the channel with the same language or similar-sounding languages. Stations such as Vatican City, the Albanians, Monaco, & the France-Culture outlets may run many different languages within a short time span; furthermore, what one hears on one of these outlets at a given time one evening may be replaced by programming in a different language at the same time the following night. Format (e. g. rock music or religion) or cities & people mentioned on news broadcasts are supplementary pieces of information which may help to nail down an ID.

Other DXers may be able to dissect information from a tape that, to the original recipient of the signal taped, sounds like gobbledygook. In the early '70s, a peak period in terms of scientific DXing, DX bulletins published the EBU List with precise frequency measurements and drift data on TA stations. PFM (Precision Frequency Measurement) and SAH (Sub-Audible Heterodyne) analysis techniques were briefly in vogue as additional tools to ID TA's. Loop direction-finding (DF'ing) may also help, once a DXer has accurately calibrated a bearing chart by using both a compass (and/or solar position) and nulls of known-location TA DX, LA DX, and domestic stations on a number of frequencies throughout the band.

TA DX stations heard, even routine ones, should be reported to the two principal international DX columns. What somebody in MA or on LI thinks of as routine is probably a good catch in the midwest. To stimulate TA DX from sections of the US away from the east coast and to aid in the study of propagation patterns, report all TA's. For those "into" propagation study, the emergence of the home computer has helped to take much of the "dogwork" out of such studies.

In the list to follow it should be noted that stations' schedules change, so sign-on (s/on) & sign-off (s/off) times are only occasionally given; all times given are in GMT/UT. Recent DX bulletins, the latest WRTVH, local sunset, and European/African sunrise charts should be consulted to determine likely times of fade-in, s/off, s/on, and fade-out for specific stations.

40 selected Transatlantic countries, in approximate order of reception ease (from MA) over the course of a single DX season (SEP to APR), based upon frequent listening at times evenly distributed between local sunset and transmitter sunrise. (Frequent listening means a daily average of 30 minutes DXing time).

Note: St. Pierre & Miquelon - 1375 is not considered a TA for the purposes of this article.

C A T E G O R Y A : V E R Y E A S Y

1. ALGERIA Algiers on 891 is generally the strongest TA signal heard in the north-eastern states. It is present even during mediocre openings (therefore, a good propagation beacon). Best reception is from half an hour before local sunset to an hour after sunset: WLS - 890 QRM is at a minimum during this period. Even later in the evening, this station gives WLS a run for its money, hettling it strongly and, on better nights, completely swamping it out (WLS becomes the het). In such cases, a TRF or car radio does fine. Programming on 891 is primarily Arabic music & talk. A few times French has been noted. Other Algerians are frequently noted on 531 & 549 (both often parallel to 891). 576, 1422 and others are also occasionally reported. The Algerians are usually heard running all-night schedules.
2. SPAIN Like Algeria, Spain is on a southerly TA bearing less subject to auroral blanking than bearings to northern Europe. Spain has many high-powered, largely all-night split stations for the newer DXer to hear with unsophisticated gear; these big stations (mostly the government RTVE-RNE outlets) help to tip off experienced DXers to the possibility of receiving the scores of lower power private stations in Spain. The big channels include 585, 639, 684, 729, 738,

774, 855, & 1359. Several others are also good, especially at shore sites just after sunset. Local channels, especially 1314, 1413, 1476, 1485, 1503, 1584, & 1602 have also provided good DX opportunities. All stations program in Spanish; music may be either pop or classical.

3. FRANCE As one of Europe's larger countries - in terms of land area, population, and industrial output - France, not surprisingly, has many powerful transmitters. Many do not operate a 24-hour schedule, so they are best heard before 2300 and after 0500. Schedules vary, so check recent DX bulletins & the WRTVH. French talk (including drama) and a wide variety of music may be heard on 711, 837, 864, 945, 1071, 1161, 1206, 1377, 1494, & 1557. Programs often feature alternating male & female announcers. Several of these outlets run the France Culture program which includes non-French programming: Arabic, Spanish, and a number of other languages (including Slavic tongues) may be noted. Checking parallel frequencies is the quickest way to ascertain whether a station not transmitting in French is one of the France Culture outlets or something in a completely different country. Although longwave is beyond the scope of this article, the superpowered outlet at Allouis on 164 kHz. should be mentioned as a TA propagation beacon of sorts.
4. MONACO A superpowered transmitter on 1467, used by Transworld Radio & Radio Monte Carlo, makes this small nation one of the easiest Transatlantic countries to hear. From local sunset to 0000 CMT, religious programming in several languages has been noted: English may be heard until 2330, then a half-hour containing Spanish and/or French before s/off. S/on with open carrier & a characteristic 'music-box' interval signal proceeds from about 0400 to 0445 or 0500, then German programming commences. Lately, some have noted the open carrier running throughout the evening from 0000 to 0500 s/on. If this could be depended-upon or if 1467 went to 24-hour programming, we would have a very valuable high-band mid-latitude TA propagation beacon, indeed.
5. SENEGAL Dakar on 765 is among the most consistent TA signals: this is due largely to its bearing, 104° from MA., very southerly for a TA. Auroral conditions that totally wipe out European reception and severely attenuate Mediterranean area North African stations frequently leave Dakar unscathed; in fact a moderate aurora sometimes provides enhancement of 765, in terms of real strength as well as in terms of improved readability due to reduced QRM. This station is generally off the air from 0100 to 0600, although this may vary somewhat. The local sunset period is especially good at coastal locations; the transmitter sunrise period is of possible use to those inland (as well as on the coast) because of higher incoming skip arrival angles. The 0600 to Dakar dawn period, unfortunately, is during a time of much greater WABC & WJR slop than one encounters at sunset. Dakar - 765 runs French, Arabic, and a variety of local African languages; music is quite diverse - from Arabic-Islamic chanting, flutes, & violins to soul/reggae to exotic central African folk melodies.
6. PORTUGAL Projecting out on the western end of the Iberian peninsula, Portugal has a relatively low-loss path to the USA. Local east coast sunset provides the best opportunity to log Portuguese stations: a number of them go off between 0100 and 0500. When they return to the air (around 0500-0600), QRM both from co-channel Europeans and from stateside stations is generally worse than it is during openings prior to C100. Those who like even (10 kHz. multiple) channel TA's may find that Norte-Azurara, Portugal on 720 kHz. is one of the easier ones: you certainly don't need tight selectivity to get this one at sunset, although being at least 150 miles from WOR - 710 would certainly help. Get this one before the FCC, in its infinite wisdom, fills up 720 with all sorts of eastern US fulltime domestics. Don't confuse it with YVOE - 720 (in Spanish) which may also appear at sunset. Portuguese is a somewhat nasal language, intermediate between Spanish and French in sound. The best bets for Portugal include 666, 756, 783, 1035, & 1062. 756 & 1062 run classical music, primarily, with infrequent Portuguese announcements. These are best at sunset. 666, 783, 1035 run mostly popular music with frequent periods of Portuguese talk, including phone-in talkshows & discussion programs. In the spring & summer, numerous high-band Portuguese (and also Spanish) local stations may be logged at their sunrise with no QRM from much higher-powered co-channel northern Europeans knocked out by daylight: these unique openings are the "Iberian high-bander conditions" popular with numerous DXers on Cape Cod & Long Island.
7. GUINEA Conakry on 1404 seems to be heard widely throughout the US: its high frequency, high power, and southerly (105° from MA.) bearing certainly give it a lot of kick. Unfortunately, it is plagued by inconsistent technical standards: modulation good one night, poor the next. Reports of 20 dB over S 9 carrier with unreadable audio are common. Frequency stability is not gold-plated, either;

this station has a history of drifting. Programming is mostly in French, music is primarily native African. Political content of programming is predictably Communistic. A new outlet on 1386 parallel to 1404 has been heard recently; strength not as good as that of 1404. Conakry - 1404 is heard at a wide variety of times from receiver sunset to transmitter dawn.

8. MOROCCO Sebba-Aioun on 1044 with French talk and pop/rock music is reported fairly often; sometimes it's mixed with co-channel East Germany. Arabic talk & music often boom through on 612, 819, & 828. Moroccans are heard best at sunset from coastal sites in the northeastern states and Atlantic Canada. Moroccans noted less frequently are 657, 702, 864, 935, 1197, & 1233.
9. TUNISIA Sfax on 1565 often puts in a powerhouse signal, best around 0500 s/on with Arabic talk & music. The audio level tends to be low, however. Winter reception around sunset (approx. 2030-2330) is possible at better TA DX locations. Open carrier is sometimes run for more than an hour before 0500 s/on.
10. ALBANIA This small maverick communist country tucked between Yugoslavia and Greece has an extensive medium-wave external service. Best heard in the US is Lushnje on 1395 with French around 2100, English around 2200, French (again) at 2230, and then Spanish from 2300 to s/off at 2355. Other Albanian transmitters on 1215 & 1458 are sometimes logged during the autumn & winter between local US sunset and approximately 2330: these also use several different languages (consult WXPVH). Albania's major stations use a 9-note trumpet interval signal that does a marvellous job of cutting through all sorts of domestic slop and storm QRM. Most DXers would accept a tape of those shrill, piercing notes as a definite logging, even if the talk that followed was wallowing hopelessly in a quagmire of interference. Albania reportedly has a new rig on 648 which may sometimes raise havoc with co-channel BBC.
11. WEST GERMANY Although on a less-favourable northern route (bearing 52° from MA.), West Germany is in the "very easy" category because of the tremendous number of high-powered transmitters there. Langenberg on 1593 is most widely heard in the US: this is an all-night station whose signal tends to be best just before transmitter site dawn. 756 is a good low-band frequency to check: it is usually in the clear after co-channel Portugal goes off around 0100. Both 756 & 1593 have German talk; music is predominantly big-bands and show-tunes with occasional excursions into rock or classical music. Hard rock with German announcements may be heard on 1422. Other good frequencies are 1017 & 1269. 1539 may be separated from WPTR with a good receiver on better nights, 549 occasionally overtakes the generally-stronger co-channel Algerian. For those who want to hear programming in English, try the American Forces Network (AFN) station at Munich on 873. VOA Munich on 1197 sometimes runs English, although Slavic programs to eastern Europe are its main function. German stations compete more favourably with the lower latitude TA's during the hour preceeding W. German dawn, rather than at US sunset.
12. ENGLAND The BBC provides many channels running high power. Except for 648 & 1295, which sometimes run foreign languages, all programs that US DXers are likely to hear are in English, an important advantage. Schedules on some outlets have jumped back& forth between 24-hour operation and operation with a silent period, the latter due to budgetary restrictions. Best reception is during late autumn & early winter from local US sunset to 0000 and then from 0500 to transmitter dawn. The following frequencies should be tried: 648, 693, 882, 909, 1053, 1089, 1215, & 1296. Local outlets have been noted on 1458 & 1548. 882 & 909 are often in parallel with Radio 2 programming, which includes MoR music, talkshows, and drama. 1053 & 1089 are in parallel, presenting the rock-oriented Radio 1 service.

C A T E G O R Y B : E A S Y

13. MAURITANIA Nouakchott, as of spring 1982, has been logged on the old-plan channel of 1349. Even if it soon moves to 1350, reception at sunset during moderate aurora in autumn & winter from favourable locations such as Boston should be routine. If it hangs in there on 1349, more widespread reception can be expected: a good rule of thumb is 'if 1404 Guinea is loud and it's just after local sunset at the DXer's location, try for 1349'. You may be pleasantly surprised to hear a strong 1 kHz. heterodyne on the 1350 domestics, which, after a bit of receiver selectivity tweaking, reveals Arabic style chanting and talk in French & Arabic. S/off is at 2310 except on Friday, Saturday, & Sunday when at 2400 (0000). If still on 1349, s/on at 0600 should be audible. Check 4845 or 6120 kHz. shortwave parallels.
14. SAUDI ARABIA Superpowered Duba - 1521 makes this rather-distant Trans-atlantic country a regular in the autumn & winter from east coast sunset to 2300 and then again at 0300 s/on. Programming is Arabic music & talk, mostly of an Islamic religious nature. The same program is broadcast on several

shortwave frequencies: consult the WRTVH for these parallels. Less frequently reported are outlets on 648 & 1512. Al-Qurayyat (Guriat) on 900 has been noted sometimes dominating over co-channel Italy as close to the US as the Azores (more than halfway along the path to the US from Saudi Arabia) and tentative reception from Boston has been made. Listeners in Newfoundland and Nova Scotia have a good shot at this one, as well as the 900 Italian, at sunset in winter.

15. ITALY There are several Italian MW frequencies commonly reported by US DXers. For those not in the splash zone of WHDH - 850, Rome on 846 may be your best bet. This high-powered 24-hour station runs the early morning (Italian time) "Notturno Italiano" program featuring blocks of music & talk in several languages including English. The synchronised stations on 1052 & 1035 (in parallel) sign on around 0400, usually before the Portuguese on those two channels come on. The Portuguese, by the way, are not parallel operations: that should make ID'ing the Italians a bit easier. Italy on 1062 has been logged in eastern MA. despite slop from new pest WSTD and old pests CJRP & KYW. 1575 & 1332 are good high-band Italian channels to check and 1116 may be noted mixed with Morocco, at least during above-average conditions. If you're lucky, you may be able to slice the 1449 Italian away from the 1450 'graveyard' jumble.
16. AUSTRIA Clearly, Wien (Vienna) on 1476 is the best channel for Austria. Its German-language programming, with a smorgasbord of music from classical to rock, is heard even during mediocre higher latitude openings. As with many other higher-latitude-bearing stations, reception at east coast sunset is possible, but the most consistent reception is from 0400 to transmitter dawn. Co-channel interference from stations in Spain is sometimes a problem.
17. HOLLAND Lopik on 747 can be a powerhouse when the auroral absorption zone moves sufficiently out of the way. In winter, this station is heard between DXer's local sunset and usual 2300 s/off. It can be heard again after 0500. During the latter period, one generally hears open carrier and occasional "doorbell" type interval signals. Regular programming often doesn't start until 0600. Another Dutch station, 1008, gets reported about once a year: WINS snuffs this one out for most of us.
18. EAST GERMANY Burg on 783 and on 1044 can be heard on better TA DX nights throughout the period of mutual darkness at transmitter and receiver. German talk is the prevalent programming noted; music can be classical, jazz, show-tunes/cabaret vocals, and (even) rock. Both 783 & 1044 have other often-heard TA's on them, so listen carefully for German talk before coming to any snap decisions based upon music heard. During some parts of the evening, a pop music station noted on 1044 could be Morocco; similarly one on 783 could be Portugal. Less common E. Germans: 657, 693, 882, 1323, & 1359.
19. SWITZERLAND Sarnen on 1566 can be heard on nights when the major high-band, high-latitude "indicator stations" (e. g. W. Germany - 1593) are coming in well. The most advantageous time to listen is after 0500 during autumn & winter as oncoming dawn in Tunisia is causing normal channel dominant Sfax to fade. Sarnen - 1566 runs German talk with light "bouncy" music, frequently of a characteristically Alpine style. Harder to hear Swiss outlets are Sottens on 765 (best on a good TA night after Dakar s/off), and Beromunster-531 possible at sunset from a coastal location on a topnotch night (mixed with Algerian) or at Swiss sunrise in winter after the Algerian is well into daylight. Sottens is in French (don't confuse with Senegal) while Beromunster is in German, generally parallel to 1566.
20. CZECHOSLOVAKIA Praha (Prague) - 1287 with classical music and Slavic talk comes in well when the major high-band Germans are strong; receptions have been made during both the east coast US sunset and the European sunrise DX periods. Kosice on 1521 is sometimes heard under the Saudi Arabian, or in the clear with the Saudi off or faded. During better conditions, Liblice - 639 has been heard from the MA. coast at 2300 s/off. Co-channel Spain QRM and slop from CBN - 640 can be a problem. 1098 & 1233 are more difficult Czech channels to receive, largely because of heavy domestic slop but also because both channels have lower-latitude stations that can clobber the inland, northerly Czechs.
21. IRELAND (southern) RTE-1 Tullamore - 567 is your best bet. Try this between local US sunset and 0200 s/off and again from 0600 s/on to transmitter dawn. Although Ireland is the closest European country (with a high-power MW station) to the US (the Azores & Iceland are closer, but neither has a MW station in the 50 kW or greater class), RTE-1 on 567 doesn't get out as well as many other low-band Europeans. Partly this is due to a high bearing (52° from MA.), but mostly it is because Tullamore is in the centre of the country in a low valley surrounded by mountains in all directions. RTE-1(567) takes a beating at night from a co-channel East German in the more remote sections of western Ireland

(e. g. Dingle). If the transmitter were moved to the west coast of Ireland (e. g. Clifden or Bundoran), the signal would be at least 10 dB stronger here in the States. 567 runs mostly adult-contemporary pop music, with some country-western & Irish folk music. English is the primary language used; Gaelic is occasionally noted. RTE-2 in Athlone (near Tullamore) is sometimes heard on 612 (if Morocco fades); format is more rock-oriented than that of 567. Programming is in English. Check this just before transmitter dawn in winter if 567 & the low-band BBC & French stations are loud. Less frequently noted are stations on 1188 & 1251. In response to the popularity of several Irish pirate stations as well as because of the success of the independent stations in England, Ireland will soon be licensing several new independent commercial stations: these should provide the US DXer with some new opportunities, especially if some of the stations are running decent power from western Ireland on good split frequencies. The Radio na Gaeltachta (all Gaelic language) outlets with their superb folk music programming are unfortunately low-powered; Beverages in eastern Newfoundland would be needed to get these. The 963 outlet near Dingle Peninsula is the most likely R. N. G. station to be heard in North America because of its locational advantage & because 963 isn't as "busy" a channel with other TA's as those of the other R. N. G. outlets.

22. MALTA The Deutsche Welle relay at Cyclops on 1557, with programming in Arabic & German (at times of US audibility) is commonly heard after 0300, often mixed with Nice, France. Arabic chanting & talk is also run on the French station so make sure you hear something positive to nail down an ID. In the case of Malta, the Deutsche Welle interval signal of shortwave fame heard at 0400 or a change from Arabic to German announcements would be the "clincher".

C A T E G O R Y C : M O D E R A T E L Y D I F F I C U L T

23. LIBYA Tripoli - 1251 now seems to be the most reliable Libyan signal in the US. The heterodyne against the 1250 domestics is strong many nights, but pulling up readable audio is tricky. When it does surface, the DXer will find Arabic chanting & talking (probably including Khaddafi speeches). The times to listen are from winter sunset at the listener's QTH to 2300 s/off and from 0400 s/on until transmitter dawn. In previous seasons, 539 & 827 had been reported, as stragglers on their old-plan channels. 539 has supposedly gone off entirely; presumably ex-827 is now on 828, behind usually-dominant Oujda, Morocco.
24. BELGIUM Wolverten - 927 is heard under good TA conditions before 2245 s/off and after 0430 s/on (0530 Sunday). Programming is usually in Dutch; pop music is played often. If conditions are real solid & the low-band BBC outlets are loud, the 621 Belgian may show (note: 621 is shared with Canary Islands). A new outlet came on 1512 at the end of the last DX season. For those of you with no WITS problem, this may be another good frequency for Belgium: it is supposed to be a multi-lingual external service station.
25. YUGOSLAVIA The parallel outlets on 1134 & 1143 make it in with Slavic talk around transmitter site dawn under good autumn/winter high-latitude openings. If neighbouring Albania on 1215/1305/1450 is unusually loud and the high-band Germans are also strong, give the Yugoslavs a try. Remember that Slavic talk on 1143 may also be Kaliningrad, USSR so check for the 1134 Yugoslav parallel if WNEW will let you. Other possible frequencies for Yugoslavia include 684 (mixed with Spain) and 1413 (also mixed with Spain).
26. UPPER VOLTA Ouagadougou on 747 is your only real shot at this country, unless you're running Beverages from Newfoundland during auroral conditions. Sunset is definitely the best time to bag 747: look for a strong signal from Senegal on 765 compared to a weaker signal from Spain on 774 (signalling slightly auroral conditions conducive to good African reception with reduced QRM from Europeans). If Senegal is blasting in, then you'll have a good chance of hearing Ouagadougou - 747. Hit this early in the evening as domestic skip slop and increased atmospheric noise/storm QRM tend to diminish reception possibilities later. You may hear African music and talk in French and local languages at an apparently low modulation level. As with all local-sunset period DX, especially below 1000 kHz., the receiving site should be as close as possible to salt water in the direction of DX for optimum results.
27. CANARY ISLANDS The heterodyne from Santa Cruz de Tenerife on 621 is present most nights, but it has to get loud before audio (Spanish) can be dredged out of the 620 (WACZ/WPNS/CKCN et al) slop. Theoretically, reception is possible during the entire period of mutual receiver/transmitter darkness; domestic QRM considerations, however, point to sunset at the US receiving site as the best reception time. All of the other Canary Islands stations should be possible from autumn/winter sunset to at least 2330, when conditions of the type mentioned as favourable for Upper Volta - 747 are met. These other Canary Islands stations are on 720, 837, 882, 1008, 109E, 1215, 1269, & 1341.

28. POLAND Stargard/Stettin - 1503 should be checked after 0400 s/on if the high-band Germans are strong. An interval signal (on the hour) using Chopin piano music is a characteristic identifier. Consult the WRTVH for the schedule of languages used -- this is an overseas service transmitter. Harder to hear Polish stations have been noted on 1206 (with France off) and on 1368.
29. TURKEY During good TA DX conditions, Istanbul on 1017 can be heard, often mixed with co-channel West Germany. Most receptions have been during the late autumn, between 0230 and 0330. Turkish language programming, with music intermediate in style between Greek & Arabic music, is featured. If this station is strong, consider the propagation door to the Middle East open; have fun going after more exotic catches. Diyakir on 1052 has occasionally been reported by North American Beverage users, but it has a lot of co-channel competition (Italy, Portugal, & Denmark for starters).
30. NORTHERN IRELAND The heterodyne from BBC Lisnagarvey - 1341 will show up against the 1340 'graveyarders' many nights from 0600 to transmitter dawn during winter if the English BBC stations are present above 1000 kHz. Slicing audio from the 1340 brouhaha can be tough, though: a strong 1341 signal & a good receiver are necessary. Programming may, at times, be parallel to other BBC outlets: this could help you ID 1341. Sunset period reception of Lisnagarvey (before 0000) is also possible, at least at coastal sites sufficiently distant from 1340 groundwave domestics. Another Northern Ireland station remotely possible is Belfast on 1026, around transmitter dawn.
31. LUXEMBOURG Marnach on 1440 is considerably harder to hear than it had been when on 1439 prior to the frequency re-allocations. The only advantage to its being on 1440 is that, when it does come in at sufficient levels to top the domestics on the channel, any receiver can hear it. No fancy filters are required for this one. There are two basic working periods of the night to go after Luxembourg. Inland DXers have only one choice: look for it during autumn & winter just before Luxembourg dawn. Monday morning is best in terms of minimized domestic (e. g. WFTQ/WMEER/CFCO) QRM. Use the Germans on 1422 & 1593 as propagation beacons: if these guys are rattling the speaker sufficiently, Luxembourg is indeed possible. Look for German talk & commercials on 1440. In addition to the Euro-dawn opening, coastal DXers from NJ to NF should be able to get the English service, with lively DJ's, advertising, & music ranging from rock to country to disco. If your 1440 'primary pest' is northwest or southeast of you, a loop will do the trick in knocking it out, leaving Luxembourg in the clear. If the domestic 1440 station is not at a right angle to the Luxembourg bearing, the use of a phased Beverage pair, a phased longwire pair, or a loop-phased-against-a-wire scheme may be necessary. Luxembourg - 1440 is a semi-regular (in winter) at sunset at Waterfront Park in Boston: WFTQ is handily disposed-of by skyscrapers to the west. At sunset, as at transmitter dawn, use the routine Germans as propagation evaluators to aid in the search for Luxembourg.
32. VATICAN R. Vatican on 1530 has been logged by several DXers in New England, Long Island, & New Jersey: it mixes with WCKY, sometimes overtaking it, on above-average TA mornings (around 0500) during the cooler months. Several languages are used in the religious format of this station, music played is usually "very soothing" soft instrumentals.

C A T E G O R Y D : D I F F I C U L T

33. GABON Melene has sporadically been heard on 1554 (an old-plan channel). This runs parallel to 3300 & 4777 kHz. shortwave, so checking these may be beneficial. Most reports of 1554 mention 2300 as a good reception time; drum-oriented African music is the usual format. If this moves (or has already moved) to 1557, reception will be much less likely, as much because of WQXR slop as because of France/Malta co-channel QRM. Reception of Gabon seems to be as common in the southeast (FL, CA) as in New England.
34. BENIN Cotonou - 1475 (or 1476) would understandably be more easily heard if still on 1475, although during mild auroral conditions its signal level would be maintained while 1476 European competition would be removed. From local sunset to 0000 and from 0400 to Benin dawn are the working times of interest. 4870 kHz. may be useful as a shortwave parallel.
35. USSR Kaliningrad on 1143 makes it a few times each winter, usually between east coast sunset and s/off at 2300. When it's in, it's loud; but the southern edge of the auroral zone has to move quite far to the north. If the middle & high band German & British stations are strong, USSR - 1143 is worth a try. Do not confuse this with co-channel Yugoslavia. Transmitter dawn openings are also possible. Also check the Ukrainians on 765, 936, & 1548. Leningrad - 801 may show up, mixed

with a W. German, if you're lucky enough to be able to work around the normally insurmountable slop from PJB/CKLW/CHRC/YVTB/CJAD/VONR et al on 800. Take a swing at other Soviets on 1035, 1107, 1215, 1386, & 1494 if it's a first-class TA night.

36. EGYPT The 1107 transmitter at Batra is occasionally noted with Arabic programming at North American sunset in autumn & winter. As the incoming skip angle is very low, a seaside receiving site is advantageous. Chances are if Turkey - 1017 is coming in, Egypt - 1107 should be audible. Arabic programming heard behind Morocco's Arabic programming on 819 will probably be Egypt. Arabic heard behind Spain - 774 may be either Morocco or Egypt, so be careful to get positive identification material (such as parallel frequencies, interval signal, characteristic time pips on the hour, or a spoken ID).
37. DENMARK Try 1062 when mid-band British & Germans are strong, preferably around 0500 in autumn & winter. The talk, in Danish, will sound much different from the Portuguese & Italian usually heard on this channel. Jazz seems to be an important constituent of the music played.
38. BULGARIA Every year a few Bulgarians get reported, usually by Beverage Bill Bailey. Some of these are 576, 747, 828, 864, & 1224. Try for these on topnotch TA nights when other high-latitude Europeans are loud. It is wise to consult the WRTVH for both the times of Bulgarian station operation and the times when the stronger western European & north African stations sharing channels (with the Bulgarians) are off. Good luck !
39. NORWAY Kvitsøy - 1314 should be possible on a few of the better TA mornings in autumn & winter: if the German on 1269 is doing well around 0600-0700, try for Norway on 1314. This station is about as far north as anyone on the east coast US can ever expect to get a TA. The auroral oval should be close to its smallest possible size to permit anything approaching good reception of stations in the Scandinavian countries. Norwegian, a Germanic language, sounds quite a bit different from the Spanish normally heard on 1314 (from Spain). Norway should be audible until quite late in the morning, by TA standards, (to 0800) around the winter solstice. By 0800 any co-channel competition from more southerly Europeans & Africans should have faded out with daylight in those areas. Westerners may have more luck with northern Norwegian stations than DXers in the eastern US. Stations such as Bodø - 675 & Vadsø - 702 may skip in the auroral "doughnut hole" and thereby propagate well into the Pacific Northwest US & western Canada.
40. GAMBIA Bonto on 648 should be audible at east coast sunset & up to 0000 s/off, if Senegal - 765 is strong & Upper Volta - 747 is fair. Programming is African music with talk in English and local languages.

* * * * *
an extra, with comments -

41. (??) ANDORRA Now that the powerful, widely-heard outlet on 819 is off the air, the station on 702 looks like the best bet. This has been listed as being inactive or as operating intermittently. Andorra will once again go back into the "very easy" category if 819 returns or if a new station on a good frequency with power comparable to that of old 819 takes to the Andorran airwaves.

Your next TA countries, after those listed so far, may just well be:

- | | |
|---|---|
| 42. Romania - 558, 756, 855, 1053, 1152 | 62. Zambia - 828, 1071 |
| 43. Hungary - 1188, 540 | 63. Finland - 963 |
| 44. Israel - 738 | 64. Madeira - 1530, 1331, 1485 |
| 45. Sweden - 1179 | 65. Chad - 1170 |
| 46. Ivory Coast - 1493 or 1494 | 66. Greece - 729 |
| 47. Sierra Leone - 1206 | 67. China - 1521 |
| 48. Togo - 1502 or 1503 | 68. Swaziland - 1377 |
| 49. Mali - 1431 | 69. Syria - 782 or 783 |
| 50. Scotland - 810 | 70. Kuwait - 1131, 1341 |
| 51. Sao Tome - 759 | 71. Lebanon - 836 or 837 |
| 52. Guinea-Bissau - 1071 | 72. Mozambique - 737 or 738, 1008,
" 1295 or 1296 |
| 53. Azores - 837, 1394 or 1395 | 73. Nigeria - 594, 1314, others |
| 54. Angola - 1088 or 1089, 1586 | 74. South Africa (including Transkei,
Bophuthatswana, etc.) - 603, 702 |
| 55. Cameroon - 1106 or 1107 | 75. Tanzania - 657 |
| 56. United Arab Emirates - 1481, 1575 | 76. Jordan - 801 |
| 57. Sudan - 1296 | 77. Ascension Island - 1602 |
| 58. Iraq - 1035 | 78. Kenya - (several) |
| 59. Qatar - 954 | 79. Congo Republic - 1476 See page 22 |
| 60. Oman - 702, 1413 | 80. Iran - (several) for Appendix |
| 61. Zaire - 801 | |

Many of these HAVE actually been heard by American & Canadian DXers, surprisingly.

EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadlines: Saturdays

- 660 KSKY TX Dallas, 10/9 0720 fair-poor in WNBC null w/ end of Farm Bureau Roundup, ID ment 42nd year of "broadcasting gospel to the Great Southwest." (RAL-VA)
- 690 KGGF KS Coffeyville, 10/9 0712 fair w/ Welch, OK farm market rpt, ad, local wx. (RAL-VA)
- WYIS PA Phoenixville, 10/9 0716 fair o/ KGGF & unid cl mx stn w/ s/on by f w/ ment of pgms of inspiration & information. (RAL-VA)
- 1460 WPDQ FL Jacksonville, 9/24 1948 fair sig w/ soul mx, all alone u/ aurora cx. (HJH-PA)
- WDYX GA Buford, 9/22 1937 only weak ID hrd, tentative. Had C&W mx. (HJH-PA)
- 1470 WQXL SC Columbia, 9/22 1931 ending religion then s/off. Fair sig, no SSB. (HJH-PA)
- 1550 WBZQ NC Greenville, 9/26 1916 weak sig after WUTQ s/off. S/off at this time ending religion. Jingle after anmt. No SSB. (HJH)
- 1580 WSRF FL Ft. Lauderdale, 9/25 0411 very weak w/ R&R oldies. Ex-C&W mx. "Surf 16" ID's. (HJH-PA)

EASTERN DXERS

HJH - Harry J. Hayes, 9 Henry St., Wilkes-Barre, PA 18702
(Zenith Trans-Oceanic, Superadio, SM-2)

RAL - Bob Lazar, 1711 Wainwright Dr., Reston, VA 22090
(Yaesu FRG-7, SM-2)

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

UNIDED, SPECIAL, CHANGES, et. al.

- 640 WMSO TN COLLIERVILLE, CP is on. Hrd 10/9 0720 good-fair W/Gospel mx & PSA for a revival at a West Memphis church. Call letter ID still not positive. I thought I hrd a K call when they were weaker. Possibly changed calls as well as frequency? RK-IL
- All da Rest
- 550 KCRS TX MIDLAND, 10/4 0324 fair o/KTSA briefly W/pop mx, ID "55 KCRS". RK-IL
- 960 CFAC AB CALGARY, 10/4 0145 W/rundown of their daily contest \$ winners. When Alberta was open, this puts in a fine signal. NZ-NE (They weren't in here, but CBR-1010 was, the next night CKWX-1130 & CFUN-1410 were both in, so folks, the good cx are returning, ed.) RK-IL
- 990 KTKT AZ TUCSON, 10/4 0259½ fair W/ID "AM 99 KTKT", Ai nx. First time hrd in years//
- 1140 KATT OK OKLAHOMA CITY, 10/9 1955 fair U/WRVA & thru WJJD slop W/spot. RK-IL
- 1230 KADA OK ADA, 9/27 0150 in W/Radio Ad Council "Radio is Red Hot" promo, followed by stn. promo. NZ-NE
- 1260 WWJQ MI HOLLAND, 10/9 0811 fair W/spots. RK-IL
- 1270 KWPR OK CLAREMORE, 10/9 0659½ fair-good W/S/On, WCA nulled. RK-IL
- 1350 WCOP GA WARNER ROBINS, 10/9 0600 fair-poor W/S/On in mess. RK-IL
- 1510 KIPG IA IOWA FALLS, 10/1 1930 W/Iowa Falls Football & ID, W/WIAC. Evidently forgot to S/Off at 10/82 time instead of 9/82. MP-WI.

How Come Your Name Ain't Here ?

RK... Hey, I get to be first this week
(R-1000, HQ-129X, HQ-140X, Radio West loop, Kowalski Loop, spiral loop, other assorted junk)

MP... Mike Piering 2231 75th Kenosha, WI 53140
(R-390A, Sony S5W)

NZ... Neil Zank 623 Lyncrest Dr. Lincoln, NE 68510
(HQ-180A, RF-2600)

CDXR DEADLINES: Mostly Saturdays, except if I have a lot of loggings, that need a lot of sorting, then its Friday.

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

WESTERN DX ROUNDUP

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PT)--no collect calls

Deadlines: Tuesdays 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7

REPORTERS FOR THIS ISSUE:

- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
PRG-7, SM-1
- (RH&CK) Rob Harrington & Chris Knight-DX'ing in Walsenburg, CO
Kenwood R-1000, 2000' Beverage
- (JJ) Jef Jaisun-12860-136th Ave. NE-Kirkland, WA 98033
SP-600, Wedge, 1000' east Beverage, 2000' south Beverage
- (SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732
Realistic TRF, 3' Wedge
- (bp) Bruce Portzer-6546-19th NE-Seattle, WA 98115
HQ-180A, 4' loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE long-range portable, SM-2

***** OF SPECIAL INTEREST:

- 1290 KXXN CA, Santa Barbara ex-KKIO Su 10/3 1440-1510 w/songs of 1964.
New call hrd at 1459 during ad when local bicycle dealer ment
offering a \$20 discount by simply saying "K-X-X-N". Ad was
followed by "KXXN, Santa Barbara" ID at 1500. Also noted w/
"K-double X-N" slogan after legal ID. (SMM-CA)
- 1450 KBKW WA, Aberdeen will become KAYO 11/1 per general manager, still
C&W format. (BH-WA)
- 1560 KPMC CA, Bakersfield added Larry King 10/12, running the show
weeknights till 0300, but still has nightly 0306 s/off! This
is the only U.S. Class 1-B stn I know of that is not AN. (BH-WA)
- (KFWY) WA, Sumner has apparently gone out of business. The number in
the latest phone book nets a "disconnected or no longer in
service" recording & directory assistance has no listing for
these calls. (bp-WA)

- 570 KCNO CA, Alturas Tu 9/28 2151-2219 poor to very good, s/off anct
2215, right in the middle of an Oakland A's game. Took an
additional 4 mins. of yak before they finally shut down. KVI
came back on almost immediately. Close call, hi. (JJ-WA)
- (KVI) WA, Seattle Tu 9/28 2145-2220 noted off the air due to lightning
storm. According to 2220 s/on, they'd been off for "several
hours". (JJ-WA)
- 600 KIIX CO, Ft. Collins Su 9/5 0807 w/local nx, community billboard nx,
wx, "kicks" ID u/GJOR. (JJ-WA)
- 620 KTAR AZ, Phoenix MM 9/20 0405 hrd u/KGW ET, w/Larry King, Sun City
wx & nx. (JJ-WA)
- 790 KABC CA, Los Angeles 9/5 0800 very good w/ID & nx. (RH&CK-CO)
- 810 (KGO) CA, San Francisco SP noted Su 9/12, part of the time on ET w/
OC & tones. 0300 to presumably 0900. (JJ-WA)
- 830 KIKI HI, Honolulu 9/5 0817 good w/KIKI ID & rr mx. Rob's first
Hawaiian. (RH&CK-CO)
- 910 KOYN MT, Billings 10/8 0858 o/u CKDQ w/nx, spot for Yellowstone
Valley Electric Co-op, then wx, then lost in jumble. (bp-WA)
- 920 KQEU WA, Olympia Sa 9/4 1900 new calls, ex-KITN, hrd on bp's TRF
while direction-finding in my driveway prior to Beverage party.
- 980 KFWB CA, Los Angeles 9/5 0708 poor w/nx, ID & address. (JJ-WA)
(RH&CK-CO)
- 990 KBLS CA, Santa Barbara 10/4 1010 good w/MYL in KKIS null. Several
local spots, no sign of XECL. Still in at 1052! (RW-CA)
- 1000 WCFL IL, Chicago MM 10/4 0559 hrd what sounded like s/on anct,
followed by Mutual nx. (JJ-WA)
- +10/4 0632 good w/nx. (bp-WA)
- KTOK OK, Oklahoma City MM 10/4 0557 hrd jingle ID w/nx. (JJ-WA)
- 1025+25 KTNQ CA, Los Angeles MM 9/27 0220-0320+ per phone tip from Bill
Harms that he was picking up KTNQ on approx. 1012, 1028 &
1036 kHz, I checked it out & down here KTNQ was one solid band
from 995-1045 approx.--all distorted! There were some peaks
(spurs) on the band, & Neil Kazaross measured them to be on
996.9, 1004.2, 1020, 1027.7, 1035.8 & 1043.1. This before local
midnight. Now that's what you call a real "Super Q de Los
Angeles," hi. (SMM-CA)

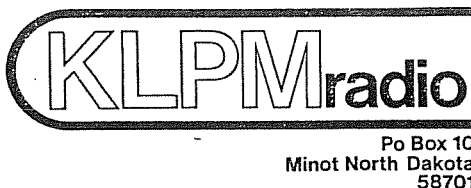
- 1050 XEG NL, Monterrey MM 9/27 0230 EE DJ noted frequently giving phone number as (213)748-0111 (Los Angeles number). I can see XEPRS or XEGM having a Los Angeles studio--but XEG?? (SMM-CA)
- 1090 KING WA, Seattle MM 10/4 0720 on new all nx format, IDing as "News King 10-90." Uses GNN-2 net nx through various parts of the hour, but NBC at :00. This is apparently an earlier s/on time. Previously, KING had signed on at 0800. (JJ-WA)
- 1100 KFAX CA, San Francisco 9/5 0700 good w/ID, sports, wx. (RH&CK-CO)
- 1140 KGEM ID, Boise-Nampa 9/5 0655 excellent w/ad for contest, ID, wake-up call. (RH&CK-CO)
- 1260 *KYA CA, San Francisco 10/4 0301 excellent w/TT. (RW-CA)
- 1330 KLOM CA, Lompoc 10/4 0939 finally hrd after 3 years of frustrated trying! 1st Lompoc stn hrd, one of my most-wanted. Good, o/ KFAC, w/Howard Cosell. This was my unID 1330 Ac outlet rpted several weeks ago. Clear ID then lost rapidly to KLBS/KCLM/ KFAC. (RW-CA)
- 1340 KCAP MT, Helena MM 10/4 0533 YL noted doing wx. (JJ-WA)
- 1360 KCNN CA, San Diego 10/4 MM 0350 nx & wx, report on L.A. Olympic Games. First hrd w/new calls. (JJ-WA)
- 1370 KSOP UT, South Salt Lake City 9/4 2220 good w/ads, ID, mx. (RH&CK-CO)
- 1400 KTVR OR, Cave Junction Su 9/5 0834 hrd briefly w/wx & nx. Tip from bp. (JJ-WA)
- 1410 KVEE NV, Henderson Su 9/5 0744 hrd on new freq. w/political ad for county commissioner & jingle ID. (JJ-WA)
- +9/5 0813 good w/ad for Fairway Chev., ID, C&W mx. (RH&CK-CO)
- 1420 KLFB TX, Lubbock 9/4 2247 fair w/SS ID & ranchera mx. (RH&CK-CO)
- 1430 KLO UT, Ogden 9/4 2243 very good w/ID & oldies. (RH&CK-CO)
- 1470 KBXN UT, Tremonton Su 9/5 0830 farm nx w/Dave Kelley. (JJ-WA)
- 1480 KUUX NM, Hobbs Su 9/5 0644 Eagles football promo w/ments of sponsors. Calls pronounced "K-W-X". (JJ-WA)
- 1500 KROQ CA, Burbank MM 10/4 0408-0445 SS programming w/R. America IDs, mx sort of easy pop, maybe relig. ballads. (JJ-WA)
- 1510 WLAC TN, Nashville MM 10/4 noted w/ad for trees & Nashville P.O. Box. (JJ-WA) (Time??-NH)
- +9/5 0717 poor w/"Good morning, WLAC Nashville", sports. (RH&CK)
- 1550 WOKJ MS, Jackson 9/4 2157 excellent w/ID & soul mx; using 2000' antenna. (RH&CK-CO)

OCT. f/c heard:
1st MM KKAA-1560 SD 0215-0225 (RW-CA)

UNID's:

- 1150 10/4 0222 unID MYL briefly o/KBAI in KPRZ null, lost quickly. Poss. KSPL? (RW-CA) (KSPL is not MYL, just a similar format.--NH)
- 1150 MM 9/4 0630 jingle ID that sounded like "K-E-double L-Q" or "K-G-double L-Q." Precisely 0330 hrd ID like "WKOV", and "Cycle-L" (or "double-L?") "time.." TC. Couldn't hear the time, though. (JJ-WA)
- 1160 Su morning 8/15 0526-0605 KSL was on ET/SP, maybe w/OC. Hrd YL jock playing C&W mx, fairly tight segues between songs, lush singing jingle at 0535 that sounded like: K-G-I-R, K-D-I-?, or (upon reflection & more listening to the tape) K-E-Y-Y! At 0600 hrd some kind of mx theme, pip, ment of "western Louisiana" (which could have been a net report), YL w/net-sounding nx, ID that sounded like "This is KCPQ", & another ID several min. later that sounded like "KBBM in Bedford, Indiana." Net nx maybe Mutual. Any ideas? Could KEYE have been testing w/a KEYE signal??? (JJ-WA)
- 1570 10/4 0815 suddenly appeared out of nowhere w/rr, wx, predicted high of 95 & low of 73. Lost very quickly to CKTA. Ideas?? (RW-CA)

We're weekly now--with Tuesday the WDXR deadline day! I just received a couple of hot last minute tips. Rob H. phones that KHOW-630 (Denver) will go stereo on 11/1/82. Bill stayed up and got this station list for the new Herb Jepko Show as mentioned on the front of 10/9/82 DXM: he's on 5 nights a week KBOI-670, KKOW-860, KBCQ-1020, KPNW-1120, WOAI-1200, and KPRQ-1230. ♡



WWPT

AM 1450 KC.  FM STEREO 99.3 MC.

P. O. BOX 883
WILLIAMSPORT, PA. 17701

DX WORLDWIDE EAST

Neil Kazaross, Editor
 518 E. Grand Avenue
 El Segundo, CA 90245
 (213)322 3119

First of all in the "I goofed" dept; I must appologize to Mark Connelly for screwing up a few items from his report in the 8/28 issue. What happened was that Mark changed his format for listing his catches. Instead of the preferred Country, City, Call format which Mark always used before he listed his catches by Country, Time, Date, City, Call. As I read left to right I had to skip over the time & date to list the DX in the column format. Thus on many cases I forgot to include the date and time. I didn't & don't make any attempt to delete vital information from a report. I hope I didn't create the impression that Mark is a sloppy reporter. I was the sloppy typist, but I have to say that if you don't submit your report in the column format, i.e. (VENEZUELA Maracaibo YVMN) there's no telling how much I'll foul it up. Many Dxers submit reports with out calls or city locations. As some Dxers feel that LA calls which are not used for ID purposes should not be listed, I'll simply type them as received. No longer will I take the time to look up a call I don't know in WRTH. Of course, I'm perfectly willing, & feel it is the most important part of being an editor, to consult WRTH or whatever reference I have to help Dxers ID their unID's. Feel free to send tapes of unID dx here for my listening and I'll see if I can come up with an ID.

TRANSATLANTIC DX ROUNDUP (NO name is from Mark Connelly)

- 549 ALGERIA Oran 0401 Sep 2 man in AA at low modulation level on power-house carrier.
- 774 SPAIN synchros 0400 Sep 2 EE pop female vocal, SS talk.
- 891 ALGERIA Algiers 0230 Aug 22 AA violins, fair; + 0358 Sep 2 male AA talk, then female AA vocal, xlnt, killing WIS.
- 1161 FRANCE Strasbourg 0311 Aug 22 CL mx, good.
- 1224 t SPAIN 0452 Sep 13 Apparent SS talk poor mixed up in jumble of other 1224 carriers.
- 1314 t SPAIN 0454 Sep 13 possible SS talk on het in slop.
- 1377 FRANCE Lille 0456 Sep 13 M&W in FF to fair peaks.
- 1413 YUGOSLAVIA Pristina 0331 Aug 22 CL piano mx, then Slavic-sounding vocal.... Nice-ed.
- 1458 ALBANIA Durres 0338 Aug 22 rapid-fire talk possibly Slavic, pr-fr in bad CLRE/WCMB slop.
- 1467 MONOCO Monte Carlo 0337 Aug 23 TT & OC prior to normal s/on-- strong signal.
- 1476 AUSTRIA Wein 0340 Aug 22 pop hits & oldies including, "I Got You Babe" by Sonny & Cher + 0328 Aug 23 GG talk, US/UK pop adult contemporary hits-louder than 1593; smashing signal! ... I never hrd them with anything better than a fair sig, must have been great cx-ed.
- 1521 SAUDI ARABIA Duba 0300 Aug 23 AA nx fr-gd thru WRBW slop.
- 1566 TUNISIA Sfax 0404 Aug 23 local-like carrier- male AA moaning at low audio/modulatio level + 0426 Sep 13 female AA vocal at very low audio level on big carrier... Looks like their modulation is still anemic-ed.
- 1567 t SWITZERLAND? Sep 6 0415 during above average IA cx, weak sig here w/mx almost w/disco beat. Went into nx at 0430 which I'm almost certain was in GG; couldn't get a good bearing on it. (Hauser-TN) Nice to here from you again, Glenn! I think you ment 1566?-ed.
- 1575 t SPAIN 0505-0508 Sep 13 "Abracadabra" by Steve Miller Band then SS talk.
- 1584 t SPAIN graveyarders 0421 Sep 13 SS talk good to fair,
- 1593 W.GERMANY Langenberg 0322 Aug 22 female show-tune style vocal, fair in WQQW slop.

PAN AMERICAN DX ROUNDUP

I'll start by listing the missing DX data from Mark Connelly's 8/28 rpt.

735 HCGC-1	July 21	0550	780 YVOD	July 22	0144
820 HJED	July 21	0503	830 YVEM	July 21	0239
990 YVTA	July 21	0507	1020 HJZD	July 21	0132
1070 HJAG	July 21	0417	1080 YVQJ	July 21	0130
1090 HJBC	July 21	0509	1160 HJBL	July 21	0420
1170 4VRS	July 18	0235			

Sorry, Mark - ed

- 600 CUBA (see 1160) upon hearing the Voice of Cuba s/off on 1160 in EE at 0300 Aug 31, scanned the dial for parallels, but this was the only one found & by then they too were in the NA; precisely //, however leading me to assume that they had been in EE on this infamous occasion. Occ. noted active since w/ R.Rebelde.(Hauser)
- 650 VENEZUELA Maracay 0218 Aug 22 YVLH fair o/others w/ Ven. ments & Maracay ads. (Connelly-MA)
- 700 COLOMBIA Cali 0300 Aug 22 HJCX loud(No W/LW Audible) Sutatenza ID, accordion mx & festive goings-on. (Connelly-MA)
- 720 t JAMAICA 0222 Aug 22 reggae mx, accented EE talk in mess o/u YVOE & others (Connelly-MA)
- 725 : SURINAM Paramaribo 0220 Aug 22 good w/Commodores records(Connelly)
- 740 t VENEZUELA 0332 Sep 7 Rumbos-type doorbells or ad mentioning Calido (or maybe Caribe)(Connelly-MA) R.Maracaibo has doorbells-ed
- 740 VENEZUELA R.Maracaibo noted at 0403 Sep 13 w/NA, ID mentioning (recently reactivated)SW but no s/off amnt; in keeping w/ Venez. govt. requirement that all broadcasting stns must play the NA four times daily at 3 & 12 AM & PM whether that coincides w/s/on/off or not. Check of 4860 at 0406, however showed it missing, so perhaps that channel did s/off a few minutes earlier? (Hauser-TN)
- 750 VENEZUELA Caracas YVKS 0223 Aug 22 dominant w/SS talk, then"Suavecito" by Malo. (Connelly-MA) Mark, you could make millions on "Name That Tune"!!-ed.
- 800 NETHERLANDS ANTILLES Bonaire 0334 Sep 7 EE rlg pgm alone at local level during highly AU cx-- PJB was probably the loudest skip stn at the time. (Connelly-MA)
- 815x t EL SALVADOR at 0409 s/off caught a very distorted & unstable carrier w/built in het, playing the last few notes of what I think was the El Salvador NA. Off freq legit stn or possible cland? Bears further watching. (Hauser-TN)
- 825 ST.KITTS Basseterre R.Paradise good in EE at 0315 Sep 4; at least a carrier is there evenings, often much more. I plan to do a feature on this stn shortly on World of Radio. (Hauser-TN) + 0225 Aug 22 like a local w/EE preaching. (Connelly-MA)
- 830 VENEZUELA San Antonio de los Altos 0226 Aug 22 LA mx, R.Sensacion ID loud, rolling o/WNYC (Connelly-MA) + R.Sensacion coming up under HIJB as it was signing off, cleared after 0504 Sep 12 w/ good signal; musica romantica, & R.Sensacion ID at 0506, also a YV presumed to be this at 0044 Sep 7 (Hauser-TN)
- 830 DOMINICAN REPUBLIC HIJB v.gd. Sep 12 0459 w/"Buenos Noches" song & s/off msg o/another IA. Said was the radio stn. of Tele-Antilles, Apartado 416, Santo Domingo; back at 5 a.m. NA & off at 0504 as the YV gained ascendancy. (Hauser-TN)
- 834 BELIZE R.Belize at 0405 Sep 12 ending OB (outside bcst.)oIf Miss Belize pageant; simultaneous w/ Miss America pageant, no coincidence?(Hauser-TN)
- 880 CUBA Romantic mx, including"Yesterday" at 0046 Sep 7 //900. AT 0055 check 880 also noted // 870 during W/LW fadedown(yes that can happen!) (Hauser-TN)
- 890 COLOMBIA LV de Bogota ID 0058 Sep 7 w/their "somos profesionales..." spiel. Makes one suspect that they aren't; else why keep plugging that they are?(Hauser-TN) That"Somos profesionales" stuff is part of one of the standard TODELAR ID's-ed.
- 895 UNID a bit of mx noted here during good C.Am opening (Hauser-TN) 0450 Sep 12. ...I think Haiti is still here but this could be past their s/off and if you had a DF for C. Am. must be something new-ed.
- 930 CUBA R.Reloj in at 0055 Sep 7 // 760(Hauser-TN)
- 944 HONDURAS- Teguci ad at 0430 Sep 12. R.Panamericana. Freq seemed very close to 944.00; if they're going to split, why deliberately 944 instead of 945? Maybe Belize knows the answer. (Hauser-TN) They announce and advertise as being on 945 but have been on 944 for at least several years. Perhaps they drifted and don't care, since they are a split and would have little het problem from the HC on 945. Maybe they feel no need to spend the \$\$ to get back on 945-ed.
- 1040 DOMINICAN REPUBLIC HION R.Central logged atop freq at 0330 Sep 9 (Stanbury-ON)
- 1100 COLOMBIA Barranquilla HJAT 0425 Sep 6 hrd w/ R.Reloj ID(Connelly)
- 1160 CUBA little activity here since the Aug 31 Voice of Cuba test, t/in unfortunately only at 0300+s/off giving different PO box than former activity which was 6017.// 600 qv (Hauser-TN)
- 1200 CUBA R.Revolution s/off until 5 a.m. 0402 Sep 6.(Hauser-TN)
- 1205 CAYMAN ISLANDS unusual situation at 0030 when this had a better sig. than 1555; DJ sounded like Willis Conover. (Hauser-TN) 1205 is usually better here in CA, but back east & in the central states 1555 is generally best-ed.

- 1210 VENEZUELA Barcelona ad at 0032 Sep 7, ergo R.Anzoategui(Hauser)
 1220 COLOMBIA Barranquilla 0418 Sep 6 HJVF loud w/LV de Colombia ID,
 then LA mx(Good AU cx tonite: LA's would have been outrageously
 loud & numerous at a good location such as Cape Cod or Narragansett,
 RI)(Connelly-MA)
 1270 CUBA 0401 Sep 6 R.Relej fair w/usual SS nx & time pgm. after WTSN
 s/off,(Connelly-MA)
 1310 VENEZUELA Puerto LA Cruz 0358 Sep 6 ID "R.Nacional de Venezuela"
 then YV NA at s/off (Connelly-MA) Good catch-ed.
 1360 VENEZUELA Maracaibo probable at 0359 Sep7 w/two Cerveza Zulia ads,
 ad for Banco Venezolano; eventually lost to QRM.(Connelly-MA)
 1540 BAHAMAS Nassau 0415 Sep 6 Black gospel mx pgm, promo anmt. ment.
 Nassau- easily topping weakened WFTR during robust AU cx.(Connelly)
 1580 COLOMBIA Barranquilla 0417 Sep 7 female SS vocal, SS talk, R.Prin-
 cipe jx-type ID: strength only fair but completely dominant thanx
 to heavy AU. (Connelly-MA)
 1610 ARGUILLA Caribbean Beacon noted poorly at 0200 Sep 14. This one has
 been much weaker (Mostly inaudible) for at least the past few nights
 suggesting either a power reduction or change in directional pat-
 tern. By 0230 was barely audible while VOA Antigua was topping 1580
 Interestingly, acc. to 8/30 BROADCASTING, Bill Kitchen who owns
 Caribbean Beacon's parent company, Quality Media Corp., has pro-
 posed that R.Marti's Florida stn use 1610 & compensate Caribbean
 Beacon for loss of freq. He is also trying to persuade R.Marti to
 lease time from his new Grand Turk stn. (Stanbury-ON)

CONTRIBUTORS:

C.M. Stanbury II RR#1, Ridgeway ON LOS 1NO, Canada HQ-200, 90' LW
 Mark Connelly 30 William Road Billerica, MA 01821 R390A, HQ180A,
 TRF, SM2 35meter LW for TA's
 Glenn Hauser Box 6287 Knoxville, TN 37914 PRG-7(mod),HQ-160,
 4 1/2' Box loop, 50' E-W LW.

73's & Good DX - KAZ -

First of all, I must say that I may have to miss some of the next few
 issues as I will be having several job interviews back east during the
 next few weeks. I will certainly be getting my air time flying back &
 forth across the country at least a couple of times. Several of these
 companies seem to be interested in hiring me so it looks like my days
 in California are numbered. Hopefully, my fiancée, Laura & I will be
 able to settle in a nice peaceful small town. It sure will be nice to
 once again be able to contribute to my own column!!

TRANS: ATLANTIC DX ROUNDUP

- 765 SENEGAL Dakar O026 Sep 24 lots of AA talk, no mx hrd, fair(Hakiel)
 1375 t ST.PIERRE et MIQUELON assumed w/ weak carrier & soft mx Oct 2,
 0055 (Stutterheim-NY)
 1557 FRANCE Nice 0452 Sep 20 FF talk by woman, some WQXR slop, fair.
 1557 ITALY Genoa 0553 Sep 20 II talk by M&W, fair (Hakiel-NY-last 2)
 1584 SPAIN graveyarders 0530 Sep 17 lots of SS talk o/growl of others
 under. 4 time pips hrd on 1/2 hr. fr-pr sig. (Hakiel-NY)

PAN AMERICAN DX STAMPEDE (No name is from Hakiel on Long Island)

- 535 GRENADA Mournie Rouge RFG soul mx, EE acc. talk, fr sig...time?-ed
 540 VENEZUELA Rosario YVOV 0442 Sep 22 lively LA mx, R.Perija ID
 big signal.
 550 VENEZUELA Caracas YVKE 0220 Sep 16 lively LA mx "R.Mundial" ID
 good sig.
 555 ST. KITT'S Basseterre ZIZ 0158 Sep 24 pop US vocals, exclnt. sig.
 570 VENEZUELA Villa de Cura YVLX 0459 Sep 22 w/ local WMCA completely
 nulled. xlnst sig at s/off R.Mundial ID.... I thought they were
 Rumbos, maybe a switch?-ed
 570 COLOMBIA Bogota HJND 0500 Sep 22 when YVLX s/off this stn. re-
 vealed itself, with a good sig. announced at s/off as"R. Relej de
 la Monde" New format? Then s/off at 0501... Nice catch, I've not
 seen many reports of this one -ed
 571 UNID het 0216 Oct 2 (Stutterheim-Montauk, L.I.-NY) I hope you
 like your new DX Paradise !!-ed.
 580 PUERTO RICO San Juan WKAQ 0530 Sep 22 many R.Relej IDs + jingle
 Good sig.
 600 CUBA Urbano Noris CMKA 0218 Sep 24 non-stop SS talk, good sig.
 630 PUERTO RICO San Juan WQBS 0241 Sep 24. P.R. mx "Salsa Sesenta y
 tres" ID, Good signal.

640 CUBA Las Mercedes? 0152 Sep 23 nice SS vocals, huge signal"R.Próg-
 resso" ID... Perhaps the superpower is back on here ?!-ed.

650 VENEZUELA Maracay YVLH 0400 Sep 28 LA mx R.Vision. 2 others u/
 Good.

650 COLOMBIA Bogota HJXX 0402 Sep 28 noted u/YVLH ID Em. Monseerate.
 650 CUBA Santiago de Cuba CMJC 0403 Sep 28 Stn ID then Cuban NA u/
 YVLH & HJXX.

660 CUBA Santa Clara CMEB 0502 Sep 28 LA mx, SS talk. WNBC nulled, sig
 almost equal to WNBC.

670 VENEZUELA Caracas YVLL 0256 "Rumbos de Venezuela" IS Good sig,
 another LA noted u/(Hakiel-NY)

680 COLOMBIA Zambrano HJBU 0303 Sep 24 Colombian mx "R.Nat'l de Colombia
 ID Good sig, another LA noted under.

680 PUERTO RICO San Juan WAPA 0306 Sep 24 suddenly o/HJBU w/"Wah-pah"
 ID's fair sig.

690 CUBA Santa Clara CMEC Sep 24 nx"R.Liberacion" ID's this stn is one
 of my "locals" heard nightly w/ a huge sig.

700 COLOMBIA Cali HJXC 0332 Sep 18 big signal, R.Sutatenza ID's.
 710 VENEZUELA Caracas YVKY 0005 Sep 26 R.Capital ID hrd u/WOR.
 720 COLOMBIA Batranquilla HJAN 0405 Sep 24 lively HJ mx, vocals,
 Emisoras Unidas ID xlnt.

725 SURINAM Paramaribo PZX26 0420 Sep 24 US old pop mx, DD talk, xlnt
 730 COLOMBIA Bogota HJCU 0429 Sep 24 Colombian mx, time check, full ID
 as R.Melodia w/ call letters. Good signal.

735 ECUADOR Quito HCGBL 0304 Sep 25 Swinging LA mx, vocals"R.Melodia"
 ID Good signal.

740 VENEZUELA Maracaibo YVNC 0225 Sep 22 LA mx, ancr enthusiastically
 shouting R.Maracaibo ID in+ out w/ another IA, good sig.

750 VENEZUELA Caracas YVKS 0443 Sep 24 US pop mx R.Caracas ID Good.
 750 NICARAGUA Managua YNX 0314 Sep 25 SS talk, R.Sandino ID, Good.
 760 CUBA Habana CFTE 0446 Sep 24 R.Reloj w/ typical nx format.(Hakiel)
 R.Relej on top of channel w/ time pips & man in SS 0412 Oct.2 (St)

780 BRITISH VIRGIN ISLANDS Roadtown 0140 Sep 27 ZBVI EE acc. isalnd ancr
 besting sx event (Rugby?) game ended- back to studio for mx, ZBVI
 Tortola ID fair signal. not Rugby was basketball, Kenny Rogers
 song and AST TC at 0153.

800 NETHERLANDS Antilles Bonaire PJE 0344 Sep 25 EE preacher, tremendous
 sig.

805 t ECUADOR Quito HCFV-1 0358 Sep 25 SS mx, talk, too weak a signal for
 ID

810 COLOMBIA Bogota HJCY 0112 Sep 26 SS talk ,nx? R.Sutatenza ID, good.
 820 COLOMBIA Cali HJED 0553 Sep 22 "LV de Rio Cauca" in battle w/ anothe-
 er LA probably Cuba, at 0557 ID as R.Caracol in EF & FF.

825 ST.KITTS Basseterre R.Paradise 0408 Sep 25, Relig. prog, EE preacher
 xlnt. sig.

830 VENEZUELA San Antonio de las Vegas YVLT 0412 Sep 25 IA mx, vocals,
 R.Sansacion ID's Big signal hrd nightly.

834 BELIZE R.Belize 0430 (date-ed) EE pop mx, EE talk, TC 10:29 xlnt sig.
 840 CUBA Santa Clara CFEL 0144 Sep 26 LA mx, vocals, xlnt.
 840 ST:LUCIA Castries R.Caribe in at 0255 Sep 27 long-winded FF talk by
 woman"R.Caribe" ID s/off at 0300, good sig.

850 COLOMBIA Bogota HJKC 0309 Sep 27 mucho SS talk, CARACOL ments. xlnt
 860 BRAZIL Rio de Janeiro ZYJ459 0635 Sep 28 PP man singing w/ guitar
 accompaniment then woman singing romantica mx, very nice signal

860 COLOMBIA Valledupar 0441 Sep 25 HJ mx, accordions, "Servicio Esmer-
 aldas LV del Cayaguante" ID's good.

870 COLOMBIAIbague HJLA 0300 Sep 22 Colombian mx S8 talk, LV de Tolima
 ID pr-fr sig LRA-1 time pips hrd under.

890 COLOMBIA Bogota HJCE 0533 Sep 28 LA vocals, LV de Bogotá ID xlnt. +
 0500 Sep 25 HJ mx Chimes, LV de Bogotá ID WLS KOed by AU, good sig,
 900 CUBA Caccum CMKB 0510 Sep 25 Cuban mx, lots of SS talk, "R.Progreso"
 Xlnt signal.

910 VENEZUELA Maiquetia YVRQ 0202 Sep 26 SS talk , R.Aeropuerto ID,Good
 920 CUBA Pinar del Rio or Cardenas "R.Reloj" ID's , which one is it? both
 listed as 250 watts, good sig.... The Cardenas tx is right on the
 coast and has a great signal for its power -ed,I would, however
 enter this into my log as a synchronised logged and hence count it
 as one stn. -ed.

930 CUBA Matanzas CMDD 0212 Sep 26 typical Reloj format, good sig.
 940 VENEZUELA Punto Figo YVNW 0216 Sep 26, peppy LA mx, vocals, R.Punto
 Figo ID Cuban Reloj noted under. Good signal.

944 UNID HET Oct 2 0232 (Stutterheim-NY) R.Panamericana-ed.
 984.3 UNID LA mx at various times, Oct 2 at 0210 & Oct 3 at 0147. (Stutter-
 heim-NY) Per Hakiel phone call, he hrd FF here. I seem to remember
 a Haitien going here but not sure. Peru is also on 985, unless they'
 ve moved-ed.

990 GRENADA Mourne Rouge R.Free Grenada 0256 Sep 26 Calypso mx, EE ancr
xlnt sig, prog. named "Party-Time" ... Must be a college stn.?!-ed.

1000 VENEZUELA Moron YVNM 0602 Sep 28 LA mx Mundial Mil ID in & out w/
HJAQ.

1020 VENEZUELA La Asuncion YVRS 0330 Sep 26 disco-type mx "Mundial
Margarita" ID v.gd.

1025 t COLOMBIA Ibague HJFT Sep 28 noted in passing, poor signal.

1035 HAITI m&w in rlg. question & answer session in EE, strong, only
6 db weaker than WEE & a full 10 db stronger than the Cuban on
1040 ID at 2318 (Stutterheim-NY)

1040 COLOMBIA Bogota HJCG 0317 Sep 19 LA mx hysterical ancr. shouting
"R.Super, R.Super,R,Super" ID's several other IA's noted under.

1050 CUBA Las Tunas CMLL 0234 Sep 19 Cuban mx, R.Victoria ID WHN nulled
fair sig.

1060 CUBA Amancio CMIO 0400 Sep 26 SS & US pop tunes. "R.Revolution"
ID Good sig. + 0036 Sep 29, lively LA mx. After each number, a
chorus of voices shout "Viva la Revolution" big deal, hi.

1070 COLOMBIA Bogota HJCG Sep 26 HJ mx, ID R.Santa Fe, good sig.

1070 CUBA Guantanamo CMLL 2310 Sep 19 rising above another SS stn &
burying it. Dialouge w/2 SS men, good sig.

1070 VENEZUELA Maracaibo YVMA 0532 Sep 24 LA pop mx, R.Mundial Zulia
ID also R.Cadena Mundial. good sig.

1100 ANTIGUA strong @ 0019 Oct 3 w/ ad for Ledin Point, promro for"Mx
for Sunday" show, then ad for car dealer. (Stutterheim-NY)

1110 CUBA here strong til 2302 Oct 2, then totally gone- no indication
of s/off, power change? (Stutterheim-NY) I don't know of any
Cubans used for domestic bcsts. which change power -ed.

1120 CUBA in w/blockbuster signal // 1110, man & woman alternating.(St)

1140 CUBA Cd de la Habana CMBW 201 SS talk, Habana ID o/u WRVA, another
LA noted u/, fair signal.

1150 CUBA Bueycitos CMNQ 0153 Sep 19 LA mx"R.Bayama"ID good.

1165 ANTIGUA St. John's 0153 Sep 20 Carib. Lighthouse R. Time Report, ID
EE preaching, good signal.

1180 CUBA Nueva Gerona CMOD 0149 Sep 18 nx in SS, beeps, Morse code u/
WHAM, fair signal.

1190 COLOMBIA Barranquilla HJCT 0115 Sep 17 instr. mx, "Strangers in the
Night", (My friends consider us DXers to really be"strangers in
night!!-hi-ed) Then LV de Costa ID, fair signal another IA noted
under.

1200 CUBA again // 1120 Oct 2 2307. (Stutterheim-NY)

1200 CUBA Santiago de Cuba CMJL 0218 Sep 17 SS talk loud + dominant
over channel, good (Hakiel-NY) I goofed when I typed this as
both receptions should be the same stn-ed.

1205 CAYMAN IS. Georgetown 0245 Sep 29 "Speddy Gonzalez" played then
other US oldies. Very gd.

1220 COLOMBIA Barranquilla HJVF 0001 Sep 29 Colombian mx, ED on the hour
Calls & LV DE Colombia, & CARACOL ID's. Good,

1220 CUBA Espana Republica CMDM Sep 19 "Musica Romantica"(per ancr.)
SS talk xlnt sig.

1241 UNID-believe to be DRep.- constant het against 1240 mess, occ.
rising above noise w/ pfm. hrd several times.TC 0008 Oct 3 was
for 8:09 PM (ie EDT) ment. of Dominican Republic, fades out just
before ID! (Got a snippet of an ID Oct 2 0201 "LA Voz de...
Doce Quarenta(1240), another man said"Radio.." followed by two
women shouting something in unison. (Stutterheim-NY) Sounds
like LV de la Libertad in Puerto Plata. They've been known to
drift all around 1240-ed

1270 CUBA Camaguey CMHD 0145 Sep 28 another R.Reloj w/typical format,
good sig.

1310 CUBA Santa Fe CMOL 0207 Sep 28. Some kind of celebration going on.
(Revolution Anniversary?) Good sig.

1315 UNID 0350 Sep 29 Weak bits of SS mx, talk, not strong enough to ID
.... I think the Dom. Rep. stn. is still here -ed. ID is R.Bani.

1353 UNID het Oct 3 0140 (Stutterheim-NY) HRRW was here last season-ed

1360 VENEZUELA El Mojan YVPI 0500 Sep 26 Catumbo Internacional ID out
of the mess of many stns.

1370 COLOMBIA Barranquilla 0241 Sep 28 HJ mx, R.Piloto ID 2nd time
hrd. A toughie, must have AU cx & exalted carrier use. Fair sig.

1430 CUBA Moron CMIN 0000 Sep 24 loudly proclaiming anniversary or the
revolution. Good sig.

1460 TURKS & Caicos IS. Governor's Beach 0000 Sep 25 VOA Carib. nx rpt.
fr-gd sig o/domestic @RM . (Hakiel-NY) Tentative w/ traditional
jazz, big band, & blues pgm, Ancr had bad hym on mike, ads for
Air Florida flights to Turks & Caicos, BB King tune.(Stutterheim)
Thank to Hakiel for tip.

- 1530 CUBA Moron CMIM 2335 Sep 27 Cuban pop mx, R.Moron ID. Terrific sig for 1 kw.
- 1544 UNID very weak; man in lang. @ 2356 Oct 2. Poss. s/off at 0000. (Stutterheim-NY) No idea -ed.
- 1555 CAYMAN IS Georgetown "R.Cayman" 0209 Sep 17 US disco mx, exlnt. sig. (Hakiel-NY) Noted w/ BEC nx // Belize at 0501 Oct 2 (both strong); also Oct 3 0002 w/nx. (Stutterheim-NY)
- 1580 COLOMBIA Barranquilla HJQZ 0600 Sep 24 LA mx, vocals, R.Principe ID others u/, fair sig, only 1 kw.
- 1596.8 HET strong carrier, no audio. Do not believe it to be TVI as was pure (no ripple) Oct 3 (Stutterheim-NY) This isn't a TVI freq. I Don't know what's here -ed
- 1610 Anguilla Caribbean Beacon noted here Oct 2 2135 w/ Rlg in EE. Early here. (Stutterheim-NY) You may often note stn's like this GRU-1165 & R.Paradise-825 in an hour or maybe more before sunset at your QTH as they lie to the east-ed.
- 1630 UNID LA mx weak 0234 (Stutterheim-NY) Interesting, but I know of nothing here. Maybe a pirate or a clandestine stn.-ed.

CONTRIBUTORS TO THIS WEEKS PIECE OF DX FOLKLORE:

Matt Stutterheim Montauk, NY- R390A, DR33, 51J4, SM1, DA5, DA100,2
200 ft. lw's.

George Hakiel 739 Van Buren Ave. W.Islip, NY 11795 Drake R7A
Sanserino Loop, 4 ft. FET Altaz Loop.

Flash Tip: Per phone call. George Hakiel Heard Peru 1010 in WINS null!!!!

73's & (in honor of George Hakiel) Great DX !!!

- KAZ -

* * * * *

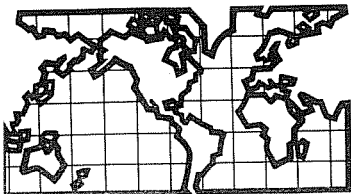
Appendix: a brief table of sunset & sunrise times of interest to TA DXers.
(Times listed, in GMT, are for the middle of the month listed.)

SUNSET: NORTH AMERICA (receiving end of path)

MONTH	Denver, CO	Chicago, IL	Miami, FL	Washington, DC	Boston, MA	St. John's, NF
JAN	2340	2228	2239	2155	2120	1949
FEB	0013	2303	2257	2226	2156	2032
MAR	0049	2342	2317	2301	2235	2120
APR	0129	0025	2339	2340	2319	2213
MAY	0202	0100	2357	0011	2355	2257
JUN	0222	0121	0008	0030	0017	2323
JUL	0215	0114	0004	0023	0009	2314
AUG	0146	0043	2349	2356	2338	2236
SEP	0109	0003	2328	2320	2257	2146
OCT	0030	2321	2306	2242	2214	2055
NOV	2353	2242	2246	2207	2134	2006
DEC	2333	2220	2235	2148	2112	1939

SUNRISE: EUROPE/N. AFRICA/NEAR EAST (transmitting end of path)

MONTH	Senegal	Portugal	England	W.Germany	Italy	Turkey	Saudi Arabia
JAN	0733	0748	0759	0701	0632	0514	0336
FEB	0724	0717	0708	0617	0558	0442	0319
MAR	0712	0643	0613	0528	0519	0406	0259
APR	0700	0604	0512	0434	0436	0325	0237
MAY	0650	0532	0421	0350	0400	0252	0219
JUN	0644	0514	0349	0323	0339	0233	0209
JUL	0646	0521	0401	0333	0347	0240	0213
AUG	0654	0547	0446	0411	0417	0308	0228
SEP	0706	0623	0543	0502	0457	0345	0248
OCT	0718	0701	0642	0554	0540	0425	0310
NOV	0730	0736	0739	0644	0619	0501	0329
DEC	0735	0755	0811	0711	0640	0521	0340



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 - deadline Tuesday

Not too much to report this time around, but the JJ's have been showing up quite a lot lately. Several of the Lower Powered Commercial Stations also have been heard. So on with the report:

TRANS-PACIFIC DX ROUNDUP

- 531 JAPAN, Morioka-JOQG, hrd quite well with OM in JJ, Jazz mx at 1435 on 10/10. (PM-Or)
- 558 SOUTH KOREA, Pohang-KBS hrd vy well with U.S. Pop mx show at 1430 on 10/10. Seemed to be // w/603 KHZ, OM in KK. (PM-Or)
- 567 JAPAN, Sapporo-JOIK, good w/OM in JJ at 1345 on 10/10. (PM-Or)
- 585 NORTH KOREA, Pyongyang-hrd fair w/OM in KK, distorted audio, some class. mx at 1349 on 10/11. (PM-Or)
- 594 JAPAN, Tokyo-JOAK, vy good // to 567 w/OM in JJ at 1346 on 10/10. (PM-Or)
- 603 SOUTH KOREA, Namyang-HLSA hrd fair, sounded // to 558, w/US Pop mx at 1431 on 10/10. (PM-Or)
- 612 JAPAN, Fukuoka-JOLK, good w/ NHK 1 talks at 1340 on 10/10, in JJ (PM)
- 648 JAPAN, Toyama-JOIG, hrd // to 612, at 1341 on 10/10, while looking for FEN. (PM-Or)
- 666 JAPAN, Osaka-JOBK, vy good // 612 w/OM in JJ at 1342 on 10/10. (PM-Or)
- 675 JAPAN, Yamaguchi/Hakodate-JOUG/JOVK, here // 666, weak but clear w/ich OM in JJ 1342.30, 10/10, in passing. (PM-Or)
- 693 JAPAN, Tokyo-JOAB, here at 1416 on 10/11, w/Language Lessons in EE, vy strong, o/UNID. (PM-Or)
- 702 JAPAN, Kitami/Hiroshima-JOKD/JOFB, here // 693 w/Lang. Lessons in passing at 1417 on 10/11, vy good. (PM-Or)
- 720 USSR, Yuzhno/Sakhalinsk-World Service noted here in EE at 1405, w/YL, ending mx at 10/11, then sounded like pgm in JJ?? But too poor to tell. (PM-Or)
- 738 JAPAN, Toyama-JOLR, fair to good w/Pop mx and Toyama ment, JOLR call given in EE at 1359.30 on 10/9. Unneeded, but nice to hear. (PM-Or)
- 747 JAPAN, Sapporo-JOIB-w/Lang. Lessons at 1420 on 10/10, good. (PM-Or)
- 774 JAPAN, Akita-JOUB-w/ Lang. Lessons in EE at 1422 on 10/10. (PM-Or)
- 828 JAPAN, Osaka-JOBB w/ Lang. Lessons // 747,774 at 1425-10/10. (PM-Or)
- 837 SOUTH KOREA, Seoul-HLKY-CBS hrd w/brief Organ mx and YL in KK at 1435 on 10/12, terrible JJ QRM. (PM-Or)
- 973 UNID, putting tremendous bet on KBEE/KUZZ, difficult to pick out -but sounded like Opera or choir in KK or JJ. Aussies and Zedders are impossible (or nearly) here in the Santa Clara Valley, on 10/4, 1345. Ideas? (Poss. South Korea or USSR. South Korea has been hrd here often on 972, lately so presume HLCA-1500 KW. FM) (RW-Ca)
- 1008 JAPAN, Osaka-JONR, hrd well w/Pop mx (JJ) at 1420 on 10/12, YL and OM in JJ. (PM-Or)
- 1026 AUSTRALIA, MacKay-4MK, good o/China/JJ w/rr mx, and ID-1430 on 10/12, About the only good DU. Others in but alot of JJ, KK, or CC QRM. (PM-Or)
- 1044 CHINA, vy good here w/YL and OM in JJ at 1420 on 10/9, also noted other mornings in Passing. (PM-Or)
- 1053 JAPAN, Nagoya-JOAR, vy good w/OM in JJ, JJ Pop mx, Spots, CBC jingle at 1445 on 10/12. (PM-Or)

VERIES:

- 711 AUSTRALIA, St. George-4QW, sent reg. vq in one month, rep. sent to Brisbane. (PM-Or)
- 690 MEXICO, Tijuana-XETRA-sent letter rep. to Tijuana, finally bothered to send rep, after 15-20 years, sent vq in one week. (PM-Or)

THANKS TO THESE REPORTERS: (Should Say This, Where is everybody?)

- RW-Ca Robert Wien-1309 Dentwood Drive-San Jose, Ca. 95118
GE TRF Long-Range Port. ca 1962, SM-2
- PM-Or Yer Editor
SP-600 JX, RBO-2, 200 foot term. 1w, 900 foot beverage(East).

THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (510 to 1630 Khz). IRCA is a member of AWAAC, the Association of North American Radio Clubs.

OFFICERS: President--Don Kaskey, 465 Burnett, Apt. 1, San Francisco, CA 94131. Secretary--Treasurer--Rich Segalas. Board of Directors--Phil Bytheway, Nick Hall-Patch, Ric Heald, Ernie Cooper, Jef Jaisun, Bruce Portzer, Niel Wolfish.

MEMBERSHIP DUES: \$16.50 First Class to the U.S.A., Canada, and Mexico. \$20.00 Air Mail to the rest of the world via Canada. Air mail direct from the U.S. \$25.00 to Central America, Caribbean, Colombia, and Venezuela; \$30.00 to the rest of the world. Sample copies cost 50¢ each or three International Reply Coupons. Make checks and money orders payable to I.R.C.A. Persons living outside the U.S. should send checks or money orders payable in U.S. funds.
DUES AND ADDRESS CHANGES should be sent to Rich Segalas, P.O. Box 26254, San Francisco, CA 94126.

DX MONITOR, the official bulletin of the IRCA, is published $\frac{3}{4}$ times a year; weekly from October to March, twice in September and April, and monthly from May to August.
PUBLISHING STAFF: Bruce Portzer (editor-in-chief), Phone1 (206)-522-2521, Evelyn Portzer, Nick Hall-Patch, Jef Jaisun, and Phil Bytheway.

THE IRCA GOODIE FACTORY. The IRCA Almanac, Foreign Logs, reprints, and other materials are available for nominal charges. For a complete list, write to P.O. Box 17088, Seattle, WA 98107.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in DX Monitor, provided credit is given to IRCA and the original contributor.

Opinions expressed in DX Monitor are those of the contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors, or officers.

DX Monitor is printed by Save-on Printing, Seattle, WA.

IRCA

P.O. BOX 21074

SEATTLE, WA 98111

U.S.A.

First Class

FIRST CLASS MAIL
U.S. POSTAGE
PAID
Seattle, WA
Permit No. 601