

SPEEDX

the dx radio magazine for active shortwave listeners

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1974

world dx handicapped aid year

June 1974



Vol. IV — No. VI



KEYNOTES



THIS MONTH WE CONGRATULATE 5 NEW FULL MEMBERS

KENNETH EARHART ALLENTON, PA.	CARI O. RADTKE SANTA ANA, CA.
THOS. E. SMITH ORLANDO, FL.	JIM MEEHAN BERKELEY, CA.
EVELYN TURNER AURORA, IL.	

Certificates of Full Membership and a copy of the SPEEDX Constitution were mailed to each of the above Full Members in May.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

KENNETH FORD CLINTON, IL.	ROBERT J. HILL JR. SAN FRANCISCO, CA.	EDWARD MCEIWAIN BOUIDER, CO.
KENNETH GROVE HONOLULU, HI.	ARMAND JOHNSON MEIROSE PARK, IL.	OTTO SCHILLING PHOENIX, AZ.
JOHN ROSE ENGLAND	FREDERICK BAUER DEARBORN, MI.	CLIFF HODGKINS ENGLAND

SPEEDX members and staff are looking forward to your loggings and general club support. We want to hear from all of you often. Good DXing.

SPEEDX RUBBER STAMP

SPEEDX insignia rubber stamps are again available. You may order them from SPEEDX Headquarters; P.O. Box E - Elsinore, Calif. 92330. Price: \$ 4.50 in the U.S.A., Canada and Mexico, \$ 5.50 elsewhere. Order them now while they are available. Dress up your stationery, go First-Class with a SPEEDX EMBLEM RUBBER STAMP.

HELP WANTED

Volunteer to Translate in the Indonesian Language for the HANDICAPPED AID PROGRAM (HAP). Please contact, R. Bill Paschke, Translation Committee Chairman, 855 Elm St. Beloit, Wisconsin 53511 U.S.A.

SPEEDX PROMO GIMMICKS

Have you noticed the clever SPEEDX promotion ideas in SPEEDX off & on for the past five or six months. We are indebted to Serge Neumann for them. Many of you have heard Serge on DX Juke Box, Radio Nederland. Now you can meet him "EYE BALL to EYE BALL" at the ANARC Convention. July 5, 6, and 7. He will be there, will you?

Cont. next page

GALAXY R-530 OWNERS

Allan F. Jenkins, 105 Westwood Drive San Francisco, Calif. 94112, is interested in hearing from owners of the Galaxy R-530, San Francisco Bay area preferred. Allan, I doubt that SPEEDX has any members in the Bay area owning R-530s.

SCADS SOUTHERN CALIFORNIA AREA DXERS

SCADS will be holding their next meeting at the home of Verlin Shinn in Hidden Hills, a suburb of Los Angeles, on August 17 and 18. Full particulars later. Note to Steve Kemp, there is a swimming pool on the premises.

EQUIPMENT FOR SALE

Heathkit SW-717 General coverage short & medium wave, Goldline antenna tuner and Q-box audio filter. All in excellent condition. \$ 75.00 ppd. Contact Jeff Hambricht, 45 Claude Ave, Denville, NJ. 07834.

Drake 2-C Receiver, excellent condition, with SW crystals for 49, 31, 25, 19, 16, and 13 meter bands in switch box, \$ 165.00. Contact Tom Fleming, 1755 Riviera Circle, Sarasota, Florida 33580.

BACK ISSUES OF SPEEDX FOR SALE

Get them while they last for only .75¢ per copy.

1971; Oct, Nov.

1972; Mar, Apr, Sept, Oct, Nov, Dec.

1973; Mar, Apr, May, Aug, Sept, Nov, Dec.

An 8 page SPEEDX Bonus: 1972 ANARC Boston Convention issue, contains 4 pages of pictures of your fellow DXers. While they last .25¢ apiece.

UDXI REPORTER

A monthly DX Journal of the Universal DX Club of India is published in English. The Reporter may be ordered from Joseph Gannon, 4140 N. Kilpatrick Ave, Chicago, Ill. 60641 \$ 5.00 per year. Application and details can be had from UDXI, Box 32, Bangarapet-563 114 Karnataka, India for return postage. I would suggest 2 IRC's

IRCA CONVENTION

The 1974 IRCA Convention will be held July 19-20-21 at the Sheraton - Benton Inn, 800 Rainier Ave South, in Benton, Washington, near Seattle. Information may be obtained from Bruce Portzer, 14056 5th Ave. South - Seattle, WA. 98168

ANARC CONVENTION

The 1974 ANARC Convention Committee has failed to send SPEEDX an up-date on the convention; Convention is to be held on July 5-6 & 7 at the Concordia College in Bronxville, NY. Contact Convention Committee, P.O. Box 501 Bronxville, NY. 10708 for particulars.

NASVA CONVENTION

The 1974 NASVA Convention is to be held July 19-21 in Columbus, Ohio.



DX MONTAGE

RESEARCH/COMPILATION/INTRODUCTION by A. W. BRUKS

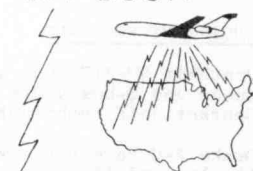
74 Massachusetts Road

Oakdale, Connecticut 06370

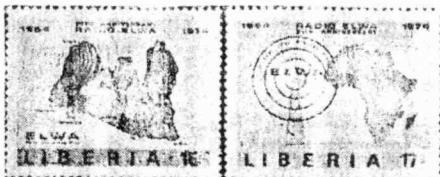
A.N.A.R.C. REVISITED (or "How long can you wear water"): As a survivor of last year's convention of the Association of North American Radio Clubs, I have recounted in previous editions some of the aspects social and technical....most spontaneous, seem actually planned.....that are liable to dot the scene at a typical gathering of an atypical group of radio enthusiasts. There is no reason to suspect, however, that this year's conclave scheduled for Bronxville, New York, will feature a repeat of San Diego's legendary "one-man pool party"....though, if a deserving person and a suitable site should coincide...who knows? One thing we can be sure will not recur is the cross-country EGB DXing bonus your editor experienced in co-operation with United Airlines. Incidentally, reports were filed with the various medium wave outlets heard and some interesting replies resulted. For example, a letter from Gordon Alsum, Chief Engineer for KORK in Las Vegas, stated, "thank you for your reception report of July 26...it was the first we received from 35,000 feet above anywhere!"

ANARC OR BUST!

The REDUCASIS in Las Vegas



KORK/920



PHILATELIC HONORS FOR MARCONI AND FOR ELWA:

A set of four multicolored stamps to mark the twentieth anniversary of Radio Station ELWA in Monrovia was released during January by the Republic of Liberia. Brazil, on 25 April, issued a single commemorative in honor of the birth centenary of Marconi... and one month earlier Brazil had paid tribute to the press, radio and television communications media with a trio of issues which included a single one noting the fiftieth anniversary of Radio in Brazil.... more radio philately is expected before the year end.



YOU'RE NOT LIKELY TO HEAR IT ON RADIO UGANDA, BUT...

...good ol' Ernie Ford had a voice in the abortive revolt which took place in March. According to an item from the Chicago Sun-Times noted by Steve Handler and a Paul Harvey News broadcast heard by Roger Giannini, the playing of a recording of Tennessee Ernie Ford singing "Onward Christian Soldiers" was the signal for the nationwide military uprising against President Amin. The recording was played over Radio Uganda when the rebels briefly took over the station, but the revolt in the provinces never happened. If you heard this particular broadcast, I'd advise against mentioning it as part of your program details in the reception report...

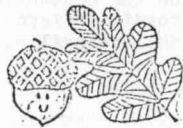
M.A.D.-MEN THERAPY SESSION: If you're near the New York City environs during the final weekends in June you'll do well to write to Richard Shaftan, 60 Gramercy Park, New York City, 10010, potential host of the next informal gathering of the Metro Area DXers...

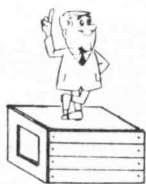
"YOU ARE TUNED TO 'THE VOICE OF BREZHNEV'":

According to the semi-annual report of the U.S. Information Agency, VOA carried Secretary Brezhnev's voice back to the U.S.S.R. in its Russian language broadcasting during June of this year. In an item forwarded by Mississippi SPEEDYer Jack Jones from pages of the Jackson Clarion-Ledger, the report mentioned that this led to the interesting situation in which the Soviet leader's own words, as well as accounts of his actions, were being blocked by his own jammers during his visit to the United States. Only on one occasion did this irony prove too much for the people who were making jamming decisions. That was when the VOA preannounced a simultaneous broadcast of Brezhnev's TV address to the American people on June 24. Jamming stopped about two minutes before the address began and remained off for the duration of the speech....at that time it was the first clear-cut interruption of the Soviet jamming of VOA since such electronic QRM was resumed in 1968 during the Soviet troops presence in Czechoslovakia...

ACorns FROM OAKDALE:

Poverty is catching....
You can get it from your wife and kids.....





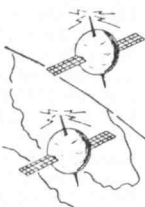
The SOAP BOX

A DIVISION OF "DX MONTAGE"

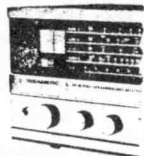
Moderator: *Glan W. Brooke*

RON LANGUE (Massachusetts): Satellites ending DXing on shortwave? Hogwash! First, the number of countries capable of launching satellites and/or pooling an orbital transmitter with someone else can be counted on your fingers and toes with enough digits remaining for you to twirl your dials...

Second, international broadcasts from satellites should be more dependable than those via the ionosphere; thus broadcasters should be content with one or two signals per transmission...and not clutter up the bands with dozens of signals in the hope that a few make it through no matter what. Imagine all the DX now being blocked by the powerhouses which will be able at last to come through!!!



Third, logging the U.S.S.R. or Canada or Germany might once again become a challenge if we were forced to listen for local stations in those countries, instead of easily picking up their international services. This is not to mention...as Mr. Hyndman discussed as part of the SOAP BOX for December...



BRANDON LOVETT (Ohio): I would like to speak for all DXers who use lower-priced communications receivers by telling the pros who have receivers with hot and cold running water and a beer tap...G'mon, guys, give us a break!

Now we realize that our DX-150A's may not be SFR-4's, but it gets slightly depressing when we hear the more affluent of our great hobby describing our receivers as "okay for a beginners' rig", or, the really depressing one, "I use it as a spare, "junk" receiver...

My DX-150A is my pride and joy, the effort of a lot of saving! When aimlessly tuning images on my overpriced 4.5-12 MHz SW, 1.6-4.5 MHz MB, AM-FM radio, I admired the DX-150A....the impossible dream, I thought...

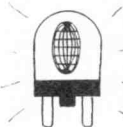
Finally, however, the day came for that trip to Lima Radio Shack to pick up the last DX-150A on the shelf. At last I could DX the 60-metre band without images getting in the way. I'll be the first to admit that I can't tell the difference between 4960 and 4890 with it...and that the calibration may be a bit off, but I can still DX on it...

Maybe someday I'll be able to fork out enough for a Drake SFR-4...but for now I'm content with my DX-150A. So, DXers with better rigs, I say to you, sure you'll hear Tristan before I will, but have a little bit of consideration for us "poor folk"...

ARJON D'ANGELO (California): In November I logged Radio Ghana and sent a reception report. In February I received a letter from a man in Ghana who wished to be my pen-pal. I promptly returned a letter of my own and in a few days received three of his local newspapers. Following this was still another letter and, later, a third letter and picture postcard. This correspondence and exchange of local newspapers continued. He is a nice pen pal to have and is sincere in his letters. He loves the Voice of America...and in his local newspaper, I noticed the V.O.A. times and frequencies listed next to the B.B.C. schedules. He stated that he hoped he would be able to have a pen-pal in the U.S. and was extremely happy to find someone who shared his interest...



As a direct result of shortwave listening, I have been able to communicate with an individual thousands of miles away. I never did get my QSL from Radio Ghana, but I received something a lot more interesting. I never thought that our hobby would serve international relations, so to speak, right here in my own home. I have learned a lot about Ghana and I hope he has learned about our country...



BRUCE GOLDMAN (New York): International Utility Hunters had come up with an excellent abbreviation...the idea of using an asterisk prior to a time for a sign-on and one after for a sign-off. The IUH developed and used this since its foundation...and I was gratified to see it appear in the "Asia-Oceania" column...hoping that it will become as popular as 73 or QSL...it is a very simple and easily recognizable aid. I am interested in finding if DXers have found it to be of help, so that other clubs and/or DX columns will use it...

John L. Kolb
12532 Arabian Way
Foway, CA 92064

Wes Mullen has been listening to utility stations on his SX-190 by deliberately mistuning the preselector control, and would like to know how to tell what frequency he is tuned to. Receivers, such as the SX-190 or SPR-4, which tune in 500 kHz bands normally have a preselector control to tune the RF Amplifier separately from the frequency range selector control. If so, the preselector can be tuned to what would normally be the image freq. In a normal, single conversion receiver, the image is a constant amount, twice the IF frequency above the tuned freq. In a double conversion receiver of this type, it's a little more complicated. On the SX-190, 0 on the Kilohertz dial is 5840 kHz above the normal freq., and then the dial tunes down from this freq., instead of adding to the base freq. Thus the 3.5-4 kHz band becomes 9.34 (at 0) to 8.84 (at 500) kHz. The 11.5-12 MHz band becomes 17.34 to 16.84 MHz. In this case, the crystal freq. is being subtracted from the received freq. to form the first IF, instead of subtracting the received freq. from the crystal freq. As well as causing the dial to tune backwards, subtracting from the base freq., instead of adding, it also causes the sidebands to be inverted. That is, a station transmitting on USB would be received on LSB. The conversion factors above are for the SX-190 only, and would have to be calculated separately for other receivers. The preceding taken from a NASWA publication "ALLIED SX-190 RECEIVER A Consumer's Report" by Ed Shaw.

Wendell Vogel would like to know if it is better to use a wooden support at the end of a long wire antenna or a aluminum pipe or tube. Either can be used, or anything else. You should, of course use an insulator between the antenna and the supporting object. If you are using a tree to hold up one end of your antenna, the antenna end and insulator should be outside the edge of the leafy area. This is to prevent tree limbs burshing against the antenna itself, creating static, or shorting the signal partially to ground. Also the length of rope from the insulator to the tree trunk should be well away of limbs which might swing around in a wind to knock down the antenna. Of course, if you used a three story steel frame building for a antenna support, you might find some shielding effects in some directions.

Stephan Schilde, W. Germany, would like to know the antenna input impedance or how to measure it, of the Barlow-Wadley, and the effectivity of an outdoor antenna. Well, Stephan, as you said, the input Z is not listed in the service manual, but it would probably be very low, being designed for a very short (compared to wavelength) antenna. The receiver could be measured with a RF Impedance Bridge, but you are not likely to borrow one of these from your next door neighbor. The Barlow Wadley, because it was designed for use with a short antenna, is unusually sensitive, and I don't think you need to worry about the losses you would have connecting a long wire antenna to the B-W. I think even a poorly situated outside antenna such as you describe would help; your problem, if any, will be receiver overload caused by too much signal, not a lack of signal strength.

Neal Kolb (no relation) was written to report on the new Drake R-4C. While intended mainly for the radio amateur, it can be used for SWling by adding accessory crystals. The R-4C is a hybrid, using both tubes and transistors. It's main disadvantage is that it does not tune below 1500 kHz, omitting the broadcasting band. Neal is quite happy with it, but has not had a chance to compare it side by side with his SPR-4, which is out for repairs. Neal writes, "The SSB operation with pass band tuning and the notch filter have made it possible to get readable signals from stations that were only an indistinguishable blur of sound in the AM mode. ... the R-4C has the same problem that we experience with the SPR-4 - that is, the tuning shifts several kHz when changing from band to band, but with the built in xtal oscillator which gives a check point every 25 kHz, this is not too much of a problem. The R-4C still does not have as much gain as I would like and the set as received has the really broad (8 kHz) filter on AM ... The preselector peaks rather sharply, and I have found it necessary to peak it almost every time a different station is tuned in. This is not intended as a criticism, but can be considered an asset and I find that on occasion detuning the preselector slightly will really clear up a signal." The October issue of "Ham Radio Magazine" has a good article on this receiver, mostly about the passband tuning. One feature I don't like in the R-4C, as in the SPR-4, Drake has ganged the mode and selectivity controls, so you can't stay in AM and switch to a sharper filter, you have to go to SSB and zero beat the carrier. The R-4B had separate switches. I will admit this is not essential - almost tune around in the SSB mode anyway - even though I rewired the SPR-4 to have separate controls.

The February issue of "CQ" magazine has a very outstanding article on the role of radio communications in New Guinea. It's well worth a trip to your local library. I finally found a world globe I like, the one being offered by the Reader's Digest. It's free-floating in a cradle, rather than being held in a frame by pins through the poles.

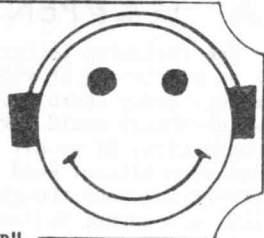
John DL, John



HAPPENINGS

HANDICAPPED AID PROGRAM

GENE MOSER - HAP DIRECTOR
6805 Woodland Court
Coloma, Michigan 49038 USA



"1974 WORLD DX HANDICAPPED AID YEAR"

HAPpy SUMMER Welcome to the sunny, warm days of June! And too, the summer QRM. And boy do we have it since the May frequency shifts, Hi.

HAP INTERNATIONAL Our branch office in England is bringing great results! The untapped wealth of people to be helped is tremendous! And Edward Hindle is doing a super job in bringing their disabled in contact with our hobby.

CHAP The HAP Canadian Chapter is doing well under its chairman Harold Sellers. In a few months I hope to bring you details of CHAP. This hands across the border is proving very worthwhile.

HAP PRODUCT SERVICE Over the last 2½ years HAP has raised funds in various ways. 80% of our money has come thru your purchases of products we offer here. Our product line is very small, but we hope to add to it gradually. We won't offer the WRTH or any other publication after the end of June. Any item advertised will be in stock at HAP HQs, and will be shipped to you within 24 hours after receipt. Checks/MO's should be payable to HANDICAPPED AID PROGRAM. This month we have two old standbys and one new item to offer.

All products will be sold only in the USA, Canada, & Mexico. Because of packaging, shipping, & payment problems, we will no longer accept overseas orders. Besides, in 2½ years we have only had five orders from overseas, so this decision should not cause any disappointment to our friends abroad.

We now offer these products with the reminder that any & all profits from sales go to help finance our HANDICAPPED AID PROGRAM.

- 1) HAP JACKET PATCH...A three color patch in red, white, & blue. Design is like HAP crest in above masthead. Price.....\$1.00
- 2) HAPpy stamp This 7/8" rubber stamp looks like the smile face in the above masthead. A popular item indeed, as we have re-ordered our supply three times since it was first offered. Put a SMILE on your mail. Price..\$2.00.
- 3) NEW..NEW..NEW This is an item you & I use everyday. We have added a HAP BALL POINT PEN to our product line! It has a gleaming chrome cap, tip, and large round plunger. Barrel color is Royal Blue. And, most important, its medium size ball spreads its blue ink smooth & easy! Your hand will never tire when logging stations, making out reception reports, etc. The price is just \$1.25 each, with additional pens at \$1.00 per. The pen has a silver message on the barrel, and you'll have to buy one to know what it says.

SPECIAL OFFER 1 patch, 1 smile stamp, & 1 pen.....only \$3.75! Order now as this special offer expires at the end of June. Remember, your purchases keeps us rolling. We dry up & stop when you don't support us! This product list will not appear again until August, so please save it and order. Our thanks in advance!

THANKS to Dr. Charles Lippoldt & Henry Dammeyer for their generous donations of receivers to HAP. Your kind support is much appreciated!

RECEIVERS NEEDED! We have urgent need of usable shortwave receivers NOW! If you have a SW rig your no longer using, how about donating it to HAP so some one less fortunate than yourself can enter the fascinating hobby of short-wave listening? At present we have just 2 portable and 1 table model rigs. When these are placed we will be unable to supply any other HAPpies until more receivers are located. How about it gang? Please write to me before shipping, and thanks.

A HAPPENINGS X-TRA

The following letter appeared in the DISCUSSIONS section of APRIL EDXC NL. I am reprinting it with mixed feelings. 1st, it looks like WDXHAY is washed up. Today there are many projects like HAP. But they need world support, which WDXHAY could give. 2nd, changing WDXHAY to a CAMPAIGN is a healthy suggestion. If we all look at WDXHAY as a continuing project, all may turn out even better. Read over the letter, then spend 28¢. 18¢ for an AEROGAM expressing your thoughts to Harry van Gelder (c/o Radio Nederland, PO Box 222, Hilversum, Holland) then 10¢ to me (Gene Moser, 6805 Woodland Court, Coloma, MI 49038) telling me how you feel about Harry's suggestion.....gm

"The following will, I hope, clear away some misunderstandings and bring matters into prospective.

- 1) 1974 was not 'proclaimed' World DX Handicapped Aid Year by Harry van Gelder, as some seem to believe, and has been stated in publications.
- 2) In a circular-letter dated November 1973, addressed to DX Federations and Clubs, and to SW stations, it was suggested, on the evidence that some DX clubs in the USA & Europe were concerning themselves with introducing DXing to the handicapped, that DX Clubs worldwide might care to undertake similar projects in their own area.
- 3) In that circular-letter the matter was put forward for discussion, & a ten-point proposal was submitted.
- 4) There has been some positive reaction (not enough by far), and some negative. It is not for a broadcaster to question or criticize the attitude of a DX Organization. Nor can he dictate a course of action. He can only state what he has in mind, and leave it to the people concerned to accept or reject his proposals. But, for the sake of that 'perspective' mentioned above, please permit the following observation.
- 5) Too much emphasis has been laid on the '1974' element. It has been argued that the proposal came too late to do anything about it. But is it right to make activity on behalf of handicapped people dependent on how much time is available in one particular year? Would it not have been more realistic to regard WDXHAY '74 as a year for getting things underway? It was never intended that the project should be restricted to 1974. And is not preparation an activity in itself?
- 6) It is now being suggested that the WDXHAY be postponed until 1975. Once again, this is up to the people concerned. However, 1975 has only twelve months also, and we have already seen that too much importance is being attached to a point in time. As a counter-suggestion: why not forget about the year altogether and concentrate on a WORLD DX HANDICAPPED AID CAMPAIGN. Then 'dating' our activity doesn't matter anymore. It can start anytime and go on indefinitely.
- 7) DX RALLY Seeing only 3 SW stations (R. Canada, R. New Zealand, & R. Sweden) out of 24 have replied to the November '73 circular-letter, the idea of coupling the DX Rally to WDXHAY will have to be dropped. In fact without the cooperation of a fair number of stations it will not be possible to have a DX Rally at all.
- 8) Radio Nederland will continue to support DX Club initiatives on behalf of the handicapped, and to devote air time to such initiatives. A special QSL-card is being designed, bearing the inscription 'WORLD DX HANDICAPPED AID CAMPAIGN' in print and Braille. This may seem premature, & even presumptuous (the matter still being "sub judice") but it is in fact a tribute to those DXers on both sides of the Atlantic who inspired the WDXHAY idea by their efforts in the interests of the handicapped. It is also hoped that it will, in turn, inspire further action"

(signed) Harry van Gelder

SWBC DX - Western Hemisphere

— EDITOR —

E.J. "Jim" Whitehead
177 Pine Ridge Road
Reading, Mass. 01867



REFRAN

"Haz bien y no mires a quien"

BRAZIL BEGINS TESTING NEW TRANSMITTER

There can be little doubt that Radio Nacional de Brasília has begun testing its new transmitters as many DXers report hearing test broadcasts this month. The only problem seems to be where to find them as the broadcasts, which consist of continuous music and announcements describing the transmitter and antenna, have been noted on 11780, 11820, 15245, and 15385 kilohertz. Look for the International Service, no longer noted on 15445 kilohertz, on one of these frequencies soon.

RADIO CLARÍN - NEW DOMINICAN POWERHOUSE

That strong signal now dominating 4850 kilohertz is, for those of you who haven't yet noticed, station HIRL, Radio Clarín. Located near Santo Domingo in the Dominican Republic, this station was first noted testing in late April and began regular programming on April 25 th. In addition to 4850 kilohertz where it lists 3 kw of power, this new Dominican also lists 50 kw on 11700 kilohertz. To date, however, HIRL has not been noted on this latter frequency.

Programming is parallel the medium wave outlet of 860 kilohertz with a mixture of music, news, commentary and sports. IDs and commercials are numerous and there is frequent use of slogans such as "Radio Clarín, la emisora más potente de la Republica Dominicana". Politically, HIRL is pro-government and in the days before the Dominican elections, which were held on the 16th of May, the obviously pro-Balaguera feature, "Revolución en Marcha", could be heard nightly at 0100 GMT. At 0200 GMT there is a half hour summary of world, national, and local news called "Clarín Informativo". This newscast is sponsored by Monte Carlo.

A full identification announcement is presented every thirty minutes. This lengthy message is read by two men and a woman and advises that Radio Clarín broadcasts "para que el mundo conozca un país que se proyecta."

NO END TO TROUBLE FOR CHILEAN BROADCASTERS

From the weekly newsletter LATIN AMERICA comes word that Radio Presidente Balmaceda was shut down for a week in late April after the ruling military Junta protested against a series of commentaries by the Christian Democrat ideologue Jaime Castillo Velasco. As the gap between the junta and the Christian Democrats continues to widen, Radio Balmaceda, which was given to the Christian Democrats for 40 years by the Allende government, is likely to play an increasing role in politics once again. It is no wonder LATIN AMERICA notes Radio Balmaceda is "unlikely to remain independent much longer."

DITTO FOR BRAZILIAN BROADCASTERS

The closing of Brazilian radio stations continues, reports Bob Veltmeijer from São Paulo. Quoting an article headlined "Three more stations say goodbye to their listeners", Bob relays the word that Rádio Emissoras Piratininga (1200, 6025, and 11745 khz), Rádio Rio Preto (640),

and Rádio Jornal de Baurú (1270 and 3305) have all lost their licenses through a legal procedure that leaves little chance for appeal. Though still being heard as of this writing, these stations will likely depart the airwaves as soon as formal notification procedures are completed.

These new closings follow closely on the heels of three similar closings several months ago. These stations, including Rádio 9 de Julho, remain temporarily on the air by virtue of a court order that was issued pending a final decision by the Court of Appeals. The Government, however, seems determined to silence its opposition and I, like LATIN AMERICA above, don't expect any of these broadcasters to be around for long.

AND SO TO THE LOGGINGS...

Well, I'd best get to the loggings before I squeeze them all out with my long winded prose. But, I might ask if you got last month's refrain. Very applicable to DXing I believe is "The best sauce is the hunger". Think about it. OK? And, while you are at it remember that all times are GMT, all dates are in the month/day format, and reception conditions are reported using the SIO code.

ARGENTINA

- 5985 0900 LRS2 R. Splendid:Sp.w/music,everything from classical to pop, and talk (433,4/21;Zilmer-WI)
 6060 0417 LRA31 R. Nacional:Sp.w/YL ID, into jazz mx (243,5/9;Snyder-CA) (244,2255,4/29;Moore-PA)(433,0910,4/21;Zilmer-WI)(343,0948,4/26;Jones-MS)
 9690 0358 LRA32 Radiodifusión Argentina al Exterior:Eng.w/nx,cmntry,& features (342,4/9;Meehan-CA)(353,0300,4/17;Radtke-CA)(444,0420,4/19;Cleveland-CA)(433,0436,4/12;Rodriguez-PR)
 11710 2340 LRA35 Radiodifusión Argentina al Exterior:Eng.w/ID by YL into nx (--3,4/29;Schneider-CA)(444,2313,4/26;Smith-FL)(444,2330,4/24;Miller-CA)
 11755 2330 LRX R. El Mundo:Sp.w/LA mx,tlk (444,4/26;Eckman-NB)(--2,2230,4/29;Schneider-CA)
 15345 0245 LRA33 R. Nacional:Sp.w/mx,tlk (333,5/7;Garrett-CA)

BOLIVIA

- 4875 0937 CP75 La Cruz del Sur:Sp.w/little tlk, hymns (153,4/28;Moore-PA)(332,0234,5/3;Cleveland-CA)(333,0020,4/30;Miller-OH)

BRAZIL

- 3245 0100 ZYC50 R. Clube da Conquista:Port.w/ID as "R. Clube da Conquista em ondas medias e tropical",mx,0200 s/off (--3,5/5;Veltmeijer-BRAZIL)
 3315 2335 ZYL26 R. Gazeta de Alagoas:Port.w/comls,pop mx,ID @ 0000 into nx (252,5/8;Whitehead-MA)(253,2310,4/20;Moore-PA)(333,2330,5/4;Earhart-PA)
 3375 0257 ZYK28 R. Olinda Pernambuco:Port.w/mx,ID as "R. Olinda" (332,5/3;Cleveland-CA)
 4887 0904 ZYG26 R. Pioneira de Teresina:Port.w/TCS,freqs,ID(343,4/23;Jones-MS)
 4915 0910 ZYB2 Rdif. de Macapá:Port.w/fast tlk,ID,LA mx (152,5/11;Moore Moore-PA)
 4995 0855 ZYX2 R. Brasil Central:Port.w/"Lara's Theme", dramatic monologue (433,4/21;Kolb-FL)
 5025 0040 ZYK41 A Voz de São Francisco:Port.w/OM tlk,exotic mx in this TENTATIVE logging. (152,5/5;Moore-PA)
 5965 0925 ZYU60 R. Guaíba:Port.w/tlk,jazz to pop mx (443,4/21;Zilmer-WI)
 6000 2150 PRK5 R. Inconfidência:Port.w/tlk,ID (333,4/29;Giannini-IL)(433,0130,4/30;Day-CA)
 6025 0845 ZYR63 R. Emissoras Piratininga:Port.w/ tlk,Brazilian style mx (433,4/21;Zilmer-WI)
 6035 2300 ZYZ26 R. Globo:Port. w/ tlk,pop mx (432,5/4; Zilmer-WI)



RÁDIO CLUBE DE RIBEIRÃO PRETO S.A. - PRA7

ZYE50

AV. BRASIL DO MARANHÃO, 16
 FONE: 391.1.581 - FAX: 391.1.589
 CASA POSTAL 24 - RIBEIRÃO PRETO - SP

ONDAS CURTAS - 15.416 KCS 10 METROS - ONDAS MEDIAS 730 KHZ

BRAZIL (cont.)

- 6055 0015 PRB21 R. Panamericana:Port.w/tlk,under ORU (422,5/1;Zilmer-WI)
6065 0050 PRL8 R. Nacional de Brasilia:Port.w/sports, not // 15445 khz
(322,4/21;Zilmer-WI)
- 6085 2345 PRB5 R. Jornal do Comercio:Port.w/tlk (433,4/27;Zilmer-WI)
6135 0830 PRC21 R. TV Gaucha:Port.w/tlk,mx,ads, is locally produced pgm
w/audience clapping,etc. (443,4/21;Zilmer-WI)
- 6155 0055 ZYN29 R. Cultura da Bahia:Port.w/tlk,mx,(433,4/27;Zilmer-WI)
Is 10 kw per Bob Veltmeijer.
- 6185 0915 ZYR77 R. Bandeirantes:Port.w/tlk,mx (432,4/21;Zilmer-WI)
9545 0130 ZYZ43 R. Universo:Port.w/tlk,ID (433,4/28;Zilmer-WI)
9595 2345 ZYN29 R. Cultura da Bahia:Port.w/music,ID (343,4/29;Giannini-
IL)(422,0045,4/21;Zilmer-WI)
- 9675 1015 ZYT29 R. Diario da Manha:Port.w/nx,ID (343,4/29;Jones-MS)(423,
2255,4/30;Zilmer-WI)
- 9705 0920 ZYZ24 R. Maua:Port.w/tlk,music (444,4/21;Zilmer-WI)
11780 0002 PRL8 R. Nacional de Brasilia:Eng.w/lt. mx.,ID, info on trans-
mitters,request for reports (444,4/30;Earhart-PA)(444,2310,
4/23;Zilmer-WI)(444,2245,4/29;Giannini-IL)
- 11785 0130 ZYU61 R. Guaiba:Port.w/some Eng. records,pop mx (242,4/26;
Radtke-CA)
- 11805 0055 ZYZ36 R. Globo:Port.w/mx,jingles,tlk (422,4/22;Zilmer-WI)
11815 2357 ZYW23 R. Brasil Central:Port.w/ Crosby & Sinatra discs (333,
4/24;Miller-OH)(433,0025,4/21;Zilmer-WI)
- 11820 0040 PRL8 R. Nacional de Brasilia:Eng.w/music,anmts,test of new
250 kw xmtr (544,4/30;Smith-FL)(433,2130,4/18;Eagen-PA)
(544,2340,4/29,said xmsn is 1900-0100 daily;Mahoney-IN)
- 11865 0225 ZYB85 R. Clube de Pernambuco:Port.w/ID over mx from "Pink
Panther", tlks (433,4/19;Eagen-PA)
- 11925 0131 ZYR78 R. Bandeirantes:Port.w/pop mx,ID (343,5/6;Snyder-CA)
(444,2200,4/29;Giannini-IL)
- 11950 0255 PR3 R. Ministério da Educacao:Port.w/mx,tlk (322,5/5;Zilmer-WI)
15135 2330 PRB23 R. Record:Port.w/tlk,ID (433,5/6;Zilmer-WI)
15155 0352 ZYB9 R. Super Tupi:Port.w/pop & LA mx,ID as "Radio Super Tupi"
(443,5/1;Cleveland-CA)
- 15190 2345 PRK9 R. Inconfidência:Port.w/tlk,mx (333,5/8;Cleveland-CA)
15245 0003 PRL8 R. Nacional de Brasilia:Eng.w/test xmsn,cont. mx,ID,
announced as 11820 // 15385 but here none-the-less (433
4/29;Zilmer-WI)
- 15385 0025 PRL8 R. Nacional de Brasilia:Eng.w/test xmsn,plug for reception
reports (---4,4/17;Chapman-PA)(322,2030,4/21;Redman-IL)
- 15415 1630 ZYR216 R. Clube de Ribeirão Preto:Port.w/ID,music (354,4/29;
Giannini-IL)(353,0110,4/21;Earhart-PA)
- 15445 2340 PRL8 R. Nacional de Brasilia:Eng.w/tlk abt Brazil-Bulgaria
soccer match (333,4/17;Kratter-NY)(Mosman-IL)(Vecchiola-PA)
(Redman-IL)(Cleveland-CA)(Thibaudeau-QUEBEC)(Suddick-MI)
(Carrick-MD)(Earhart-PA)

CANADA

- 5960 0400 CBC Northern Svc:Eng./Fr.w/mx,nx,wx (333,5/11;Vockerth-PA)(
---4,0415,4/15;Schneider-CA)(323,0419,4/8;Meehan-CA)
- 6070 2208 CFRX, Toronto:Eng.w/"Let's Discuss It" pgm (333,5/5;Trzaskus-
IL)(4/15;Redman-IL)(343,0130,5/7;Radtke-CA)(4/19;Cleveland-
CA)(4/25;Meehan-CA)(5/2;Day-CA)
- 6085 0110 R. Canada Intl:Eng.w/tlk on Canadian politics (444,5/6;Yajko-
PA)(555,0054,5/7;Lovett-OH)(555,0100,4/22;Suddick-MI)
- 6130 2320 CHNX, Halifax:Eng.w/DJ pgm, pop mx (444,4/25;Carrick-MD)(254,
1925,5/5;Moore-PA)
- 9535 0015 R. Canada Intl.:Sp.w/OM tlks,ID (443,5/6;Snyder-CA)
9625 2040 CBC Northern Svc:Fr.w/vocals (333,5/6;Vockerth-PA)
9685 0715 R. Canada Intl.:Fr.w/mx,tlk by YL (454,4/17;Trubee-HI)
9755 0100 R. Canada Intl.:Eng.w/nx,letterbag and shortwave club pgms
(544,4/21;Beck-OH)(544,0103,4/26;Yajko-PA)
- 11720 1755 CBC Northern Svc.:Fr./Eng. w/Ray Stevens mx (444,5/2;Gaede-CA)
(444,1538,5/2;Cole-MI)
- 11990 2200 CBC Northern Svc.:Eng. w/nx,spts,is new frequency // 15092 &
17820 (544,5/4;Zilmer-WI) s/off @ 2230 this freq.
- 15092 1630 CBC Northern Svc.:Eng./Fr. w/nx,spts. Is new frequency for
Northern Svc. in use 1630-1700 (454,5/4;Zilmer-WI)
- 15190 0013 R. Canada Intl.:Eng.w/tlk on high prices,floods in Canada
(355,5/6;Lovett-OH)(322,0100,5/5;Zilmer-WI)

CHILE

- 6194 1045 CE619 R. Nacional de Chile:Eng.w/"The Voice of Chile" pgm
 nx,commentary (322,4/24;Zilmer-WI)
- 9750 0338 CE975 R. Minería:Sp.w/LA mx,ad for cerveza,persistent het
 (333,5/1;Cleveland-CA)
- 15150 0250 CE1515 R. Nacional de Chile:Eng.w/ "The Voice of Chile" pgm
 nx,IDs (323,5/7;Garrett-CA)(332,0050,5/1;Earhart-PA) Now
 blocked here by HCJB Spanish service.

COLOMBIA

- 4755 0615 HJKC Emisora Nuevo Mundo:Sp.w/Colombian vocals & CARACOL plugs
 (444,4/18;Redman-IL)(343,0415,4/16;Cleveland-CA)
- 4785 0145 HJLW Ecos del Combeima:Sp.w/LA mx, ID (444,4/19;Carrick-MD)
- 4845 0356 HJGF R. Bucaramanga:Sp.w/tlk,music, ID (333,4/16;Stine-MD)
 (222,0131,5/3;Jones-MS)(343,0350,4/18;Earhart-PA)
- 4865 0935 HJLZ LV del Cinaruco:Sp.w/Local anmts, ID, comls (433,4/21;
 Kolb-FL)(254,0425,4/21;Moore-PA)
- 4905 0618 HJAG Emisora Atlántico:Sp.w/LA mx, ID (433,4/19;Kolb-FL)
- 4915 0330 HJSG R. Guatapuri:Sp.w/lt. inst. mx,TC & ID between discs(332,
 4/18;Cleveland-CA)(333,0455,4/10;Earhart-PA)
- 4945 0340 HJHD R. Colosal:Sp.w/LA mx,several IDs (433,4/17;Carrick-MD)
 (4/15;Redman-IL)(4/18;Cleveland-CA)(4/19;Eagen-PA)
- 4955 0530 HJGQ R. Nacional:Sp.w/classical mx (343,4/10;Trubee-HI)(5/8;
 Redman-IL)(4/17;Stine-MD)(4/13;Earhart-PA)
- 4965 0500 HJAF R. Santa Fe:Sp.w/pgm "Buenos Aires Medianoche" w/tango mx.
 Is regular pgm this time. (454,4/29;Mahoney-IN)(4/18;
 Buehler-MO)(4/15;Redman-IL)(4/27;Schneider-CA)
- 5034v 0320 HJOT Brisas del Citara:Sp.w/Local mx,anmts,TCs, ID & s/off @
 0405 (253,5/5;Moore-PA)(333,0100,5/11;Whitehead-MA)
- 5035 0645 HJIC LV de Caquetá:Sp.w/LA mx,TC, ID (433,4/21;Day-CA)(332,0347,
 5/3;Cleveland-CA)(333,1115,4/28;Miller-OH)(353,0600,4/21;
 Earhart-PA)(444,0910,4/21;Kolb-FL) Be extremely cautious
 that you don't confuse these two stations. IDs very similar.
- 5075 0119 HJGC R. Sutatenza:Sp.w/news, ID (333,4/18;Buehler-MO)(444,0925,
 5/3;Redman-IL)
- 5095 0510 HJGG R. Sutatenza:Sp.w/ID,election returns (444,4/22;Day-CA)
 (4/18;Buehler-MO)(4/24;Cleveland-CA)(4/19;Stine-MD)
- 6065 0800 HJAX R. Super:SP.w/Colombian mx, Super Radio IDs (444,4/28;
 Redman-IL)(444,0515,4/28;Mahoney-IN)
- 6075 0900 HJID R. Sutatenza:Sp.w/"Buenos Días" pgm (444,4/15;Redman-IL)
- 6095 0408 HJLW LV del Centro:Sp.w/Local mx,Super Radio network IDs,TCs
 (244,5/5;Moore-PA)
- 6115 0450 HJIE LV del Llano:Sp.w/election returns,Super Radio network
 IDs,then local ID "LV del Llano, desde Villavicencio,
 emisora Super Radio Cadena Colombiana" (433,4/22;Sparks-
 CA)(332,0320,5/2;Day-CA)
- 6150 0340 HJ?? LV de Huila:Sp.w/mx,IDs,anmts (333,4/7;Trubee-HI)(4/14;
 Redman-IL)(4/24;Zilmer-WI)(5/5;Day-CA)(4/23;Jones-MS)
- 6160 1100 HJKJ Emisora Nueva Granada:Sp.w/RGN IDs,OM (423,4/21;Redman-IL)
- 6170 1100 HJBJ LV de la Selva:Sp.w/tlk mx (443,4/21;Zilmer-WI)(433,
 0935,5/3;Redman-IL)
- 9635 1025 HJZM R. Nacional:Sp.w/noticias (343,4/29;Jones-MS)

COSTA RICA

- 4832 0400 TIHB R. Capital:Sp.w/tlks,IDs,mx.THEY'RE BACK!!! (444,4/13;
 Miller-CA)(5/2;Jones-MS)(4/16;Stine-MD)(4/15;Redman-IL)
 (4/16;Cleveland-CA)(5/5;Earhart-PA)
- 6006 1145 TIHB R. Reloj:Sp.w/LA mx,IDs (-4,4/17;Schneider-CA)(444,0830,
 Jones-MS)(444,1030,4/15;Redman-IL)
- 6175 0420 TIFC Faro del Caribe:Eng.w/tlk on Gutenberg Bible-the first
 book printed with movable type (343,4/20;Earhart-PA)
- 9645 0435 TIFC Faro del Caribe:Eng.w/"Hobby of Kings" pgm (322,4/18;
 Meehan-CA)(433,0400,5/3;Kratzer-NY)
- 12012 0026 TIHB R. Reloj:Sp.w/LA mx,numerous anmts, is 2x harmonic of 6006
 (253,4/18;Vecchiola-PA)(454,0000,4/20;Griffith-MO)(344,1700,
 4/28;Giannini-IL)(--3 to --2,0545,4/15;Earhart-PA)

CUBA

- 11760 0345 R. Habana Cuba:Eng.w/nx (333,5/9;Vockeroth-PA)(443,0425,4/15;
 Cleveland-CA)(444,1722,5/2;Gaede-CA)(444,0330,5/6;Garrett-CA)

CUBA (cont.)

- 11930 0404 R. Habana Cuba:Eng.w/nx,cmntry,mx (444,4/18;Hickman-OR)(555,0230,5/1;Gaede-CA)(444,0057,4/15;Buehler-MO)(--4,0100,4/22;Famularo-NJ)
- 15140 2135 R. Habana Cuba:Eng.w/Voice of Vietnam pgm (444,4/20;Beck-OH)(252,2010,4/28;Radtke-CA)
- 15230 2330 R. Habana Cuba:Sp.w/pgm for LA (444,4/28;Gaede-CA)
- 17735 1830 R. Habana Cuba:Sp.w/"Tiempo" pgm (434,4/11;Rodriguez-PR)
- 17740 2120 R. Habana Cuba:Arabic w/tlk (454,4/9;Earhart-PA)
- 17885 1535 R. Habana Cuba:Sp.w/LA mx,OM & YL nx (433,5/8;Snyder-CA)

DOMINICAN REPUBLIC

- 4850 0200 HIRL R. Clarín:Sp.w/LA mx,ads for San Rafael, Monte Carlo, Brugal rum, several IDs,TCs (423,4/27;Redman-IL)(333,0230,4/24;Sparks-CA)(443,0011,5/1;Miller-OH)(453,0950,4/28;Zilmer-WI)(254,0200,4/28;Moore-PA)(343,0807,4/21;Snyder-CA)(444,0954,5/1;Jones-MS)(544,0500,4/27;Mahoney-IN)
- 4882 0411 HIJP R. Comercial:Sp.w/LA mx,IDs (444,4/21;Rodriguez-PR)(454,0501,4/10;Earhart-PA)(444,0700,4/17;Redman-IL)
- 4930 1010 HIBE R. Mil:Sp.w/nx by two OM (444,4/27;Redman-IL)
- 5030 2245 HIBB LV del Papagayo:Sp.w/mx,several IDs (343,4/22;Carrick-MD) You sure of that ID OM?? This not often reported.
- 5967 0040 HISD R. Televisión Dominicana:Sp.w/mx,IDs (444,4/19;Stine-MD)(344,1725,4/15;Rodriguez-PR)(444,0400,4/18;Carrick-MD)
- 9505 0130 HISD R. Televisión Dominicana:Eng.w/nx (333,4/23;Suddick-MI)(333,0016,5/6;Snyder-CA)(433,0155,5/5;Carrick-MD)

ECUADOR

- 3378 0435 HCRY4 R. Iris:Sp.w/lively LA mx,ID (322,4/18;Cleveland-CA)
- 3390 1028 HCOT1 R. Zaracay:Sp.w/andean mx (443,4/27;Zilmer-WI)(433,0420,4/18;Cleveland-CA)(353,0314,4/10;Earhart-PA)
- 4679 0545 HCWE1 R. Nac. Espejo:Sp.w/"La Musica Nacional" pgm (444,4/18;Redman-IL)(343,0405,4/16;Cleveland-CA)(353,0335,4/24;Earhart-PA)
- 4765 0515 HCAJ2 C.R.E.:Sp.w/Baseball game,IDs (444,4/19;Redman-IL)
- 4790 0400 HCVP2 R. Atalaya:Sp.w/LA mx,few anmts,IDs (442,4/26;Cleveland-CA)
- 4800 0520 HCMB5 R. Popular Independiente:Sp.w/Anedan mx (423,4/18;Redman-IL)
- 4820 0925 HCRT6 R. Paz y Bien:Sp.w/ID as "Emisora Andina, R. Paz y Bien" Andean mx,sermon (254,5/11;Moore-PA).45 so they claim.
- 4825 1030 HCAV3 R. Luz y Vida:Sp.w/Andean mx,tlks by YL (433,5/3;Redman-IL)(253,0420,5/12;Moore-PA)
- 4923 0410 HCRQ1 R. Quito:Sp.w/US pop mx,off @ 0430 (444,4/24;Redman-IL)
- 5020 0223 HCVC3 R. Centinela del Sur:Sp.w/LA mx,ID @ 0229,some Andean mx (333,5/8;Jones-MS)(343,0335,5/3;Cleveland-CA)
- 5060 0305 HCEH3 R. Nac. Progreso:Sp.w/Andean mx,ID @ 0309 (232,5/3;Cleveland-CA)(152,0145,5/8;Moore-PA)
- 5990 0532 HCJV LV de los Andes:Swedish w/tlk (433,5/4;Earhart-PA)
- 6085 0825 HCJB LV de los Andes:Eng.w/rel. pgm (433,5/6;Earhart-PA)
- 6130 0836 HCJB LV de los Andes:Eng.w/rel. pgm (443,4/23;Jones-MS)
- 9560 0100 HCJB LV de los Andes:Eng.w/nx (444,4/26;Yajko-PA)(555,0345,4/29;Gaede-CA)(353,0030,4/19;Radtke-CA)(555,0230,4/21;Beck-OH)
- 9710 0748 HCJB LV de los Andes:Eng.w/rel. pgm // 9745 (333,5/2;Gaede-CA)
- 9715 1135 HCJB LV de los Andes:Eng.w/"Hello DXers" w/ Roger Stubbe // 11740 (444,5/3;Zilmer-WI) IS NEW DX pgm in morning.
- 9745 0745 HCJB LV de los Andes:Eng.w/rel. pgm (333,5/2;Gaede-CA)
- 11740 1205 HCJB LV de los Andes:Eng.w/"Hello DXers" (444,5/5;Zilmer-WI)
- 11745 0602 HCJB LV de los Andes:Eng.w/upbeat mx, // 11915 (252,4/18;Hickman-OR)(353,0335,4/8;Earhart-PA)
- 11855 0545 HCJB LV de los Andes:Swedish w/tlk (454,5/5;Earhart-PA)(242,0555,5/7, into German @ 0600;Hickman-OR)
- 11915 0030 HCJB LV de los Andes:Eng.w/"DX Party Line" (544,5/9;Lovett-OH)(5/1;Gaede-CA)(5/9;Vockeroth-PA)(4/15;Buehler-MO)(4/26;Hickman-OR)(4/12;Rodriguez-PR)(4/14;Yajko-PA)
- 15115 0115 HCJB LV de los Andes:Eng.w/"Passport" (555,4/18;Smith-FL)
- 15150 1300 HCJB LV de los Andes:Sp.w/tlk,mx. (443,5/3;Zilmer-WI)

1.505 Kc.

SOMOS UNICOS EN LOJA CON DOS FRECUENCIAS

5.020 Kc.

RADIO "CENTINELA DEL SUR"

Olmedo N° 11-56

Teléfonos 211 y 1166

Casilla N° 196

LOJA-ECUADOR

EL SALVADOR

5980 1118 YSS R. Nacional:Sp.w/s/on into marimba mx (333,5/3;Redman-IL)
(433,0430,4/19;Cleveland-CA) (333,0045,4/22;Earhart-PA)

GUATEMALA

3300 0315 TGNC R. Cultural:Eng.w/rel. pgm, ID (433,5/4;Oliver-NH) (444,
1100,4/27;Redman-IL) (332,0345,4/16;
Cleveland-CA) (333,0400,4/12;Miller-CA)
(333,0415,4/17;Carrick-MD)

3360 0423 TGVN LV de Nahuala:Sp.w/LA mx,0435 s/off
(322,5/9;Cleveland-CA)

GUYANA

3290 0331 GBS Action Radio:Eng.w/pop mx, bad het.
(332,4/14;Earhart-PA)

HAITI

6120 2015 4VE R. Station 4VEH:Sp.w/rel pgm. 1 kw
pwr (323,4/20;Rodriguez-PR)

6155 1008 4VWA R. Citadelle:Fr.w/tlk, some mx,3 positive IDs @ 1010 (322
5/7;Jones-MS) (242,1220,5/4;Miller-OH) Nice work fellows!!!

9770 1130 4VEH R. Station 4VEH:Eng.w/ID,nx,wx (333,4/23;Jones-MS)

11835 1145 4VEJ R. Station 4VEH:Eng.w/rel. pgm (434,4/12;Cole-MI) (5/8;
Cleveland-CA) (5/2;Chapman-PA) (4/17;Carrick-MD) (4/18;Stine-
MD) (4/25;Suddick-MI)

HONDURAS

4820 0015 HRVC LV Evangelica:Sp.w/rel.pgm (444,4/16;Carrick-MD) (333,0313,
4/17,w/Eng.;Cleveland-CA) (4/21;Redman-IL) (5/8;Cole-MI)

4920 0342 HRPL3 R. Progreso:Sp.w/R & R mx, HJSG QRM (333,4/18;Cleveland-
CA) (444,0430,4/24;Redman-IL)

5875 0225 HRN LV de Honduras:Sp.w/OM tlk (333,5/2;Day-CA) (444,0225,4/22;
w/ "Informacion Centroamericana" pgm;Redman-IL)

MEXICO

6105 0438 XEQM La Pantera Juvenil:Sp.w/pop mx,mentions of Yucatán (233,
5/5;Moore-PA)

9705 1350 XERMx R. Mexico:Sp.w/lovely Mexican mx (343,4/28;Miller-OH)

11770 0130 XERMx R. Mexico:Sp.w/musical .pgm (454,5/8;Radtke-CA) (343,1429,
4/18;Hickman-OR)

15125 0212 XERMx R. Mexico:Sp.w/mx,correspondence pgm (333,4/21;Rodriguez-
PR) (5/4;Snyder-CA) (4/23;Cleveland-CA) (4/22;Redman-IL)

NETHERLANDS ANTILLES

6165 0243 R. Nederland, Bonaire Relay:Eng.w/"Happy Station" (544,5/6;
Trzaskus-IL) (5/8;Redman-IL) (5/6;Lovett-OH) (4/20;Earhart-PA)

9760 0445 Trans World Radio:Eng.w/rel. pgm, ID (323,4/9;Trubee-HI) (333
0345,4/3;Meehan-CA)

11730 0710 R. Nederland, Bonaire Relay:Eng.w/mx (343,4/26;Hickman-OR)

11815 0045 Trans World Radio:Eng.w/"DX Special" (444,3/27;Sridhar-INDIA)
(454,0030,4/26;Radtke-CA) (343,0045,4/18;Hickman-OR)

PARAGUAY

6025 2328 ZPA1 R. Nacional:Sp.w/ID,nx,LA pop mx. Smothered @ 2354 by
Portugal (343,4/30;Miller-OH) Excelente!!!

PERU

4790 0340 OAX8F R. Atlantida:Sp.w/end spts event coverage, ID, Andean mx
(253,5/4;Moore-PA) (444,0555,4/30;Redman-IL)

4815 0500 OAX8E R. Samarón:Sp.w/non-stop Andean mx (152,5/12;Moore-PA)

4825 1040 OAX8R LV de la Selva:Sp.w/local style mx,tlk (443,4/27;Zilmer-

4915 0815 OAX2H R. La Hora:Sp.w/LA mx,comls, ID (332,4/20;Kolb-FL) WI

4996 0140 OAX4C R. Andina:Sp.w/tlk,mx, QRN de YVMQ (333,4/18;Carrick-MD)
(333,0337,4/12;Cleveland-CA) (333,0555,4/19;Kolb-FL) (333,0140,
4/19;Stine-MD)

5010 0420 OAX8V R. Eco:Sp.w/LA mx,some IDs (433,4/19;Carrick-MD) (443,
0419,4/19;Stine-MD)

5025 0235 OAX7Q R. Quillabamba:Sp.w/R & R mx, IDs (333,4/24;Cleveland-CA)

5040 0600 OAX2K R. Libertad:Sp.w/Andean mx (343,4/10;Trubee-HI) (332,0315,
5/3;Cleveland-CA)

5970 1045 OAX4Q R. El Sol:Sp.w/local Peruvian mx,tlk (443,5/4;Zilmer-WI)
(333,0338,5/2;Cleveland-CA)



PERU (cont.)

9562 2100 OAX4R R. Nacional:Sp.w/nx (333,4/29;Giannini-IL)(433,1100,5/4;Zilmer-WI)

TURKS & CAICOS

4788 2250 VSI8 R. Turks & Caicos:Eng.w/pop & C+W hits,few anmts (252,4/13;Vecchiola-PA)

URUGUAY

11835 0217 CKA19 R. El Espectador:Sp.w/vocals,anmts,ads (332,4/24;Earhart-PA)

VENEZUELA

LA VOZ DE EL TIGRE

C.A.

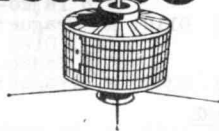
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Tel. 24-00 - 24-01

- 3245 0301 YVKT R. Libertador:Sp.w/Lt mx, ID (254,5/8;Moore-PA) (333,0320,4/16;Cleveland-CA)
- 3255 0245 YVQL LV de El Tigre:Sp.w/pop mx,anmts (253,5/8;Moore-PA)
- 3295 1000 YVOG R. Trujillo:Sp.w/ID,tlk,mx (443,4/27;Zilmer-WI)
- 3325 0335 YVRA R. Monagas:Sp.w/LA mx,TC, ID (333,4/16;Cleveland-CA)
- 3395 1025 YVOJ R. Universidad:Sp.w/comls,comls,roosters,crowing, ID,nx (323,4/26;Jones-MS) A wake-up program no doubt. (253,0115,5/13;Moore-PA) (343,0332,4/10;Earhart-PA)
- 4770 1015 YVNW R. Bolivar:Sp.w/arpa mx,ads, IDs (444,4/21;Redman-IL)(253,0140,5/11;Moore-PA) (333,0304,4/17;Cleveland-CA)
- 4800 0007 YVMO R. Lara:Sp.w/LA mx, ID (433,4/14;Rodriguez-PR)(253,1000,4/28;Moore-PA) (433,1000,4/21;Redman-IL)
- 4810 0200 YVMG R. Popular:Sp.w/LA vocals, ID (433,4/21;Redman-IL)
- 4830 0250 YVOA R. Tachira:Sp.w/spts evnt coverage (233,5/8;Cole-MI)
- 4840 0135 YVOI R. Valera:Sp.w/inst. mx, ID (333,4/20;Kolb-FL)
- 4880 0203 YVMS R. Universo:Sp.w/LA mx, ID (322,5/10;Jones-MS)
- 4890 2330 YVKE R. Dif. Venezuela:Sp.w/rock mx,anmts, IDs (444,4/15;Redman-IL)
- 4900 0120 YVMK R. Juventud:Sp.w/tlks,US & LA pops (312,4/17;Eagen-PA) (444,0310,4/18;Cleveland-CA) (444,2335,4/15;Redman-IL) (444,4/17;Carrick-MD) (444,0308,4/19;Stine-ID)
- 4910 0153 YVNI R. Carora:Sp.w/Lt. mx, ID (333,4/17;Kolb-FL)(253,0115,5/8;Moore-PA)
- 4940 0124 YVPA R. Yaracuy:Sp.w/US & LA pop mx,TC + ID between each disc (233,4/19;Lovett-OH) (544,0330,4/17;Carrick-MD) (443,0320,4/17;Cleveland-CA) (444,1030,4/21;Redman-IL) (444,0219,4/17;Stine-ID)
- 4950 0315 YVNI R. Coro:Sp.w/Lt. mx,ads (322,4/30;Mahoney-IN)(332, MD) 0235,4/19;Cleveland-CA) (433,0200,4/17;Kolb-FL)
- 4970 0149 YVLK R. Rumbos:Sp.w/LA pop mx, ID (433,4/18;Buehler-ID) (433,1000,4/27;Redman-IL) (444,0130,4/18;Carrick-MA) (544,1735,4/15;Rodriguez-PR)
- 4980 0100 YVOC Ecos del Torbes:Sp.w/LA mx, ads (444,4/21;Redman-IL) (434,0130,4/17;Eagen-PA) (333,0015,5/1;Lovett-OH)
- 4990 0125 YVMQ R. Barquisimeto:Sp.w/ID,US pop mx (333,4/18;Buehler-ID) (433,0005,4/17;Redman-IL) (232,1100,5/3;Jones-MS) (444,0014,4/14;Rodriguez-PR)
- 5030 0405 YVMK R. Reloj Continente:Sp.w/TCs, IDs, "Romantica Continente" pgm (444,4/18;Cleveland-CA) (433,0905,5/3;Redman-IL)
- 5050 0955 YVKD R. Mundial:Sp.w/LA mx,TCs, IDs (333,5/3;Redman-IL)
- 6019 1000 YVWK R. Anzoategui:Sp.w/ID, IS, talk, mx (443,4/21;Zilmer-WI)
- 6070 1030 YVSR R. San Sebastian:Sp.w/ID,ads,mx,tlk (433,5/4;Zilmer-WI)
- 6160 0930 YVWO R. Canaima:Sp.w/mx,ads (444,5/8;Redman-IL)(4/21;Zilmer-WI)
- 6170 2215 YVKO R. Nacional:Sp./Eng. w/Eng. lessons (432,4/23;Zilmer-WI)
- 9510 1125 YVKJ R. Barquisimeto:Sp.w/nxest by two OH (444,4/27;Redman-IL)
- 9660 1115 YVLM R. Rumbos:Sp.w/"Note Rumbos Informe" (333,4/17;Redman-IL)
- 9680 1322 YVQP R. Puerto La Cruz:Sp.w/histroy pgm (434,4/21;Rodriguez-PR)

radio maracaibo



PERTENECIENTE AL CIRCUITO NACIONAL RUMBOS

WINDWARD ISLANDS

5015 2354 R. Grenada:Eng.w/Economic discussion by two men (333,4/30;Miller-OH) (433,2250,4/22;Carrick-MD)

SWBC DX - EUROPE/AFRICA



Deadline: 15th
Times & Dates: GMT
Frequencies: kHz

Robert Butterfield
P.O. Box 398
Belmont, Massachusetts
02178
U.S.A.

Please try to get all reports in by deadline.

-Europe-

ALBANIA

- 6200 0153 R. Tirana: Eng tlk (443 4/15 Buehler-MO);(555 0330 4/20 Suddick-WI)
7065 0000 R. Tirana: Eng nx (443 4/22 Zilmer-WI);(--4 0008 4/17 Chapman-PA);(323 0028 4/26 Yajko-PA);(333 0635 4/10 Earhart-PA)
7300 0346 R. Tirana: Eng w/ nx, comtry (332 4/17 Cleveland-GA);(343 0432 4/9 Meehan-GA)
9775 0020 R. Tirana: Eng tlk (433 5/12 Pierce-MA);(544 0025 4/26 Carrick-MD)

AUSTRIA

- 6155 0330 Osterreichischer Rundfunk: Eng tlk (322 4/26 Vogel-PA)
9770 0139 ORF: Eng tlk (544 5/8 Stine-MD);(422 0345 5/11 Carrick-MD)

BELGIUM

- 9855 2255 Radiodiffusion Television Belge: Eng tlk (443 5/9 Zilmer-WI);(435 2305 5/13 Pierce-MA);(354 2305 5/7 Moore-PA)
11855 2255 RTB: Eng w/ "Belgium Speaking" (433 5/9 Zilmer-WI) // 9655 replacing 11810 & 6055 respectively. rfb.

BULGARIA

- 6070 1945 R. Sofia: Eng tlks & comtry (322 4/27 Carrick-MD)
9700 0000 R. Sofia: Eng nx, comtry (322 4/22 Suddick-MD);(433 4/10 Davidonis-MA);(333 0400 4/15 Snyder-CA);(333 5/11 Vockeroth-PA);(242 5/4 Radtke-CA);(434 5/8 Bodell-OR);(443 0405 5/2 Cleveland-GA);(322 0406 4/14 Meehan-CA);(333 0420 5/1 Nebron-CA);(444 2155 4/25 Lovett-OH)
17825 1905 R. Sofia: Eng tlk (343 4/17 Vogel-PA)

CZECHOSLOVAKIA

- 5930 0145 R. Prague: Eng prgr (222 4/22 Davidonis-MA);(333 0330 4/16 Day-CA);(343 0340 4/16 Nebron-CA)
7345 0100 R. Prague: Eng w/ nx, comtry (--4 5/1 Famularo-NJ);(433 0105 5/6 Yajko-PA);(343 0300 4/14 Meehan-CA);(343 5/1 Cleveland-GA)
9740 0110 R. Prague: Eng w/ "Topics of the Day" (454 5/3 Chapman-PA);(433 0120 4/15 Buehler-MO);(433 0355 5/1k Carrick-MD);(433 0115 5/7 Yajko-PA)
11990 0300 R. Prague: Eng tlk (454 5/13 Ellsworth-CA)

DENMARK

- 15165 1358 R. Denmark: Eng ID into Danish prgr 1400 (433 4/19 Stine-MD);(344 4/19 Carrick-MD)

FINLAND

- 9585 0300 R. Finland: Eng "letterbox" (443 4/15 Snyder-CA);(333 0300 4/15 Day-CA)
15185 1400 R. Finland: Eng nx (353 4/10 Chapman-PA);(333 2325 5/13 Pierce-MA)

FRANCE

- 7135 0520 Office de Radiodiffusion Television Francaise: Eng Afro Svc, mailbag (332 5/9 Snyder-CA)
11735 0515 ORTF: Eng w/ "Paris Calling Africa" prgr (444 5/6 Bodell-OR);(252 0532 4/26 Hackman-OR) Eng 0515-0545, // 11710, 9675
21580 1032 ORTF: Eng nx (544 4/12 Chaffin-CALEROCH)

GET YOUR REPORTING FORMS FROM SPEEDX HQS!

GERMANY, EAST

7260 2157 Radio Berlin International: Eng tlk (334 5/7 Larkin-ENGLAND)
 9730 0100 RBI: Eng nx (433 5/8 Butler-VA);(455 0105 5/8 Stine-MD);
 (433 0128 4/16 Yajko-PA);(333 0136 4/15 Buehler-MO);(434
 0314 5/7 Bodell-OR);(323 0415 4/19 Miller-CA)
 11785 0445 RBI: Eng commtry (444 5/2 Bodell-OR)
 11840 0331 RBI: Eng commtry, prgr audible only after R. Portugal s/off
 0330 (444 5/2 Bodell-OR) // 9560 11970
 15170 1837 RBI: Eng tlk to Afr (222 4/17 Vogel-PA)

GERMANY, WEST

3980 0420 VOA, Munich: Eng w/ mx, nx (333 4/14 Earhart-PA)
 6040 0130 Deutsche Welle: Eng nx (555 4/19 Suddick-MI);(444 4/26 Beck-
 OH);(454 0227 4/28 Vogel-PA)
 6075 0130 DW: Eng nx, commtry (-4 4/24 Famularo-NJ);(333 0430 4/10
 Miller-CA);(433 0250 5/1 Eckman-NB)
 9605 0430 DW: Eng nx, commtry, mx (-4 5/5 Schneider-CA);(555 0435
 5/8 Wilson-CA);(353 5/2 0105 Chapman-PA)
 9765 2122 DW: Eng prgr to Australia (233 4/17 Smith-TN)
 21540 1000 DW: Eng prgr (444 4/13 Chaffin-CAMEROON)
 21600 1215 DW: Eng w/ "Midday Magazine" (544 4/12 Chaffin-CAMEROON);
 (434 1222 4/22 Crawford-SCOTLAND)

GREAT BRITAIN

5975 0016 BBC: Eng "Radio Nesreel" (444 4/26 Yajko-PA)
 6160 0502 VOA, Wofferton: Eng w/ mx (232 4/18 Bodell-OR)
 7200 0540 VOA: Eng "Breakfast Show" (232 4/13 Snyder-CA)
 7325 0200 BBC: Eng nx, commtry (444 5/7 Cole-MI)
 9580 2150 BBC: Eng commtry (454 4/23 Earhart-PA)
 9750 0530 BBC: Eng tlk (-3 5/5 Schneider-CA)
 11750 0610 BBC: Eng w/ press review, ID, "Radio Newsreel" (343 4/26
 Hickman-OR)
 15070 1659 BBC: Eng w/ ID, nx (242 4/15 Lovett-OH)

BBCGREECE

9695 0205 VOA, Kavala: Eng nx (222 5/12 Pierce-MA)
 11960 1630 VOA: U/lang w/ IS, ID, nx (322 5/4 Miller-OH)

HOLLAND

6165 0507 R. Nederland: Eng w/ Scott Joplin Ragtime mx (555 4/29 Gaede-
 CA)
 9715 0610 R. Nederland: Eng w/ mx prgr, s/off 0620 (555 4/29 Gaede-CA)
 11730 0200 R. Nederland: Eng w/ DX Jukebox (555 5/3 Cole-MI);(555 4/16
 Suddick-MI)

HUNGARY

6020 2253 R. Budapest: Eng DX prgr (222 4/18 Rodriguez-PR)
 6135 0245 R. Budapest: Eng DX prgr (444 5/4 Carrick-MD)
 9833 0100 R. Budapest: Eng nx (333 4/24 Suddick-MI);(454 4/17 Vogel-PA);
 (3222 0115 4/11 Davidonis-MA);(444 0116 4/17 Miller-CA);
 (332 0435 4/15 Meehan-CA);(444 0300 5/6 Wilson-CA)

ITALY

6075 0425 Radiotelevisione Italiana: Eng nx, mx (344 4/17 Earhart-PA)
 7275 0535 RAI: Eng nx (433 4/27 Carrick-MD)
 9575 0100 RAI: Eng nx (232 5/8 Radtke-CA);(242 5/6 Snyder-CA);(454 0102
 4/27 Vogel-PA)
 11810 0100 RAI: Eng nx, lt mx (332 4/18 Day-CA);(343 4/13 Earhart-PA);
 (333 0109 4/15 Buehler-MO);(343 4/18 Hickman-OR)
 11905 2200 RAI: Eng nx, mx (433 5/3 Zilmer-WI)

INTERNATIONAL WATERS

6210v 0110 R. Nordsee International: Eng nx, rock mx, ID as "Sound of the
 World" (454 4/18 Smith-TN);(433 0310 4/21 Carrick-MD) Measured
 at 6208 here. rfb.

LUXEMBOURG

6090 0040 R. Luxembourg: Eng w/ pop mx (333 5/7 Lovett-OH)

MONACO

7105 0621 Trans World Radio: Eng w/ mx prgr, tlk (333 4/10 Earhart-PA)

NORWAY

6180 0230 R. Norway: Eng tlk (344 4/15 Cole-MI)
 9590 1400 R. Norway: Eng mx (444 5/5 Larkin-ENGLAND)
 11850 1410 R. Norway: Eng tlk (333 4/28 Carrick-MD)
 15175 0030 R. Norway: Eng w/ s/off (222 5/11 Carrick-MD);(323 1501 5/7
 Jones-MS);(343 1600 4/14 Radtke-CA);(332 1600 5/5 Zilmer-WI);

POLAND

6135 0159 Polish R.: Eng mx, tlk (333 4/19 Stine-MD)1(333 0300 4/17 Carrick-MD);(545 0400 4/15 Rodriguez-PR)
 9675 0321 Polish R.: Eng w/ folk mx (232 4/30 Snyder-CA)
 11815 0206 Polish R.: Eng ID, tlk, unusable by 0215 (231 4/17 Day-CA)

PORTUGAL

6025 0200 R. Portugal: Eng mx, nx (343 4/23 Radtke-CA);(554 0205 4/22 Suddick-MI);(333 0215 4/23 Kratter-NY);(433 0230 4/19 Rodriguez-PR);(333 0412 4/16 Meehan-CA)
 7115t 0650 R. Free Europe, Lisbon: Hungarian? w/ tlk (454 4/10 Earhart-PA)
 9670 2100 IBRA: Eng rel prgr, Swedish prgr @ 2115 (433 4/21 Carrick-MD); (433 Eng ID 2200 4/30 Zilmer-WI)
 11935 0238 R. Portugal: Eng tlk, mx, ID (422 5/7 Cleveland-CA);(443 0400 5/13 Ellsworth-CA);(333 0400 5/9 Vockeroth-PA)
 21495 1345 R. Portugal: Eng w/ ID, nx, special report on new Junta (354 354 4/27 DuRant-THAILAND)

ROMANIA

6155 1930 R. Bucharest: Eng nx, commtry (211 4/23 Crawford-SCOTLAND)
 9570 0325 R. Bucharest: Eng tlk, mx (433 5/12 Pierce-MA);(433 0430 4/15 Snyder-CA);(554 0430 4/17 Carrick-MD)
 11940 0210 R. Bucharest: Eng tlks (433 4/17 Carrick-MD);(232 0429 5/7 Snyder-CA);(222 1310 4/16 Pierce-MA)
 15250 1300 R. Bucharest: Eng ID, nx, commtry (333 4/20 Oliver-NH)

SPAIN

6065 0100 R. Nacional de Espana: Eng nx, mx (--4 4/28 Famularo-NJ);(555 4/19 Suddick-MI);(232 4/17 Radtke-CA);(232 0102 4/21 Day-CA); (434 0108 4/26 Yajko-PA);(444 0115 4/19 Stine-MD);(434 0120 4/11 Rodriguez-PR);(544 0144* 5/11 Vecchiola-PA);(455 0215 4/26 Vogel-PA);(444 0220 4/17 Carrick-MD);(322 0302 4/26 Meehan-CA) Wheewwl
 11925 0100 RNE: Eng w/ s/on, mx(333 4/15 Buehler-MO);(444 0300 5/7 Cleveland-CA)

SWEDEN

6000 0030 R. Sweden: Eng s/on w/ cl mx (444 4/16 Carrick-MD)
 11710 1415 R. Sweden: Eng commtry (333 5/1 Cole-MI)
 11805 0130 R. Sweden: Eng nx (443 5/7 Zilmer-WI)
 11955 0230 R. Sweden: Eng nx, SCDX'ers (422 5/8 Zilmer-WI);(444 0230 5/8 Bodell-OR)

SWITZERLAND

5980 0145 SBC: Eng w/ SW Merry-go-round (322 4/13 Miller-CA);(322 0430 4/16 Meehan-CA)
 6120 0144 SBC: Eng nx, tlk (333 5/4 Trzaskus-IL);(454 0200 4/26 Vogel-PA)
 6165 2100 SBC: Eng s/on into nx (443 4/19 Stine-MD);(443 2100 4/19 Carrick-MD)
 9535 0145 SBC: Eng tlk (332 4/29 Day-CA);(555 0145 4/16 Suddick-MI); (434 0150 5/7 Beck-OH);(444 2110 4/30 Carrick-MD)
 9750 0430 SBC: Eng tlk, mx, mx (242 5/4 Radtke-CA)
 11715 0145 SBC: Eng nx (244 4/16 Moore-PA);(444 0440 5/13 Ellsworth-CA); (444 0440 5/6 Bodell-OR)
 11870 1530 SBC: Eng w/ tlks (242 4/13 Radtke-CA)
 17830 1320 SBC: Eng w/ SW Merry-go-round (444 4/27 DuRant-THAILAND)
 21520 0145 SBC: Eng w/ "Drop In" // 17830 (454 5/4 DuRant-THAILAND)

USSR, EUROPEAN

7130a 0030 R. Kiev: Eng w/ mailbox (4333 4/21 Vogel-PA)
 9600 1215 R. Tashkent: Eng commtry (343 4/16 Cole-MI)
 11860 0300 R. Kiev: Eng mailbag (443 4/21 Day-CA)
 15140 1543 R. Station Peace and Progress: Eng tlks (153 4/15 Moore-PA); (434 4/12 Chapman-PA)
 15455 0045 R. Kiev: Eng mx, intvws (253 5/10 Vecchiola-PA)

VATICAN STATE

5995 0100 R. Vaticana: Eng ID, tlk (555 4/19 Stine-MD);(554 4/18 Carrick-MD)
 9605 0100 R. Vaticana: Eng rel prgr (434 4/25 Beck-OH)
 11845 0057 R. Vaticana: Eng tlk (444 5/11 Mullen-MT);(353 5/2 Radtke-CA); (333 0112 4/15 Buehler-MO) // 9605 5995

-Africa-

ALGERIA

11810 2010 Radiodiffusion-Television Algerienne: Ar w/ chants, mx (323 5/2 Gaede-CA)
 17790 1300 RTVA: Fr w/ nx, cl mx, tlks (454 4/12 Thibaudeau-QUEBEC); (444 4/27 1945 Carrick-MD);(353 2040 in Ar 4/14 Earhart-PA)

ANGOLA

5033 0510 R. Clube de Cabinda: Port w/ mx (322 4/30 McClain-CA) More details please! Any ID? rfb.
 9535 1900 Emissora Oficial: Port w/ nx, country (433 4/16 Crawford-SCOTLAND)

ASCENSION ISLAND

9510 0039 BBC, Atlantic Relay: Eng ancmts (433 5/9 Butler-VA)
 15105 1645 BBC: Eng s/on, nx (333 5/3 Gaede-CA)
 15400 1835 BBC: Eng quiz progr (444 4/21 Carrick-MD)
 17840 1425 BBC: Eng w/ "Listener's Choice", comedy progr (323 4/28 Trzaskus-IL);(332 1531 5/8 Snyder-CA)

BOTSWANA

4845 0655 R. Botswana: Setswana w/ native mx (433 4/20 Kolb-FL)

CAMEROON

6005 0847 R. Buea: Fr w/ mx progr (555 4/12 Chaffin-CAMEROON) Thought I'd let everyone know how well Dave receives 'em over there. rfb.

CANARY ISLANDS

11800 0208 Radio Nacional de Espana, Tenerife: Sp w/ nx, mx (343 4/23 Buehler-MO);(333 0250 5/2 Bodell-OR);(443 0255 4/24 Cleveland-CA);(332 0255 5/7 Snyder-CA);(332 0404 5/8 Dawson-CA);(444 1955 4/19 Carrick-MD)
 15365 0031 RNE: Sp w/ nx bulletin (344 0031 4/12 Rodriguez-PR);(343 0250 5/8 Dawson-CA)

CENTRAL AFRICAN REPUBLIC

5038 2205 Radiodiffusion Nationale Centrafricaine: Fr w/ tlks, mostly mx, s/off @ 2300 (444 4/20 Carrick-MD)

CHAD

4904.5 2115 Radiodiffusion Nationale Tchadienne: Fr tlk, mx (544 4/15 Chaffin-CAMEROON);(334 2200 4/27 Thibaudeau-QUEBEC);(433 2215 4/28 Oliver-NH);(444 2245 4/27 Carrick-MD);(254 2320 5/7 Moore-PA)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0432 Radiodiffusion Television Congolaise: Fr/vern w/ native mx (433 5/7 Cleveland-CA);(342 0446 5/5 Miller-OH);(343 2??? 5/11 Whitehead-MA)
 6115 2300 RTVC: Fr afro mx (244 5/6 Moore-PA)
 15190 1615 RTVC: Fr w/ lt mx, YL singing and "dancing her way into my heart" (242 5/8 Snyder-CA) I could sure say somrthing here Doug, but I'm not! hi! rfb. (444 1927 4/18 Stine-MD)

EGYPT, ARAB REPUBLIC OF

9475 0200 R. Cairo: Eng w/ mx, nx, country, stamp club (444 4/20 Miller-CA);(555 4/18 Suddick-MI);(544 4/17 Carrick-MD);(544 0245 4/13 Earhart-PA);(222 0245 4/21 Nebron-BA);(555 0300 4/10 Smith-FL);(545 0311 5/4 Beck-OH);(343 0315 4/30 Cleveland-CA)
 9805 2145 R. Cairo: Eng w/ mx, tlk, to Europe (454 4/30 Earhart-PA)
 17655 1810 R. Cairo: Eng w/ Arabic by Radio to Africa (343 4/17 Vogel-PA)

ETHIOPIA

11800 0445 ETLEF: Eng ID into Fr progr, s/on (232 4/18 Hickman-OR)
 11955 1340 ETLEF: Eng w/ nx headlines (253 4/11 Smith-TN)
 11960 1930 ETLEF: Eng rel progr (444 4/13 Suddick-MI)

EQUATORIAL GUINEA

6250 0505 R. Santa Isabel: Sp w/ mx (232 5/7 Bodell-OR);(544 1210 4/18 Chaffin-CAMEROON)

GABON

4777 0444 Radiodiffusion Television Gabonaise: Fr w/ native mx, ID @ 0500, nx (331 5/9 Cleveland-CA);(444 2315 4/16 Carrick-MD)

GHANA

- 3350 0602 Ghana Broadcasting Corporation: Eng w/ ID, nx (322 4/13 Earhart-PA)
 4915 0613 GBC: Eng nx, ID, nx (333 4/19 Kolb-FL);(211 2200 4/23 Miller-CA);(354 2245 5/3 Stine-ND);(254 2250 4/13 Moore-PA)
 4980 2250 GBC: Eng w/ nx, nx // 4915 3366 (433 4/22 Carrick-MD);(343 0625 4/13 Earhart-PA)
 9545 2100 GBC: Eng tlks (343 4/17 Smith-TN);(444 2129 4/23 Earhart-PA)

GUINEA, REPUBLIC

- 11965 2335 Radiodiffusion Nationale: Fr w/ afro mx (222 4/16 Bodell-OR)

IVORY COAST

- 11920 1930 Radiodiffusion Television Ivoirienne: Eng w/ nx, afro nx (444 4/22 Suddick-MI);(544 2200 in Fr 4/15 Carrick-MD);(444 0000* 4/16 Bodell-OR)

LIBERIA

- 4770 2300 ELWA: Eng nx (433 4/16 Carrick-MD)
 6035 0758 VOA, Monrovia: Eng country into s/off @ 0800 (343 4/12 Jones-MS);(444 0800 4/15 Chaffin-CAMEROON)
 6180 0558 VOA: Eng w/ end of progr into Fr @ 0600 (444 4/18 Chaffin-CAMEROON)
 11950 0752 ELWA: Eng w/ "Back to the Bible" (5-4 5/11 Mosman-IL)
 15445 2330 VOA: Eng w/ pop mx (353 5/3 Radtke-CA)
 17870 1650 VOA: Eng w/ mx (343 4/24 Cole-MI)
 21690 1815 VOA: Eng w/ tlks, 1830 s/off (353 4/13 earhart-PA)

MALAGASY REPUBLIC

- 11740 1403 R. Nederland, Talata: Eng nx, country (332 5/9 Cleveland-CA)

MALI

- 4785 0638 R. Mali: Fr w/ nat mx, ID (322 4/19 Kolb-FL)
 5995 2105 R. Mali: Fr w/ nat mx, ancmts (343 4/26 Earhart-PA);(343 2352 4/22 Miller-OH)
 7110 2310 R. Mali: Fr w/ afro mx (443 4/25 Thibaudeau-QUEBEC);(443 2355 4/22 Zilmer-WI);(353 0800* TENT 5/6 Earhart-PA) // 5995
 9745 0435 R. Mali: Fr tlks, mx, several IDs as "Ici Bamako" (544 4/20 Carrick-MD)

MOROCCO

- 6190 0615 Radiodiffusion Television Marocaine: Ar mx, chants (444 4/14 Earhart-PA)
 9615t 0249 RTVM: Ar mx and chants, s/off 0259 (443 5/7 Cleveland-CA)
 11935 0110 RTVM: Ar w/ chants (343 5/1 Earhart-PA);(344 2200 4/27 Carrick-MD)
 15195 1200 VOA, Tangier: Eng nx, ID (333 5/12 Pierce-MA)
 15360 1700 RTVM: Ar w/ mx, chants, nx @ 1800 (242 4/28 Radtke-CA)

MOZAMBIQUE

- 4855 2155 R. Clube de Mocambique: Port w/ lt mx, nx @ 2200 (252 5/11 Whitehead-MA)
 11780 0520 RCM: Eng nx, mx (333 4/9 McClain-CA);(332 0520 4/20 Carrick-MD)
 11820 0520 RCM: Port w/ pop mx, tlks (333 4/16 Bodell-OR)

NIGERIA

- 4932 2252 Nigerian Broadcasting Corporation, Benin: Eng w/ afro mx, nx, s/off 2305
 4990 0445 NBC, Lagos: Eng w/ rel tlks, hymns, chants (444 4/17 Carrick-MD)
 6025 2302 NBC, Enugu: Eng w/ s/off, anthem (153 4/27 Moore-PA);(544 0703 4/12 Chaffin-CAMEROON)
 7275 0645 Voice of Nigeria (NBC): Eng w/ tlks, mx (322 4/21 Earhart-PA)

RHODESIA

- 3396 0300 Rhodesia Broadcasting Corporation: Eng w/ mx, ancmts, nx 0330 (343 4/28 Oliver-MI)

RWANDA

- 11965 2035 Deutsche Welle, Kigali: (Ger w/ country (333 5/2 Gaede-CA);(423 2140 4/11 Earhart-PA);(232 2030 4/27 Hickman-OR)
 15380 2100 D: Ger w/ nx (333 5/1 Gaede-CA);(443 2205 5/5 Chapman-PA)
 21540 0931 D: Eng w/ "Kaleidoscope" (354 4/28 DuRant-THAILAND)

SENEGAL

- 11895 2230 Radiodiffusion du Senegal: Fr tlks (211 4/19 Stine-ND)

SOUTH AFRICA

3250 0415 SABC: Eng pop mx, ads, Springbok ID (343 5/9 Cleveland-CA);
 (333 0420 5/7 Bodell-OR);(152 2330 5/7 Moore-PA)
 3320 0425 SABC: Afrikaans w/ nx, ID @ 0430, mx (333 5/9 Cleveland-CA)
 4810 0428 SABC: Eng w/ ads, ID, world nx @ 0430 (444 4/16 Cleveland-
 CA);(332 0530 4/22 Day-CA)
 4875 0308 SABC: Eng w/ nx (142 5/11 Moore-PA)
 5980 0422 R. RSA: Eng w/ s/off 0430 (232 5/9 Snyder-CA);(443 2230 5/5
 Zilmer-WI)
 6035 2230 R. RSA: Eng w/ s/on, nx, mx, features (443 5/6 Zilmer-WI);
 (243 2230 5/12 Moore-PA)
 7185 0535 SABC: Eng w/ morning mx prgr, ads (232 5/9 Snyder-CA)
 9680 0528 SABC: Eng w/ Saturday morning prgr (323 5/3 Meehan-CA)
 9695 2230 R. RSA: Eng prgr (444 4/12 Cole-MI);(555 2230 4/23 Suddick-MI);
 (353 0130 4/21 Radtke-CA);(322 0508 5/3 Meehan-CA)
 11900 1402 R. RSA: Eng ID, short story (252 5/7 Hickman-OR)
 11970 0225 R. RSA: Eng mx, nx bulletin (444 5/1 Gaede-CA)
 17780 1615 R. RSA: Eng mailbag prgr (322 4/21 Carrick-MD)
 17820 1815 R. RSA: Eng prgr (444 4/11 Rodriguez-PR)
 21535 1525 R. RSA: Eng spts intvw (343 5/4 Earhart-PA)
 21545 0900 R. RSA: Eng s/on, nx (344 4/27 DuRant-THAILAND)

SUDAN

9505 1930 R. Omdurman: Ar w/ s/on, tlks (324 5/13 Oliver-NH);(444 2155
 4/26 Earhart-PA)

TOGO

5047 0541 Radiodiffusion du Togo: Fr w/ mx (433 5/7 Bodell-OR);(343
 0540 4/26 Earhart-PA);(333 0553 4/19 Kolb-FL);(545 2200 4/14
 Thibaudeau-QUEBEC);(253 2210 4/17 Stine-MD);(254 2245 5/12
 Moore-PA);(544 2255 4/16 Carrick-MD)

UPPER VOLTA

4815 0625 Radiodiffusion-Television Voltaique: Fr w/ tlk, ID (322 4/19
 Kolb-FL)

ZAIRE

7115 2305 La Voix du Zaire: Fr w/ tlk, mx, drums // 15245 (432 4/22
 Zilmer-WI)
 7205 0453 R. Lubumbashi: Fr w/ tlks, ID @ 0457 (232 5/9 Snyder-CA)
 11865 2230 R. Lubumbashi: Fr w/ afro mx (443 4/28 Zilmer-WI)
 15245 1930 LV du Zaire: Fr tlk, mx (454 4/19 Stine-MD);(343 2300 4/23
 Radtke-CA);(344 0315 in Vern 5/9 Snyder-CA)

-Clandestine-

CLANDESTINE

6240 0715 R. Liberation: U/lang w/ tlks, few songs (333 4/14 Earhart-
 PA)
 11509 2345 R. Portugal Livre: Port w/ tlk, mx excerpts // 8333, s/off
 2350 (153 4/12 Moore-PA)
 11695 1648 R. Courier of Iran: Azerbaijani(L) w/ mx, tlks (353 4/11
 Earhart-PA)
 12080v 2132 R. Euzkadi: Sp w/ tlks, severe jamming (--1 4/13 Moore-PA);
 (444 0030 4/20 Rodriguez-PR)
 12140 2046 R. Espana Independiente: Sp w/ commtry on Spain (433 4/20
 Rodriguez-PR)

Europe Africa Roundup:

Ciao! A special thanks this month to new reporters, Ralph Famularo, Larry Garrett, Lois McClain, Wes Mullen, and Kevin Suddick. Welcome all, and we do hope you'll be regular reporters.

A couple of points on sending in your loggings. First, if you can please use the handy SPEEDX reporting forms (or any other kind) and if possible, cut the logging slips up ahead of time, but not forgetting to include your

name, address, and receiver.

Europe/Africa Roundup also seeks your support. If you have any tidbits of information about these two areas please send it in with-or separately to us. Even if you don't send in logging reports you'll still get credit for a Roundup report. Remember, not everyone can listen to all the DX programs broadcast, so if you hear an interesting bit of info, pass it along!

Finally, many of you noticed the old address at the top of last month's column. Well, we goofed. Seems somebody (... wonder who?) slipped one of the old heading pages into the extra "new" ones and we, of course, picked it up. In any case, all reports sent to the old address got to us easily and we're back to the correct address of P.O. Box 398. Sorry!

Well, let's get on to the news then.

Belgium - Radiodiffusion Television Belge: "The building of a new antenna towards the United States will start soon in Wavre. After its completion the RTB will be able to use their two new 250 kw transmitters."

(WDXC)

Hungary - Radio Budapest: In May 1974 Radio Budapest will begin official transmissions via its new 250 kw station at Jaszago, located 80 km east of Budapest. Tests will be broadcast on 5980, 6110 6165 6180 and 11910 kHz.

(Jim Whitehead, direct and WDXC)

Portugal and Africa's future: No doubt all of you have been keeping a fairly close watch on the new Portugal government's policy towards its African colonies. By the time you read this talks may have already gotten under way between the various parties. Country hunters can take note that independence, if so granted or won by the colonies, can produce a change in countries and stations.

Malta - Deutsche Welle relay at Nigret: This station's sked for May provides for use of their new 250 kw relay. The provisional sked is: 0200-0615 on 11865 to Central and North America; at 0630-0700 on 11850 to Africa; at 0830-0900 on 17780 to Afghanistan; at 0900-1115 on 17825 to East Asia; at 1115-1230 on 15325 to Japan; at 1315-1430 on 21650 to Asia; at 1430-1515 on 11785 to the Near East and Arabia; at 1515-1745 on 17875 to Africa and at 2300-0115 on 15225 to South America.

(WDXC)

Would you believe ... Liechtenstein? "The state of Liechtenstein is about to become a radio country if the plan to establish a commercial station will be accepted by the authorities. A 1200 kw transmitter will serve especially the South German Area on mediumwave." Can shortwave really be that far behind then? Guess we'll just have to wait and see ... now where did I put my map of Liechtenstein?"

(WDXC)

Chad - Radiodiffusion Nationale Tchadienne: Reports to the contrary, this station is still broadcasting on 4904.5 with good signals.

That's it for this month then. Hope to see you all again next month.

73
SK
Bob

ANGOLA
RWANDA
BURUNDI
SOUTH AFRICA
UPPER VOLTA
CZECHOSLOVAKIA
KENYA
MALAGASY REPUBLIC
ALGERIA
DENMARK
ETHIOPIA
MALI
FRANCE
SWITZERLAND
GREECE
CAPE VERDE
SERRA LEONE
MONACO
GERMANY
UGANDA
ITALY
SWAZILAND
MAURITANIA

ASIA-OCEANIA

MEL HICKMAN
 Editor, Asia/Oceania
 7409 S.E. 62nd
 Portland, Oregon 97266
DEADLINE: 15th of the month



Frequencies in kiloHertz Time and Date GMT Deadline: 15th
 A = approximate L = listed M = measured T = tentative *0000 = S/On 0000* = S/Off

FREQ TIME SIO LOCATION

ASIA

BANGLADESH

17690 1230 544 SCOT Radio Bangladesh: Eng news, native music. (Crawford 4/16)

BRUNEI

7215 1945 433 CA Radio Brunei: Eng ID, "Melody Time" program. (Cleveland 4/19)

BURMA BBS = Burma Broadcasting Service

5039 1115 453 WI BBS: Burmese music and talk. (Zilmer 5/6)

CHINA, P. R. OF

PLA = People's Liberation Army

3200 1940 343 CA PLA: Chinese w/Chinese music. (Cleveland 4/15)
 5125 1125 353 WI Radio Peking: U/lang talking. (Zilmer 5/6)
 5145 1350 444 CA RP: Chinese classical music, 1355 "Internationale". (Cleveland 5/9)
 5170 1130 353 WI PLA: U/lang w/YL talk, // 5240. (Zilmer 5/6)
 1355 444 CA PLA: Chin OM/YL tx, 1400 vocal music. (Cleveland 5/9)
 7480 1408 343 CA RP: Chinese music. (Dawson 5/8)
 9605 1115 443 WI RP: Spanish talk and music. (Zilmer 5/8)
 9940 2017 444 CAMER RP: French with music. (Chaffin 4/15)
 11685 1245 222 MA RP: English with talks. (Pierce 4/16)
 11725 1230 555 MI RP: English commentary. (Suddick 4/15) Welcome aboard, Kevin.
 11980 0945 211 HI RP: Spanish talk by YL and OM. (Trubea 4/7)
 15065 0100 444 CA RP: Eng nx, tx on Chinese progress. (Miller 4/23)
 15385 0330 252 CA RP: Eng cmt on steel industry. (Radtko 4/24)
 0415 443 CA RP: Eng w/Chinese mx entitled "Theme of the Great, Glorious, and
 Correct Party of China". (Cleveland 4/15) Did'ya sing along?
 15510 0000 444 MD RP: English newscast. (Carrick 4/26)
 15520 0000 453 WI RP: Eng nx. (Zilmer 4/21)
 0140 433 CA RP: English tx by OM on government. (Dawson 4/26)

CHINA, REP. OF

AFNT = American Forces Network Taiwan

3990 1224 321 CA AFNT: Eng Rock mx w/hip DJ. QSL rcvd. (Snyder 4/14)
 17720 0230 222 MD Radio Taiwan (VOFC): Eng tx, Chinese music. (Carrick 5/10)
 17890 0200 242 CA RT (VOFC): Eng cmt on airlines to Taiwan. (Radtko 4/20)
 0215 232 CA RT (VOFC): Eng nx, cmt on solidarity. (Browne 5/7)

INDIA

AIR = All India Radio

9525 2200 233 PA AIR: English comment by YL/OM. (Vecchiola 5/12)
 2200 333 WI AIR: English news. (Zilmer 5/5)
 9535 1225 342 WI AIR: Eng program sked, news. (Zilmer 4/28)
 9755 2000 333 CAMER AIR: English news. (Chaffin 4/15)
 9912 2046 333 MA AIR: English press review, folk music. (Lobdell 4/21)
 11620 2200 322 WI AIR: English news. (Zilmer 5/5)
 11810 *1330 232 MD AIR: English news, into music. (Stine 4/18)
 *1330 443 FL AIR: English program notes. (Kolb 4/17)
 *1330 212 PA AIR: Eng IS, S/On by YL, OM news. (Eagen 4/18)
 1405 333 CA AIR: English news. (Nebron 4/16)
 11850 1225 332 WI AIR: English program notes, news. (Zilmer 5/5)
 15080 1935 444 CAMER AIR: Eng w/Indian music, talks. (Chaffin 4/15)

<u>INDONESIA</u>		<u>RRI = Radio Republik Indonesia</u>		<u>VOI: Voice of Indonesia</u>			
3960	1349	433	CA	RRI Padang: Indo native mx, 1358 ID. (Cleveland 4/17)			
4698	1420	333	CA	RCIP Surabaya: Indonesian music. (Nebron 4/16)			
4765	1352	433	CA	RRI Medan: Indo w/pop mx, 1359 ID, IS, news. (Cleveland 4/30)			
4855	1359	322	CA	RRI Palembang: Indo "Love Ambon" IS, 1400 ID. (Cleveland 5/3)			
4871	1340	333	CA	RRI Sorong: Indo tx and pop music. 1358*. (Cleveland 5/2)			
4932	1355	433	CA	RRI Surakarta: Indo tx and mx, 1400 ID. (Cleveland 4/24)			
5047	1402	444	CA	RRI Jogjakarta: Indo nx, pop mx, Indonesian music. (Cleveland 4/12)			
5560	1353	342	CA	RKPD: Indo pop mx, talks. (See Dateline) (Cleveland 4/26)			
5987	1345	443	CA	RRI Manado: Indo C & W mx, IS, 1359 ID. (Cleveland 4/28)			
6045	1400	333	CA	RRI Jakarta: Indo ID, native music. (Cleveland 5/1)			
9698	1100	222	CA	RRI ?: Eng/Indo songs and news. (Miller 4/12)			
11790	0900	352	OR	VOI: English nx, comment, U.S. rock music. (Hickman 4/24)			
<u>IRAN</u>		<u>VOI = Voice of Iran</u>					
9022	0033	554	OH	VOI: Farsi music, tx vy OM and YL. (Lovett 4/13)			
	2000	343	MI	VOI: English news. (Suddick 4/19)			
	2100	444	MD	VOI: Farsi w/Arabic mx, some talks. (Carrick 4/16)			
	2300	352	FA	VOI: Arabic chants, native music. (Chapman 4/16)			
15084	1415	343	OH	VOI: Farsi w/music, much of it English. (Lovett 4/12)			
	1622	343	OH	VOI: Farsi w/Persian music and ID. (Miller 4/28)			
<u>IRAQ</u>		<u>RBI = Radio Baghdad International</u>					
9745	1932	333	PA	RBI: Eng ID, nx, political comment, light mx. (Lobdell 4/15)			
	1939	143	MA	RBI: English news. (Moore 4/15)			
	1945	444	MD	RBI: English comment, Arabic music. (Carrick 4/30)			
<u>ISRAEL</u>		<u>IBA = Israel Broadcast Authority</u>					
9009	0025	443	WI	IBA: Spanish talk. (Zilmer 4/23)			
	0100	444	CA	IBA: Hebrew (?) folk songs // 9785. (Miller 4/14)			
	0120	444	PA	IBA: Hebrew (?) pop music by choral group. (Earhart 4/14)			
	0128	323	IL	IBA: Hebrew (?) orchestral mx, 0130 OM/YL talk. (Trzaskus 4/30)			
	0203	323	OH	IBA: U/lang pop music, jammed. (Lovett 4/25)			
9495	0015	443	WI	IBA: Hebrew mx, some English records. (Zilmer 4/23)			
	0025	444	PA	IBA: Hebrew (?) w/Western world music. (Earhart 4/16)			
	0045	433	NY	IBA: Hebrew songs and music. (Kratter 4/5)			
	*1955	232	CA	IBA: English IS, S/On into news. (Nebron 4/18)			
9785	2010	444	MD	IBA: English comment on mail. (Carrick and Stine 4/19)			
9815	2330	433	WI	IBA: Hebrew music // 9495, 10250 (322), and 15100. (Zilmer 5/4)			
11700	*0500	???	OR	IBA: Eng s/on, nx, wx, press review. (Bodell 5/6)			
	2045*	333	OH	IBA: English sign off. (Beck 5/11)			
	2155	312	WI	IBA: U/lang IS, ID, covered by jammer. (Zilmer 5/5)			
12000	2300	322	WI	IBA: Hebrew talk, music // 12025. (Zilmer 5/3)			
12025	0210	242	PA	IBA: Hebrew (?) w/pop music, YL singer. (Earhart 4/16)			
	2015	244	PA	IBA: English newsreel // 9495. (Moore 4/20)			
	2035	333	NY	IBA: Eng talk on Israel volunteers. // 15100. (Kratter 4/18)			
	2320	433	WI	IBA: Hebrew talk and music. (Zilmer 5/2)			
15100	*0500	333	NY	IBA: English news. (Kratter 5/12)			
	1130	242	WI	IBA: Eng nx, cat, mx, ads. (Zilmer 5/11)			
	2101	222	CA	IBA: English news. (Nebron 4/16)			
	*2157	353	PA	IBA: French s/on after trumpet IS // 9815 (--3). (Earhart 4/13)			
<u>JAPAN</u>		<u>NHK = Nippon Hoso Kyokai</u>		<u>FEN = Far East Network</u>		<u>NSB = Nihon Short-Wave Bcs Co.</u>	
3910	1400	433	CA	FEN: Eng nx, PSA, ID, wx, mx, QRM de ARO. (Cleveland 4/15)			
3925	1345	433	CA	NSB: Japanese OM/YL talk and music, VLK3 QRM. (Cleveland 4/25)			
5990	1500	333	CA	Radio Japan: English Asian news. (Gaede 5/4)			
6055	0932	333	MS	NSB: Japanese w/Japanese lessons in English. (Jones 4/15) Confused?			
	1045	443	WI	NSB: English with Japanese lessons. (Zilmer 5/7) That's better!			
	1400	444	CA	NSB: Japanese OM talking. (Cleveland 4/26)			
6155	1400	443	CA	FEN: Eng nx, mx, PSA, ID. (Cleveland 4/23)			
7285	0810	343	OR	NHK Yamata: Japanese talks. (Bodell 5/4)			
9505	0700	555	CA	RJ: Eng mx, caty. 0715 into Japanese. (Gaede 4/29)			
	2000	252	CA	RJ: Eng talk on Mona Lisa in Tokyo. (Radtke 4/20)			
9560	*1400	422	CA	RJ: English s/on. (Meehan 5/1)			
	*1400	433	WI	RJ: English news to Europe. (Zilmer 4/21)			
9595	1045	433	WI	NSB: Japanese lessons in English. (Zilmer 5/9)			
9670	1645	555	CA	RJ: English DX Program. (Miller 4/14)			
9675	1130	333	INDIA	RJ: English with Japanese lessons. (Sridhar 4/5)			
	1140	443	WI	RJ: English DX news to S. E. Asia. (Zilmer 5/5)			
11750	0535	242	OR	FEN: Eng w/Rod McKuen interview, HCJB QRM. (Hickman 4/18)			
11875	1120	444	THAI	RJ: English with Listeners Corner. (DuRant 4/28)			
15105	*0300	434	CA	RJ: English Asian nx // 15300 (232), 17880 (121). (Garrett 5/7)			
	0404	444	CA	RJ: English world news. (Dawson 4/28)			

JAPAN (CONTINUED)

15445 0145 453 CA RJ: Eng OM talking, Common Topics. (Dawson 4/26)
 17710 *0700 333 OR RJ: End of Italian, into German. // 17825. (Bodell 4/23)
 0800 121 HI RJ: English news. (Trubee 4/17)
 17725 0215 232 NY RJ: English talk and news, 0229 ID. Smith 4/12)
 17825 0245 252 PA RJ: Spanish w/Asian music, 0300*. (Earhart 4/17)
 17880 0600 555 CA RJ: English newsbroadcast. (Gaede 4/29)

JORDAN

11810 0543 232 OR Radio Jordan: Arabic chants. (Bodell 5/1)

KOREA, D. P. R.

7405 1035 433 MT Radio Pyongyang: Eng cat to N.A. 1000-1100. (Mullen 5/2)
 7580 1345 443 CA RP: English OM cat // 3560 (-2) 1351*. (Cleveland 4/18)
 9455 1015 222 CA RP: Eng talk on liberation struggle. (Browne 5/5)
 1043 323 PA RP: Eng children's story // 12075, 1050*. (Eagen 4/16)
 1154* 343 OH RP: Russian s/off after OM talk. (Miller 4/14)
 *1400 555 CA RP: Russian s/on, news, tx, music. (Miller 4/17)
 9820 *1400 555 CA RP: French s/on with anthem, news, music. (Miller 4/17)
 11570 0715 233 HI RP: Korean YL tx // 11535 (343) // 11495 (121). (Trubee 4/12)
 12075 0705 343 OR RP: Eng cat, ID, choir mx, ID, more comments. (Hickman 4/24)
 15630 2307 153 PA RP: Eng tx by OM, local music. (Moore 4/15)
 2340 333 CA RP: English musical program. (Gaede 5/1)

KOREA, REP. OF

9640 1115 222 THAI Radio Korea: Eng Listeners Corner, QRM de 9635. (DuRant 4/29)
 1200 443 WI RK: Eng "Sunday Magazine" // 11925. (Zilmer 5/2)
 11925 *0630 433 OR RK: Eng s/on, news, severe heterodyne, // 9640. (Bodell 5/4)
 1100 322 WI RK: English news, comment, and music. (Zilmer 5/8)
 1343 332 CA RK: French talk and vocal music, Eng at 1400. (Cleveland 5/8)

KUWAIT

15415 *1700 232 CA Radio Kuwait: English s/on with pop music. (Snyder 5/8)
 1709 343 FA RK: Eng pop music, 1730 ID and news. (Earhart 4/21)
 1743 333 MA RK: Eng nx, wx rpt, Afro-American Beat at 1900. (Lobdell 5/4)
 1745 444 SCOT RK: Eng wx, Press Report, requests. (Crawford 3/31)
 1750 444 MD RK: Eng pop mx, after nx and wx. (Carrick 4/16)
 21685 1125 544 CAMER RK: Arabic music. (Chaffin 4/20)

MALAYSIA

3915 1340 433 CA BBC Tebrau: English lessons, 1345 ID, into Burmese. (Cleveland 4/30)
 4985 1345 333 CA R. Malaysia Penang: Eng sports scores, CW QRM. (Cleveland 5/6)
 9740 1345 222 SCOT BBC Tebrau: ??? news and comment. (Crawford 4/1)
 11750 1430 353 CA BBC Tebrau: English sports program. (Radtke 4/13)
 1504 343 OR BBC Tebrau: Eng Radio Newsreel and Forum. (Hickman 4/18)
 11955 0930 454 OR BBC Tebrau: Eng by Radio to Indonesia. (Hickman 4/24)
 1500 555 CA BBC Tebrau: Eng Radio Newsreel after relay ID. (Gaede 5/3)
 15070 1600 545 INDIA BBC: Eng nx, cat. (Sridhar 4/5) WRTH shows this as England. ???
 15275 1550 433 CA Radio Malaysia: Arabic w/Malay music, nx at 1600. (Snyder 5/1)
 15310 1644 333 OH BBC Tebrau: English ID, schedule. (Miller 4/21)

PAKISTAN

9690 1300 342 WI Radio Pakistan: Eng nx, xmt, mx (11672 not heard). (Zilmer 5/5)
 11672 1300 222 MA RP: English nx, ID, music. (Pierce 4/10)
 1330 251 MD RP: English talk by YL and OM. (Stine 4/17)
 1755 333 MD RP: English slow speed news, 1805*. (Carrick 4/15)
 15105 1112 253 MA RP: Eng dictation speed news, 1114*. (Lobdell 4/13)
 15520 1530 333 OR RP: Eng slow news, cat on Kashmir. (Bodell 5/12)
 17830 0815* 333 CAMER RP: Urdu chanting to s/off. (Chaffin 4/11) 100 kw, I think, Dave.
 17845 1300 232 MA RP: English news by male announcer. (Lobdell 4/14)

PHILIPPINES

VOP = Voice of Philippines (Radio Philippines)
 7225 1130 222 PA FEBC: Eng religious program, U/lang at 1145. (Eagen 4/16)
 9555 1630 444 NB VOA Tinang: Russian (WRTH) programming. (Eckman 4/27)
 9580 1000 342 WI VOP: Eng news, comment, and music. (Zilmer 5/5)
 1200 323 INDIA VOP: Eng program sked, "Philippines Calling". (Sridhar 3/31)
 1530 333 CA VOP: Eng with Philippines Newsreel. (Browne 4/27)
 1652* 343 CA VOP: English s/off, anthem at 1656. (Cleveland 4/27)
 9715 1405 454 CA FEBC: Japanese with English lessons. (Cleveland 5/7)
 9720A 1200 333 INDIA SEARV: English ID, Burmese program. (Sridhar 5/4) See below.
 9750T 1349 333 CA SEARV: Chinese OM/YL tx, Oriental mx, hymn. (Cleveland 5/7)
 11890 0835 343 OR FEBC: Eng nx, religious tx, music, more talks. (Hickman 4/28)
 1715 555 CA FEBC: Eng religious music program. (Gaede 5/3)

PHILIPPINES (CONTINUED)

11920 0900 444 OR FEBC: Eng w/"Back to the Bible". (Hickman 4/28)
 1105 342 PA FEBC: English hymns and talk. (Earhart 4/29)
 11965 0800 443 OR VOA Tinang: Russian news, music // 11930. (Hickman 4/24)
 15320M 0200* 242 FA VOA Tinang: English sign off. (Eagen 4/16)
 15440 2330 343 CA FEBC: English news, ID at 2336. (Cleveland 5/8)
 2350 221 IL FEBC: English Mailbag Show. (Mosman 4/20)

SABAH RMS = Radio Malaysia Sabah

4970 1353 343 CA RMS: Malay play, WRTH shows English at this time. (Cleveland 5/6)

SARAWAK RMS = Radio Malaysia Sarawak

4835 1405 333 CA RMS: Malay (WRTH) native music. (Cleveland 4/18)
 4895 1402 443 CA RMS: Iban (WRTH) male talking. (Cleveland 4/30)
 4950 1402 333 CA RMS: English world news. (Cleveland 4/29)
 5030 1431 444 CA RMS: Bidayuh (WRTH) with native pop music. (Cleveland 4/12)

SINGAPORE

5052 1350 333 CA Radio Singapore: Eng mx, "Movie Magazine". (Cleveland 4/12)
 11940 1400 353 CA RS: Eng comment on farm problems. (Radtke 4/13)

SRI LANKA SLBC = Sri Lanka Broadcasting Corporation

11725 1610 332 CA SLBC: Eng pop mx, religious program. (Cleveland 4/27)
 11800 0830 444 INDIA SLBC: Telugu with film music. (Sridhar 4/6)
 1600 333 OR SLBC: Hindi (WRTH) time tones, news, music. (Hickman 4/27)
 15210 1805 254 PA VOA: English Jazz Hour. 1815*. (Moore 4/15)
 1810 433 OH VOA: English with Bach music. (Miller 4/14)

SYRIA

9655 2030 333 MA Radio Damascus: English ID, request program, 2050 news, 2100*
 Jammer finally gone, modulation poor. (Lobdell 5/5)

TURKEY VOT = Voice of Turkey

11880 *2200 --3 NJ VOT: English news and music. (Famularo 5/1)
 *2200 454 NY VOT: English s/on, nx, DX Program at 2211. (Smith 4/13)
 *2200 333 IL VOT: English DX Show. (Mosman 5/11)
 2208 333 TN VOT: English tx on Brandt's resignation. (Smith 5/4)
 2228 454 PA VOT: Eng news, then three songs by Negroes. (Earhart 4/8)
 2230* 444 OH VOT: Eng s/off following DX Program. (Lovett 4/13)
 2230* 343 MD VOT: Eng s/off after nx, mx, and features. (Stine 5/5)
 *2230 443 MD VOT: German (?) after Eng s/off and IS. (Carrick 5/6)

UNION OF SOVIET SOCIALIST REPUBLICSAsiatic R. S. F. S. R.

5015 1350 454 CA Russian H. S. (Vladivostok) with classical music. (Cleveland 4/22)
 11895 0545 252 OR Russian H. S. (Khabarovsk) w/classical mx, nx, cnt. (Hickman 4/28)
 11985 0100 444 CA Radio Moscow (Khabarovsk): Eng world nx, organ music. (Browne 4/27)

Unlocated

7320 0620 222 HI Russian H. S. with OM and YL talk. (Trubee 4/24)
 17815 0759* 343 HI Russian H. S. sign off. (Trubee 4/19)

Uzbek S. S. R.

9600 *1200 354 MI Radio Tashkent: English news and native music. (Suddick 4/15)
 11740 1410 444 OR RT: English commentary. (Bodell 4/24)
 11925 1204 333 OH RT: English news with YL announcer. (Miller 5/5)

VIETNAM, D. R. OFVOV = Voice of Vietnam

10040 1015 153 PA VOV: English local music, OM talk. (Moore 4/13)
 1134 423 CA VOV: Vietnamese talks by OM and YL. (Eagen 4/15)
 1355 454 PA VOV: French 1357*, into Laotian at 1400. (Cleveland 4/22)
 10060T 1055 133 PA VOV: Vietnamese H.S. with Asia music. (Moore 4/13)
 15005 1815 434 SCOT VOV: ??? comment and native music. (Crawford 4/10)
 15012 1306 253 PA VOV: Eng tx and native mx, 1330*. (Moore 4/15)
 1812 252 TN VOV: English talk on watergate. (Smith 4/12)
 2145T 242 FA VOV: U/lang with OM talking. (Earhart 4/13)

VIETNAM, REP. OFVTVN = Broadcasting System of Vietnam

4877 1353 444 CA VTVN: Vietnamese talking by OM, 1400 time pips. (Cleveland 4/19)

YEMEN ARAB REPUBLIC

5805 0320 333 PA Radio Sanaa: Arabic with music and OM talk. (Earhart 4/28)

OCEANIA

AUSTRALIA

4920	1122	152	PA	ABC Brisbane: English news. (Moore 4/13)
	1348	433	CA	ABC Brisbane: Eng pop mx, 1350 meditation. (Cleveland 4/24)
6090	0749	242	MS	ABC Sydney: English market reports, news. (Jones 4/23)
6120	1255	231	CA	Radio Australia: Indonesian up to 1300, then Eng ID. (Snyder 5/4)
6130	1646	444	THAI	RA: Eng Club Forum, World of Music. (DuRant 4/20)
6140	1352	322	CA	ABC Perth: Eng opera music // 9610. (Cleveland 5/3)
6150	1350	432	CA	ABC Melbourne: Eng mx, 1355 ID, nx, 1402*. (Cleveland 5/10)
7235	*1130	343	OH	RA: U/lang (Indonesian - WRTH) IS and ID. (Miller 4/21)
9570	0715	444	CA	RA: English news recap. (Gaede 5/2)
	1425	333	CA	RA: Eng Listeners Choice, VOA QRM. (Meehan 4/10)
9580	*1114	--3	NJ	RA: Eng nx, mx, cmt, Stock Mkt Rpt. (Famularo 5/1)
	*1115	444	OH	RA: English s/on and talk. (Beck 4/29)
	1145	555	MI	RA: English Mailbag. (Suddick 4/14)
9610	1303	533	MD	ABC Perth: English news and music. (Stine 4/18)
	1315	322	MA	ABC Perth: Eng with piano music. (Pierce 4/10)
	1340	333	OH	ABC Perth: English talk and music. (Beck 4/28)
	1407	444	CA	ABC Perth: English novelty songs. (Cleveland 4/17)
	1534	433	CA	ABC Perth: Eng musical show. (Meehan 4/20)
	1600*	444	CA	ABC Perth: Eng s/off after local news. (Browne 4/27)
9680	0630	433	HI	ABC Melbourne: English music and talks. (Trubee 4/12)
	0801	333	CA	ABC Melbourne: English weather report. (Gaede 5/2)
9750	0830	333	SCOT	RA: English nx, mx, market report to P. N. G. (Crawford 4/9)
9760	0735	333	CA	RA: Eng w/AFRTS QRM. (Gaede 5/2) WRTH shows 9755 for this best. ??
11710	*1100	444	CA	RA: English with girls' choir. (Browne 4/21)
	*1100	444	PA	RA: English s/on with news. (Eagen 4/16)
11740	0945	545	INDIA	RA: Eng music and news to S. W. Asia. (Sridhar 4/6)
11765	*0800	252	OR	RA: Eng s/on, interviews, ID, and local news. (Hickman 4/28)
11790	1130	333	MA	RA: Eng with ID and stock report. (Pierce 4/9)
	1130	333	THAI	RA: Eng Mailbag and Listeners Choice. (DuRant 4/21)
	1425	343	OR	RA: English Listeners Choice. (Hickman 4/27)
11810	1138	231	CA	RA: Eng w/ABC produce program to P.N.G. (Snyder 5/4)
11885	0717	252	OR	RA: Eng "World of Music" to P. N. G. (Hickman 4/28)
	0840	252	MO	RA: Eng music program, ID, folk music. (Griffin 5/5)
15160	0230	333	CA	RA: English news. (Garrett 5/7)
	0352	151	MA	RA: Eng light music, 0400 news. (Lobdell 4/17)
	0722	333	CA	RA: English songs and music. seems // 15240. (Gaede 4/28)
15240	0615	322	NY	RA: English music program. (Kratzer 5/12)
	0715	333	CA	RA: Eng with easy listening music. (Gaede 4/28)
17715	0340	353	PA	RA: English chamber music. (Earhart 4/17)
17820	0420	444	CA	RA: Eng pop mx not // 15160. (Cleveland 5/1)
17870	0302	353	PA	RA: English essay reading, music. (Earhart 4/17)
	0600	555	CA	RA: English news. (Gaede 4/29)
	0710	555	CA	RA: Eng news seems // 21485. (Gaede 4/28)
21485	0700	333	CA	RA: English news cast. (Gaede 4/28)
21680	0330	444	CA	RA: English frequency data and music. (Gaede 5/7)

NEW CALEDONIA

7170	0630	333	FL	Radio Noumea: French talk, music. (Kolb 4/19)
	0745	333	MD	RN: French talks with music. 0755 ID. (Carrick 4/16)
	1030	334	QUEBEC	RN: French classical music, wx, nx. (Thibaudeau 4/13)
11710	0540	353	OR	RN: French rock mx, time tones at 0607.5. (Hickman 4/21)

NEW HEBRIDES

3945	0725	131	CA	Radio Vila: French OM/YL talk, MoR music, 0914*. (Snyder 4/29)
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NEW ZEALAND

NZBC = New Zealand Broadcasting Corporation.

9520	1005	254	PA	NZBC: English news and sports. (Moore 4/13)
9540	0730	433	FL	NZBC: Eng "Top Ten" Hit Parade // 11780 (443). (Kolb 4/20)
	0730	444	CA	NZBC: Eng cmt on police and violence // 11780 (444). (Gaede 4/28)
	0800	333	MD	NZBC: Eng IS, then news. (Carrick 4/16)
11780	0610	252	PA	NZBC: English talk on N.Z., music. (Earhart 4/9)
	0730	555	CA	NZBC: Eng IS, ID, anthem, BBC news. (Miller 4/13)
	0800	333	CA	NZBC: Eng local and world news, sports events. (Browne 4/20)
15110	0250	242	NY	NZBC: English cricket game. (Smith 4/17)
	0350T	141	TN	NZBC: English music. (Smith ??)
	0400	352	CA	NZBC: Eng weather and news. (Radtko 4/27)
17770	0250	242	PA	NZBC: English classical music and news. (Earhart 4/26)

PAPUA NEW GUINEAPNGBC - Papua New Guinea Broadcasting Commission

2428	1140	231	CA	Radio New Ireland: Pidgin w/slow isle music, OM tx. (Snyder 4/14)
3260	1028	241	CA	Radio Madang: Pidgin DJ w/island music, hip tx. (Snyder 4/14)
3322.5	0938T	152	PA	Radio Bougainville: Eng/Pidgin music, Eng time checks. (Moore 4/13)
	1105	231	CA	RB: Pidgin with island music and talk. (Snyder 4/14)
3385	1032	342	OH	Radio Rabaul: Pidgin news. (Miller 4/20)
	1350	332	CA	RR: Pidgin/Eng C & W mc, 1400* w/GSTQ. (Cleveland 4/15)
4890	0915	153	PA	PNGBC: Eng pop music, frequent time checks. (Moore 4/13)
	1055	443	MD	PNGBC: Eng news - RA at 1100, local news afterwards. (Carrick 5/10)
	1353	444	CA	PNGBC: Eng meditation, mx, 1400* with GSTQ. (Cleveland 4/18)
9520	0655	433	FL	PNGBC: Eng soap opera program. (Kolb 4/19)

TAHITI

9750	0655	333	OR	Radio Tahiti: French talks // 11825, 15170. (Bodell 4/23)
11825	0215	444	CA	RT: French world news, Tahitian singing. (Browne 5/10)
	0305	453	PA	RT: Tahitian w/C & W music. (Chapman 4/17)
	0330	444	NB	RT: Tahitian (?) w/island music. (Eckman 4/29)
	0455	???	FL	RT: Tahitian local music, talks. (Kolb ??/?)
15170	0310	454	NY	RT: French tx with lots of music. (Smith 4/17)
	0320	444	CA	RT: Tahitian w/Eng and French music // 11825 (211). (Garrett 5/7)
	0422	353	OH	RT: Tahitian music and talks. (Lovett 5/4)
	1610	333	CA	RT: French with French type music. (Caede 5/4)

CLANDESTINE

4660	1400	332	CA	V. of Pathet Lao: Lao ID, martial mx, 1403 YL tx. (Cleveland 4/17)
7416	1115	152	PA	Liberation Radio: Eng YL nx, // 10010 (152). (Moore 4/13)
9423T	1500	332	CA	V. Thai People: Lao (?) OM tx, 1508 vocal music, martial mx, 1522* no definite identification. (Cleveland 4/12)
10010	1115	322	PA	LR: Eng with Vlet mx, ID by OM, more mx, 1130*. (Eagen 4/15)
	1401	344	CA	LR: French YL nx, mention of Vietnam. (Cleveland 4/16)
10079	1349	444	CA	VNUFK: Khmer native mx, 1400* with ID. // 9988 (good), 12006 (fair) 7012, and 4675 (poor). (Cleveland 4/16)
15789T	1340	153	PA	V. of Malayan Revolution: U/lang w/oriental mx, YL talking, jamming noted on frequency. (Moore 4/15)

UNIDENTIFIED

3320	1100	333	CA	U/lang with old U.S. music and talk. (Miller 4/15 and 17)
9620	0130	333	OR	Continuous Arabic chants until 0240. (Bodell 5/8)
10185	1050	152	PA	Oriental mx, u/lang YL talk. (Moore 4/13)
12025	0030	253	PA	U/lang (sounded Arabic) light mx and vocals. (Vecchiola 4/18) IBA?

DATELINE.....

SURABAYA, INDONESIA...A verification letter received by Bill Cleveland shows the following identification for the station on 5560: Radio Khusus Pemerintah Daerah. The letter, which states the power of the station as 350 watts, lists the address as R.K.P.D., Propinsi Jawa Timur, Jalan Pahlawan No. 18, Surabaya. Doug Snyder has a full copy of the letter and hopefully he will use it in the near future.

WELLINGTON, NEW ZEALAND...The NZBC is now identifying its shortwave transmissions as the "External Service of the N.Z.B.C.", dropping the long used "Radio New Zealand". RNZ will be used to identify the domestic mediumwave services. This from Bob Bodell and from HCJB.

CHRISTMAS ISLAND (REVISITED)...The BBC World Radio Club now reports that the BBC is NOT planning a relay on this island. Where, Oh Where, Can Their Relay Be? (News tip by Woody Smith, Lyric by yours truly.)

KASHMIR...Gregg Calkin reports over DX Jukebox that Azad Kashmir is now using 5950 in Urdu from 1200-1400, replacing 3979. (Bob Bodell)

ULAN BATOR, MONGOLIA...According to reports over Radio Australia, Ulan Bator Radio has an English transmission from 1220-1250 on 17785, a change from the 17780 listed in the WRTH.

BEIRUT, LEBANON...Radio Lebanon is now using 11965 in its 0330-0400 transmission to North America. (Radio Australia)

PORTLAND, OREGON...Once again, thanks for the excellent support and a special tip of the hat to Mark Eckman, Ralph Famularo, Don Griffin, Jim Meehan, Wes Mullen, Robert Pierce, and Kevin Suddick, all first time reporters to me. I had to cut about 40 of the 341 reports I received, so if your report of N.A. services of RA and Peking didn't make it in this time, I still appreciate your efforts in sending them in. 73's, *Wet*

STATION SKEDS

Rádio Nacional de Brasília

Radio Kuwait

Voice of Free China Broadcasts

EDITOR: Mark Koukol

Apt. E-1, High Meadows
1400 W. Lincoln Hwy.
De Kalb, IL 60540

DEADLINE: 15th

Please note the new address for your reports. Also, all reports for the August issue please send to: Steve Handler, 1270 Carol Lane, Deerfield, IL 60015 by the 14th of July. I will be on vacation during July and Steve will take my column during that time. Reports for the coming issue (July) go to me as usual.

Argentina: RAE Buenos Aires sends this sked to North America-To Eastern N.A.

0100-0300 9690 Spanish

0300-0400 9690 English

To Western N.A.

0400-0600 9690 Spanish

0600-0700 9690 English

(Michael Stine, Joe Geckle)

Austria: ORF Vienna sends this sked for their 30 minute English program "Report From Austria" to N.A. valid May 5-Sept. 1-

To East Coast N.A.

0130-0200 9770

0330-0400 9770

To North America

0330-0400 6155

To Central America

0330-0400 9650 (Chris Lobdell)

Belgium: ORU sends this English sked to:

North America

2255-2315 6055

0040-0100 6055

South America

2255-2315 11810

0040-0100 11810

(Jerry Stuart, Michael Stine)

Brazil: Radio Nacional de Brasilia sends this English sked-

2300-0000 6065, 9665, 11720,
15445

Their address is P.O. Box 07/0173, 70000 Brasilia, D.F. Brazil. (Steve Eichenhorn)

Radio Nacional de Brasilia has been heard in English testing the new 250 kW xmtr at 2350 on 11780. Announcer gave test sked as 1900-0100 on "11820 or 15385". Also hrd testing in Italian at 2235 on 15235. (Don Moore)

Canary Islands: RNE sends with 50 kW at 2000-0500 on 15365, 11800. (Don Moore)

Chile: Voice of Chile program is broadcast over Radio Nacional de Chile Monday-Saturday at 2030-0500 and 0900-1100 on 6190, 9510, 9590, and 15150. Language segments are about 20 minutes each, in the following order: Arabic, Russian,

German, Italian, French, English, Spanish. (Earl Chapman)

China, Rep.: Voice of Free China, now IDing as "Radio Taiwan" sends this sked effective from March 4: To North America (English)

0200-0350 5980, 7130, 9685,
11825, 11860, 15125,
15370, 17720, 17890

(Carl Radtke)

Cuba: Radio Havana is still using 11930 for North America in English but the second 25 mb frequency is changing daily. Noted once 11640, another time on 11725. (Gus Miller)

Czechoslovakia: Radio Prague xmts in English to North America at 0100 and 0300 on 5930, 7345, 9540. (Jerry Stuart)

Ethiopia: ETLF has made further changes in its sked, effective March 3. Changes are-(new freqs)

0300-0410 (Malagasy) 11795

0530-0610 (W. Africa) 11860

1700-1930 " 11925

1930-2015 " 11945

1915-2000 " 15385

1230-1300 (China) 15220

1330-1430 (N. India) 11900

(David Chaffin)

Finland: Radio Finland has this English sked May 5-Sept. 1:

To North America

1400-1430 15185

2300-2330 15185

To Europe

1400-1430 9550, 11755

1800-1830 9550, 11755, 15185

2030-2100 9550, 11755

To South America

1400-1430 21605

1800-1830 21605

2030-2100 15185, 21605

(Earl Chapman)

Germany, Federal Rep.: Deutsche Welle has this English sked to N. A. effective May 5-

To East North America

0130-0250 6040, 6075, 9545, 9690

To West North America

0435-0555 6075 (replaces 9765),
6145, 9545, 6085, 9605

(Henry DuRant)

Guam: FEBC is not the only station having sights on this island for a shortwave station. In January the FCC gave Trans World Radio permission to build a station on Guam. The project is already underway; the call letters of the station will be KTWR and it will use a 250 kW shortwave transmitter. Targets are Eastern Russia, China, South-east Asia, India, and Australia.

No date for completion was given.
(Trans World Radio)

Hungary: Radio Budapest has these English transmissions to North America-

0100-0130 6165, 7220, 9833,
11910, 15155, 17710,
21685

0300-0330 6165, 7220, 9833,
11910, 15155

0415-0445 6000, 7220, 9833,
11910, 15155

(Michael Stine, Don Moore) Radio Budapest is now using a 250 kW transmitter on 9833 for its North American broadcasts. (Gus Miller)

Iraq: Radio Baghdad International sends English 1930-2020 on 9745.

The Home Service, which has made many changes since WRTH, is:

Arabic (from Baghdad)
0225-2330 6095, 6155, 7180, 9635,
15400, 17775

Arabic (from Sawt Ul-Jamaheer)
0225-2330 7225

Kurdish
0225-0900, 1230-2200 3240, 6030

Turkoman
0900-1230 3240, 6030

Syriac
1530-1700 3960, 6030 (Bob Bodell)

Japan: Radio Japan has this English Regional North American sked valid May 5-August 31:

2345-0045 15445, 15270
0130-0230 15235, 15445, 17725,
17825

(Henry DuRant, Don Moore)

Kuwait: Kuwait Radio has this English sked for April-May-June:

0500-0800 15345 (India, Pak.,
Sri-Lanka)

1700-2000 15415, 9715 (Europe,
India-Pak.-Sri Lanka)

(Michael Stine)

Norway: Radio Norway has this English sked to N.A. on Sunday/
Monday G.M.T.:

1400-1430 17800 (East)
1600-1630 21655, 15175 (Central
America, East)

0000-0030 11860, 15175 (East)

0200-0230 9550, 11860 (East)

0400-0430 9645 (West), 11850 (West)
11860 (East)

Sked is effective May 5- August
31. (Chris Lobdell, Carl Radtke)

Papua-New Guinea: Via a QSL from Radio Morobe, "Radio Central" is operating from Konedobu in English, Pidgen, and Hiri Motu on

9575 at 0100-0200 and 0430-0530
10 kW with xmtr in Port Moresby.

Address is: Dept. of Information
& Extension Services, P.O. Box
2312, Konedobu. This Dept. also
operates Radio Northern District
in Popondetta on 2468 at times

0800-1000, different from WRTH
0700-1230. Information sent says
future stations are to be located
at Kundiawa, Mendi, Kavieng, Kim-
be, Vanimo, Lorengau, and Port
Moresby. (Kevin Szot)

Spanish Sahara: Via RNE comes in-
fo that the station here operates
0700-0000 on 7230 with 20 kW.
(Don Moore)

Sweden: Radio Sweden has this new
English sked for May 5- Sept. 1:

To Europe
1100-1130 9630

1230-1300 9630

1600-1630 6065

2045-2115 6065

To Africa
1100-1130 21690

1830-1900 15240

To Far East
1230-1300 17840

2045-2115 11970

To East North America
1400-1430 17710

0030-0100 11805

0230-0300 11955 (all N.A.)

To South Asia
1400-1430 17770

To Middle East
1600-1630 15240

1830-1900 11790

To Australia/New Zealand
0230-0300 11940

(Kevin Szot, Radio Sweden)

Switzerland: SBC sends this new
English sked valid to November 2.

A new N.A. transmission at 1315
has been added.

To East N.A. & Central America
0145-0215 6120, 9535, 11715,
15305

To West N.A.
0430-0500 9725, 11715

To Far East & Australasia
0700-0730 9590, 11775, 15305,
17870

0900-0930 as above

To Africa
01100-1130 15305, 15430, 17795,
21520

02100-2130 11720, 11870, 15305,
15430

To North & Central America
01315-1345 15140

To Far East & Southeast Asia
01315-1345 15305, 17830, 17795,
21520

To Middle East & Africa
01530-1600 15430, 17830, 21520

(*) - also broadcast to Europe on
3985, 6165, 9535 omnidirectional.

(Chris Lobdell, Don Moore, Gus
Miller, Michael Stine, Jerry
Stuart)

That's that again, and thank you
for all the fine data received!

73, Mark WD4JKV

UTILITY REPORT



STEVEN J. HANDLER

1270 Carol Lane
Deerfield, IL 60015

Deadline: 13th of the month

Since no QSL report was printed for Utilities last month, we will do that first!

(QSLs)

- ALASKA:** Anchorage VOLMET KIS70 8905, sent full data letter, 3kW in 9 days for 10¢ stamp /s/Virgil J. Lamb, Facility Chief (Simon)
- ASCENSION ISLD:** sent folding map card C&W, 19870 ZBI94 in 7 months after reception, though only one month after report. Also returned full data PFC. /s/F.F.ELlick, Engineer-in-Charge. Sent ms. (Koret)
- AUSTRALIA:** AORTS-Eastern Terminal 17314 sent full data card from W.H.Cato, in 9½ months total, 1 month after follow up. VLN43, in contact with HMAS Supply (Koret)
- AZORES:** CUC27 San Miguel Radio, Ponta Delgada CPRM, sent PFC for PP report. 4 weeks for 2 IRC's. (Schilde)
- BERMUDA:** C&W Ltd 14360 sent full data PFC in 2 months for ms. /s/Engineer-in-Charge (Koret) ZFD48 C&W Ltd St Georges, 10385 sent PFC full data in 4 months air for 2 IR Cs. /s/S.B.Gavner (Chabak) USCG LORAN Monitor Station NOL 9278.5 full data PFC 650W /s/ETA F.A.Ford in 12 days, also sent long personal ltr. Address is via FPO New York 09560. (Simon)
- CAMEROON:** F.C.R.-Douala 9045 sent French ltr with frequency only in 2½ months (Fleming) TUF98 Societe Telecom Int'l-Douala sent form ltr for FF report and 2 IRCs. 6 months., (Schilde)
- CANADA:** Grindstone Radio VCN. Nice ltr QSL. Ltr describes QTH which is in the Magdalen Island Group in Quebec. Address is: Telecom Station Manager, Ministry of Transport, P.O. Box 234, Grindstone, Magdalen Island, P. Que, G7B 1B9. One month for Canadian ms on 2598. (Koret) VAI Marie Radio Station, Vancouver, address: Area Operations Supervisor, Vancouver Marine Radio, c/o Ministry of Transport, CAT, 739 West Hastings Street, Vancouver, B.C. V6C 1A2. Full data PFC for 10¢ ms (Canadian). No time or date on card (Hardester)
- CANAL ZONE:** Albrook AFB 8993 letter in 14 days, less time for 1 IRC. (Kelley)
- CANARY ISLAND:** EAT4 Tenerife Radio CTNE sent PFC for SS report. 6 months for 1 IRC/. (Schilde)
- CANTON ISLAND:** U.S. Air Force (AFCS) AGD40 7904 kHz, SSB to Honolulu, B&W AFCS card w/ date, time, freq., location, beam, call, & veri statement, /s/Robert C. Gray, rcvd via air in 14 days for ms. Address: CINCPACAF, DCOSA, APO San Francisco, CA 96553. (Griffith)
- CHAGOS ISLD:** US Navy MARS N0NRS Diego Garcia, 13975½ Khz, SSB, 2½kW to CA., full data PFC, and nice yellow & black station card w/shirt letter, /s/ETN2 John D. Iarribeau, rcvd via air for ms in 14 days. address: NMCB-4 ET Shop, FPO San Francisco, CA 96601. (Griffith)
- COLUMBIA:** Barranguilla Aeradio 6540 sent back PFC and letter apologizing for delay. 5 months for 1 IRC. (Fleming)
- CUBA:** IRTS-Habana 10784 kHz 70 days. (Kratter) any more details Julian?
- DAHOMY:** FCR-Contonou 4025 kHz, SSB, TYK40, 6kW to Abidjan, full data French PFC signed and stamped rcvd via air in 62 days for French rpt & 2 IRCs. Address: Cie France Cables Et Radio, Centre de Contonou, Le Chef de Centre, B.P. 355, Contonou, (Griffith)
- DENMARK:** Lyngby Radio OZZ6 12916½ Khz sent B&W tower card in 41 days for EE report and 2 IRCs. (Greenall)
- GIBRALTER:** Royal British Air Force 9032 kHz sent PFC full data in 2 months for IRCs. (Handler)
- GREECE:** Athinaí Radio SVA green card w/FD less time 8812 7kW /s/C.Fliagouras in 41 days for 2 IRCs (Simon)
- GUYANA:** C & W Ltd-Georgetown 10530 kHz folding card in 6 months via airmail from London. (report to Guyana) full data for 1 IRC. (Kelley) same 2 months (Fleming) 8RB47-10528 sent full data PFC and letter /s/F.G.Simons in 64 days for ms (Simon) 16454 C&W sent map folder type card QSL with full data showing C&W Gp branches on a world map. /s/J.Bino. 15 days for 2 IRCs & local postal card (Vogel)
- HAWAII:** WWVH card w/drawing of nature in 2wks air for no rp. (Moore) USCG Loran Stn French Frigate Shoals NRO4 4050 Khz full data PFC 1 KW /s/RN3 K.R.Schneider in 23 days for a SASE (Simon) address for NPM from Don Griffith is: Radio Transmitting Facility, US Naval Com Sta-NFM, Lualualei, FPO San Francisco, CA 96612.
- ICELAND:** PTT-Gufunes Telecommunications Center, Reykjavik 12175 kHz sent card w/picture and full data in 15 days air for 2 IRCs rp and EE rpt. /s/Lilja Karlsdottir (Mahoney)

IRELAND: Shannon Aeradio EIP, Shannon 13312 kHz sent card, tourist folder type w/full data in 11 days air for 2 IRCs rp. /s/B.H.Tremeray (Mahoney) same (Crawford)

ITALY: USCG Loran Stn NCI-Simairi Crichi 3625½ kHz, SSB, 600w PEP, full data PFC, /s/CWO3 Lav Amundson, rcvd via air in 40 days for ms (Griffith) same (Simon)

IVORY COAST: INTELGI 5260 frencg ltr w/date only in 3 wks, 1 IRC (Fleming)

JAMAICA: Kingston Aeradio 8959 full data ltr 1kW /s/L.A.Strybos, Operations Superintendent in 14 days air for 2 IRCs and PFC not used (Simon)

JAPAN: JOR-Nagasaki Radio Isahaya City 8523.4 Khz sent full data PFC in 101 days via air for EE report and 2 IRCs. (Hardester) same 13008 (Schilde) USCG Radio Stn-Kami Seya NRT 11606 kHz, 5kw /s/T.F.Fromm in 18 days, location given incorrectly, (Simon)

LAMPEDUSA: USCG Loran Stn NCI3 3625½ USB kHz, 1kW full data PFC /s/C.M.Cate in 27 days for ms (Simon)

LEBANON: Radio Orient 6797 kHz Beyrouth for FF rpt w/QLS ltr 1 month for 1 IRC (Schilde)

MALACASY REP: STIMAD-Tanarive 12230 for FF rpt sent QSL form ltr in 2 weeks for 2 IRCs. (Schilde)

MARIANAS ISLANDS: Department of the Interior, Saipan KUP71, 18075 kHz, SSB, 5 kw, full data PFC /s/John E. Welch, Chief Communications Division, rcvd via air in 25 days. (Griffith) address: Chief, Communications Division, Trust Territory of the Pacific Islands, Office of the High Commissioner, Capital Hill, Saipan, Marianas Islds 96950.

MAURITIUS: GZV-Royal Navy Wireless Station, Vacoas for EE report sent printed QSL card in 7 months for 2 IRCs. (Schilde)

NEW CALEDONIA: PFS-Noumea FZL75, 7560 kHz, SSB, no data FR letter rcvd direct from Noumea ffrom Noumea for direct report, /s/Le Chef de Centre via air in 13 days for ms. (Griffith) address: Postes et Telecommunications, Centre du Reseau General Radio-electrique, Direction des Services Radioelectrique, Noumea.

PORTUGAL: Lisbon Aeradio 7861 kHz, SSB, 1kW to N.Africa-Wx bc to aircraft in flight-not point to point full data PFC, rcvd via air in 42 days for 2 IRCs (Griffith) Ministerio des Comunicacoes, Direccao-Geral da Aeronautica Civil, Direccao dos Services, Tecnicos, Reparticao de ?euranca Aerea, Lisboa, Portugal.

PORT. TIMOR: CPMR (XXI30) 6893 kHz Dili sent ltr w/full data from Lisbon, included site in 6 months for 2 IRCs & EE rpt. (Greenall)

PUERTO RICO: San Juan Aeradio WWA3 5kw full data PFC /s/George E. Mayer, freq. is 8959 in 6 days for 10½ (Simon)

RYUKYU ISLDS: USCG Loran Stn-Gesashi NRT2 11606 kHz, 600w, full data PFC in 24 days for MS /s/CWO2 John W. Littleton Jr. (Simon)

SENEGAL: TELESENEGAL 9917 6VK49 20/6 kw to Conakry FF form ltr with all data less time. in 129 days for 2 IRCs and FF rpt (Simon)

SOUTH AFRICA: Capetown Radio ZSC 17304 khz full data PFC 5kw in 76 days for 2 IRCs (Simon)

ZUD-Olifantsfontein 25255 card, black and white map card of RSA in 1 year air f or 2 IRCs for Afrikaans report. (Mahoney)

SOUTH WEST AFRICA: Radio ZUN, full data letter with voice marker quoted in text and station info. 50 days air for 1 IRC (Kelley)

SPAIN: Pozuelo del Rey Radio EHY6 17321½ USB, full data ltr in SS, 5kW /s/M.Muro in 30 days for 2 IRCs (Simon) USCG Loran Stn AOB60 Estaca de Vares 3625½ USB, 1kW /s/W.Beasley, CO, in 31 days for ms (Simon)

THAILAND: USAF MARS AIBKO, KORAT RTAFB 16453½ kHz, SSB, 2kw, full data PFC /s/Chief Opr, rcvd via 1st class in 16 days (Griffith)

TOGO: FCR-Lome 10801 with 24 days air return for 2 IRCs for FF/EE rpt. vs-A.Meunier. (Chabak)

TURKEY: PTT-Ankara TA17 for EE rpt, 5 weeks for 2 IRCs, stamps, and post card, (Schilde) address: /s/Erol Aulic, Radio-link Engineer, Technical Dept; General Directorate of PTT, Ankara. Power is 4kw

ZAMBIA: Radio-Telephone Adm. 19430-Lubumbashi sent French ltr with inverted date and frequency in 1½ months (Fleming)

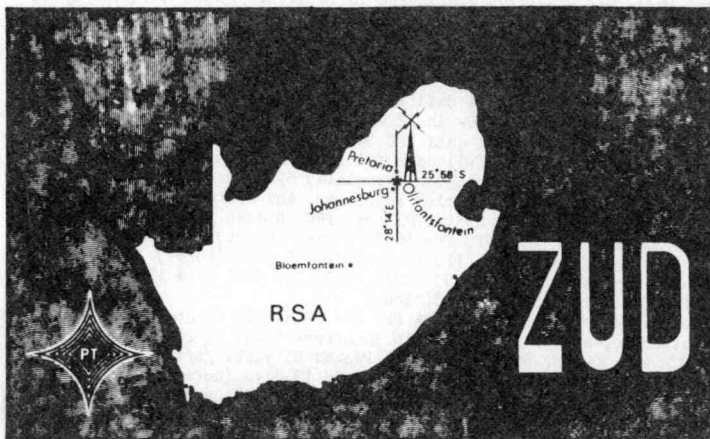
USA: *USCG Cutter Rush WHEC-723, 13126½ USB, 35' whip ant., 400w, PFC (Unknown)
 *USCG Cleveland, Ohio 2182 completed PFC 19 days no rp (Fleming)
 *Lawtana Radio WOE, Lake Worth, FL 6411.35 sent ltr in 8 days. (Hardester) ZIP-33462
 *NAM-US Navy, Norfolk, VA 5865 sent ltr with ack. only 21 days for ms. (Hardester)
 *USCG Cutter Salvia NODS 2686 pers. ltr. full data 15 days (Fleming)
 *USCG Fire Isld, NY 2182 PFC in 9 days. Pwr & antenna classified! (Fleming)
 *USCG Cutter Blackthorn NODJ PFC and beautiful CG Patch. /s/Larry Gansz who himself is a SWL. 50 watts in 12 days 2686. Via Mobile CC Base. (Koret)
 *Scripps Institution of Oceanography, La Jolla, CA WWD, 17408.6 SSB, 3kw full data PFC /s/Ron Thomson, Radio Egr, rcvd air 12 days. (Griffith) Address: Scripps Institution of Oceanography, Southwest Fisheries Center, 8604 La Jolla Shores Drive, P.O. Box 271, La Jolla, CA 92037
 *TRT-Telecommunications Corp., New Orleans, LA WKB30, 10470 kHz, FSK 1.5kw, rhombic to South America, xmtr at Slidell, LA full data PFC in 6 days. Note says 'we are in the process of dropping all of our point-to-point circuits' (Griffith) Address: TRT Telecommunications Corp., P.O. Drawer E, Pearl River, LA 70452

- USA: *USCG Air Stn-San Diego NO3 5696 USB full data PFC 35w /s/RM3 R.Galisbury in 9 days for SASE (Simon) that's 66 mpw (miles per watt)
- *Raspberry Miramar-San Diego, CA 6723 SSB monopole ant, 2kW NAS (Unknown)
- *USCG Com. Sta. NMI-FortSmith, VA 2670, longwire ant., 200watts PFC (Unknown)
- *Coastal Radio Stn KLB-Harryville, WA PFC in 10 days. 3.5kW 6411 (Hardester)
- *WCC-AT&T card w/date only (wrong one at that) in 9 days for ms (moore)
- *USCG Cutter Reliance NJFJ PFC 2686 500w, WHEC-615 /s/Richard Roberts RMI in 11 days. QTH was 28-37N, 94-27W (Simon)
- *USCG Atlantic Beach, NY NMY46 PFC 25w, 5 days for SASE /s/Ralph Liske (Simon)
- *USCG Block Isld, RI NMF28 full data PFC 30 watts in 7 days (Simon)
- *USCG Baltimore, MD NIX PFC 500w in 22 days /s/RM James Phillips (Simon)
- *USCG Fire Isld, NY NMY25 full data PFC 34w in 6 days (Simon)
- *USCG Point Judith, RI NMF36 full data PFC 100w, 2694 in 5 days (Simon)
- *KKN50-US Dept. of State-Washington (Virginia) 6926 kHz sent pers. ltr in 3 weeks for a cw logging. English Report, ms, and address label. (D'Adolf)
- *USCG Cutter Point Highland NWN0 2702 sent PFC 10 days. (Koret)
- *USCG Air Stn-Astoria sent PFC for 5692, 9 days (Koret)
- *USCG Cutter Point Brown sent PFC for 2702 in 10 days (Koret)
- *USCG Loran Stn-Carolina Beach, NC NMF73 9278 1/2 USB full data PFC 600w in 12 days for SASE. /s/I.E.Dean CWO3 (Simon)
- *USCG Cutter Verbena NODF full data PFC 40w 2702 with Oregon Inlet CG. 7 days (Simon)
- *USCG Cutter Dependable NOWK PFC with incorrect freq. as 2671.4 rather than 2699 500w QTH was 30-02N, 88-09W, based at Panama City, FL. /s/Valdez Rul 10 days (Simon)
- *USCG Cove Point Light NMF5 2182 sent PFC in 12 days (Koret)
- *USS Laffey (Destroyer), NTH1 2182 PFC in 12 days. QTH 38-06N/76-30W (Koret)
- *USS Seattle (Fast Combat Support Ship) NAEN 2716 PFC in 12 days. (Koret)
- *USCG Cutter Primrose NREG 2702 sent PFC 25 days. (Koret)
- *KLC-Galveston Radio 13038 kHz 2 1/2 kW PFC and pers. ltr in 8 days /s/T.C.Calvit, Assistant Stn Mgr. (Greenall)
- *USCG Group Buffalo, NY NMD47 PFC 100w, 8 days (Simon)
- *USCG Shinnecock, NY NMY41 PFC 125w, 4 days (Simon)
- *USCG COM STA-New Orleans, LA NRE 2699 PFC 8kw with Cutter Dependable NOWK, /s/G.K.Lambert (Simon)
- *USCG Air Stn-Astoria NMF51 PFC, 1kW 5692, /s/CWO W.Saunders, 8 days (Simon)
- *USCG Radio Stn-NHC San Francisco 13124.4 kHz, hor. log periodic ant., PFC (Uakn)
- *USCG Dahlgren, VA NMY74 PFC 75w, 6 days (Simon)
- *USCG Piney Point, MD NMF32 PFC 25w in contact w/USS Laffey 10 days (Simon)
- *USCG Rochester, NY NMF7 PFC 13 days, /s/Thomas Stevely (Simon) what is the wpm?
- *USCG Shark River, NJ NMY53 PFC 85w, /s/J.W.Kleig in 5 days (Simon)
- *US NAVY MARS NMRRI Port Hueneme, CA 13227 1/2 SSB, 1kW full data PFC, MARS Director, 11 days, station is at the Seabee Base (Griffith) Address: Camarillo, CA 93010
- *USCG Loran Stn-NMF73 Carolina Beach, NC 11514.4 kHz, 600w, SSB, PFC, 4 days (Griffith) address: USCG Loran Transmitting Stn, P.O. Box 188, Carolina Beh, NC 28428
- *USCG Loran Station NMF32-Siasconset, MA 9278 1/2 kHz, SSB, 750w, PFC, 3 months, /s/Ed Stewart Jr. (Griffith) Address: USCG Loran A/C Stn, Nantucket Isld, Siasconset, MASS. 02564
- *USCG Cutter Therikee 2676.4 MHz PFC 21 days (Koret)
- *USCG Cutter Reliance 2686 NJFJ PFC 13 days for MS. QTH 28-37N/94-27W (Koret)
- *USCG Cutter Hollyhock NAXT 2676 PFC and photo of Cutler. QTH 24-21N/76-01W (Koret)
- *AT&T NYC 10515 2 months (Kratler)
- *US NAVY AIR STN-Jacksonville, FL 6723, SSB, conical monopole, 1kw (Unknown)
- *KLM-San Francisco, 2456 PFC full data PFC for sp. (Hardester)
- *USS Laffey NTH1 (Destroyer) PFC 100w /QTH-38-01N/76-20W 12 days PFC NY 09501 (Simon)
- *Loring, AFB, ME PFC 3kW 8989 in 10 days (Simon)
- *McClellan AFB, CA 8989 SMI USAF card. all data less date/ 23 days (Simon)

Addresses: Liberian Telecom Authority F.U.A.; Telecommunications Bldg; Lynch St; Monrovia, Liberia
 France Cables et Radio, Monrovia Station, Nelson Street, P.O.Box 111, Monrovia, Liberia
 Le Chef De Centre Exploitation, Centre Radioelectrique, B.P. 604, Pointe-de-France, Martinique
 France Cables et Radio, Centre de Niamey, B.P. 616, Niamey, Niger
 Radio ZUD-Regional Director, S.F.C., Office of Posts & Telegraphes, P.O. Box 297, Windhoek, 9100, South West Africa

Due to several reasons no loggings will be listed this month. Instead, several QSLs are shown. These are in answer to numerous requests for UTE QSL Photos.

73's *Steve*



CONFIRMATION OF RECEPTION OF ENIWETOK LORAN

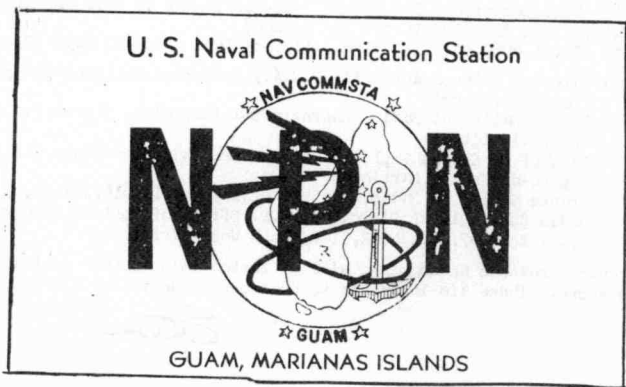
DATE OF RECEPTION 11 NOV 73 TIME 0631 Z

FREQUENCY 4050 kHz MODE A3I POWER 10 w

REMARKS/OTHER:

SIGNED/STAMPED BY J. M. Smith
 J. M. SMITH, LTJG, USCG

TITLE COMMANDING OFFICER
USCG Loran Station
APO San Francisco, Ca.
96333





SUIDWES-AFRIKA – SOUTH WEST AFRICA

KANTOOR VAN DIE **EERSTE INGENIEUR**
OFFICE OF THE **PRINCIPAL ENGINEER**

~~REPUBLIC OF SOUTHWEST AFRICA~~ VAN POS- EN- TELEGRAAFWESE, S.W.A.
~~REPUBLIC OF SOUTHWEST AFRICA~~ OF POSTS AND TELEGRAPHS, S.W.A.

Postbus / P. O. Box ~~222~~ 297
WINDHOEK
9100

1 FEBRUARY 1974

Mr. Eugene Kelly
2539 Waneta Drive
Sarasota
FLORIDA
33581
U.S.A.

Dear Sir,

This is to verify your reception of our radio transmission on the 21.1.1974 at 0312-0440 G.M.T.

For your information the following details:-

Call Sign:-	ZUN.
Frequency:-	5876 kHz.
Mode:-	1.S.B. (A3a) Lincompex, 4 channel telephony.
Radiated RF. Power:-	3 kW P.E.P.
Aerial:-	Stacked Rhombic.
Beam Direction:-	Windhoek - Pretoria.
Purpose of Station:-	G.P.O. Communications.
Test tape announcement:-	"This is a test transmission of radio ZUN, a radio station of the South West Africa Post Office in Windhoek. This transmission is for identification and receiver line-up. For stations scheduled to operate a service with radio ZUN."

This announcement was repeated continuously in English, Afrikaans and German.

For your information English and Afrikaans are the two official languages in this country.

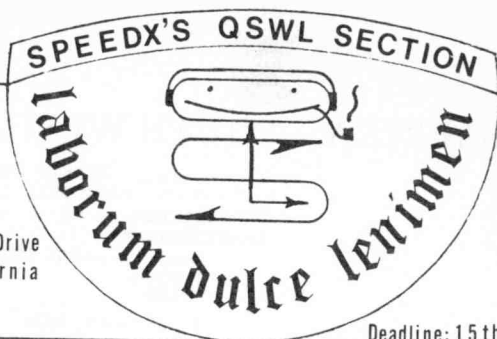
Thanking you for your interest and report.

Yours faithfully,

P. Smith
/ REGIONAL DIRECTOR; SOUTH WEST AFRICA (E.S.A.)
(~~Engineer~~)
R

EDITOR:

Doug Snyder
1310 Woodmont Drive
San Jose, California
95118



SPEEDX
Countries
Verified
1974

147

Deadline: 15th of the month

PREVIEW

!enoyreve sgniteerG. Another tremendous month, needless to say. I have many thanks to hand out, but I don't hand them out lightly! Let me start with the 47 reporters this month-thanks! Welcome to new reporters Earl Chapman, Lois McLain, and Kevin Suddick. Mighty glad to hear from all of you. I did a little checking back and I want to thank very much the following five SPEEDX'ers for sending reports to me every month since I became QSWL Editor, which was nine months ago: Bill Cleveland, Henry DuRant, Al Mayer, Gus Miller and Frank Testa. You gentlemen have contributed greatly to the success of this column even before I became editor and I hope that I will continue to have the honor of reporting your verifications, even the crummy ones!(hi)

On another subject, I have received several broadcast band QSWL reports and as much as I would like to use them, SPEEDX is strictly shortwave and if I made an exception, where would the exceptions end?

The support I have received for the QSWL'idea is fantastic. I really do believe that it is more 'symbolic' to us shortwave dx'ers than QSL. Now if we could only convince some radio stations....

Before I get into the reports, I have a couple of address changes: Radio Nacional de Brasilia, Caixa Postal 07/0173, 70.000 Brasilia D.F., Brazil.

This next address is sent to us by Bill Cleveland, who recently received a verification from this beauty: it is reported in WRTVH74 as R. Pemerintah Daerah Kabupaten (5560kHz)(Indonesia); but the QSWL says R. Khusus Pemerintah Daerah (RKPD) and the address is: Propinsi Jawa Timur, Jalan Pahlawan No.18, Surabaya, Indonesia. Thanks again William.

Looking at the volume of superb QSWL's this month, I decided to throw them all away. In their place, I have substituted excerpt's from 'The Sensuous DX'er' authored by A. Fool.

On the funny side, Asia has graced Dan Henderson with verifications from the People's Liberation Army station in Foochow, China and Radio Sanaa in the Yeman Arab Republic. Next door, the Yeman Democratic People's Republic, also known as Aden has sent a QSWL to Tom Gavaras. Outstanding, guys! Of course, to pull my own chain, I QSWL'ed AFNT, Taiwan and ORTF, Afars & Issas, which made me a little happier. We also have reports from RAI Sicily and Radio Liberty in Munich. Another big surprize is Jeff Hambright's QSWL from Radiodiffusion du Niger, the first report from there in quite a while. There are several reports from the Angolans and the first report this year from Botswana, received by Tom Gavaras. And let's not forget the South Americans, by golly.

And now that I have almost blown this whole page, what else can I throw in? Oh yah, thanks to all who cut up their reports into separate slips. It does make things easier, believe me. And new QSWL reporting forms have been printed up. Order from headquarters in Elsinore.

The mailman just arrived and I received many more reports, but no new QSWL's for me. Boo.

Clandestine

- RADIO ESPANA INDEPENENTE, 12140; Paris postmark, card w/ Picasso painting in 155d Air, 2IRC, SS rpt. (GIANNINI IL)
- RADIO EUZKADI, 12080; French postmark, Map card in 147d air, 1 IRC, EE rpt. (Gavaras MN) 13080; F/data card in 105d air, FF rpt, 3IRC. (HENDERSON MD)
- RADIO LIBERTACAO, 6240; FF ltr in 73d air for 3IRC & FF/EE rpt. Also rec'd literature and card. (GAVARAS MN)

I stand corrected - it is spelled Independiente, not Indepente. Has anyone out there received a pennant from The Voice of the Philippines after sending in the questionnaire? No Luck here. Has anyone ever received a full data pennant? Believe it or not, the Europe reports start on the next page.

GOOD NEWS

MASSACHUSETTS: Radio Maternity 74, 5/1/74; Full data bundle of joy in 9 months; arrived by Registered stork, postage due for 8 lbs 9 oz.; QSWL Signer: Kristi Smith. My most prized QSWL! (MR & MRS WADE SMITH MA)

EUROPE

- ALBANIA: R. Tirana, 7300; Thin paper folding card w/ illegible f/data + sked, magazine & mimeo ltr in 124d S. for 2IRC, EE rpt. (SNYDER CA)
- AUSTRIA: ORF, 6155; F/data "Burg Forchtenstein" castle card by air in 17dA; 1IRC (LOBDELL MA) F/data card, 39d A., no rp; note saying no pennants available. (SMITH TN) "Europe Bridge" card for rpt. of test program in 21d and no rp. (RADTKE CA) 15335; F/data "Attersee in Salzkammergut" card + sked & lots of tourist info in 25d A, no rp. (CARRICK MD) Steiermark Mitterndorf, Thermalbad card in 32d A, no rp; also rec'd sked. (VOGEL PA)
- BELGIUM: ORU, 6055; Map card w/f/data + 'new' pennant & sked in 40d S. for 2IRC, EE rpt. (PASCHKE WI) Map card, 24d A, no rp. (SUDDICK MI) 27460; Map card in 77d A., no rp, EE rpt. (TRUBEE HI)
- DENMARK: R. Denmark, 15165; Radio House Tower card w/f/data by air in 63d for 40 ØRE (Danish coin) & used US stamps; EE rpt. (HAMBRIGHT NJ)
- FINLAND: R. Finland, 15185; Spring In Finland card w/f/data + antenna info & great circle map + sked in 15d A. for 2IRC, EE rpt. (CHAPMAN PA) Same card, full data, 17d A., no rp. Also rec'd G.C. map. (SMITH TN)
- FRANCE: ORTF, 7135; B&W ORTF Building card w/wrong freq. in 42d S. for no rp, FF rpt, using SPEEDX form. (MEEHAN CA) 9680; Same, 11dA, 2IRC (ZVONE CA)
- GERMANY (DEM. REP.): RBI, 9730; F/data colorful painting of children "Dancing in a ring" in 49d S., no rp; also rec'd RBI Journal. (CARRICK MD)
- GERMANY (FED. REP.): DW, 6010; F/data circle card, 230d for EE rpt, no rp. (BUTLER VA) 6040; F/data circle card, 74d A., 2IRC (CHAPMAN PA) Card w/"Official emblem of the 1974 Football World Cup" + personal ltr, beautiful blue pennant, skeds, questionnaire, 2 books, nxpaper; in 64d A., 2IRC, EE rpt. V/s: G.G. Thiele. (SIGEL IA) 6100; F/data World Cup card in 18d A., no rp. (SCHWARTZ) 9545; Circle card, pennant & mag in 289d A., no rp. (T. SMITH FL) 9690; World Cup card & mag in 91d A., no rp; V/s: T. Mele (T. SMITH FL) 9670; White EDXC card in 12d S., 2IRC (CRAWFORD SCOT.) Oops, this last card is not DW, but what?
- Radio Liberty, Munich, 15340; F/d card w/antenna, microphone and map outline of USSR; card is very similar to, ah shoot, no its not. Well, anyway, in 16d A., no rp. (GIANNINI IL)
- GREAT BRITAIN: BBC, 9510; 15260; 2 no-data Thames card in 21 & 90d A., 2IRC each, also rec'd skeds. (SIGEL IA)
- GREECE: HNIB, 9520; F/data White card + ltr & sked in 52d A, 3IRC, EE rpt & tape. V/s: A. Casmias (GAVARAS MN)
- HOLLAND: R. Nederland, 11730; Autographed card w/photo of DX Juke Box team + radio component course in 16d A., no rp. (MILLER CA) Royal Family cards (3) 10d, @2IRC each. (TESTAS' MA)
- HUNGARY: R. Budapest, 9833; Purple Building card + sked in 35d S., no rp. V/s: Mari Söter. (CRAWFORD SCOT.) F/data card w/photos of Budapest + pennant, sked in 35d A., no rp. (MOORE PA)
- ITALY: RAI, 6060; F/data card w/painting in 60d for no rp & used US stamps Definitely though this was Caltanissetta at 0130 GMT, but card distinctly says "Roma OC", and explains; Rome Short Waves. (HAMBRIGHT NJ) F/data art card in 110d S., 1 IRC, (MAYER IL) 9575; Amore E Psiche painting card in 60d A., no rp (RADTKE CA) La Partenza di Tobiola painting card in 95d for EE rpt and no rp. (BUTLER VA)
- LITHUANIAN SSR: R. Vilnius, 9685; Card w/potted tree or flowers with Lietuvos Radijas printed on it; in 120d S., 2 IRC. (VOGEL PA) 7245; Same F/data card in 112d S., no rp. EE rpt. (CARRICK MD)

RADIO
DENMARK



"laborum dulce lenimen" - The sweet solace of our labors.

LUXEMBOURG: R. Luxembourg, 6090; F/data card w/Antenna towers in B&W and crest in color; in 51d S., 2IRC, EE rpt.(CHAPMAN PA) 15350; Same card, 50d A., 1 IRC, EE rpt.(BODELL OR) Same, 24d 1 IRC, EE rpt. (MOSMAN IL)

MONACO: TWR, 7105; Antenna card w/f/data in 88d A., 3IRC, EE rpt.(GAVARAS MN) 9525; Same, 80d S., no rp.(CRAWFORD SCOT.) 11850; F/data card w/ B&W photo of Monte Carlo in 136d A., used MS(mint stamps), EE rpt.(DURAND THAILAND)

NORWAY: R. Norway, 6185; Mountain village by a lake card + flag & sked in 17d A., 2IRC. V/s: E. Thodle.(COLE MI) 15175; Spring In Norway card + sked and nx ltr; in 19d, no rp.(RADTKE CA) 17825; Same, F/data, 78d S.(MOORE PA)

PORTUGAL: R. Portugal, 6025; F/data beautiful 'Explorer' map card + mag. in 18d for 3IRC, EE rpt.(SIGEL IA) 11935; Same card, 60d S., no rp.(CHAFFIN CAMER.) IBRA Radio, 9670; Globe & Cross card, 31d A, 1IRC, EE rpt.(GAVARAS MN) Voice Of Hope, Sines, 9670; F/data Antenna card + pennant in 25d for no rp.(CRAWFORD SCOT.) Same, 35d, 2IRC; station requests that reports be sent to address listed in WRTVH74, pg. 34, in Portugal.(LOBDELL MA)

ROMANIA: R. Bucharest, 9570; R.B. House card, 90d, f/data, no rp.(VOCKEROTH) 15250; Romanian ceramics card in 45d S., no rp.(CRAWFORD SCOT.)

RSFSR (EUROPEAN): R. Moscow, 7200; Green circle card, 30d air. Site is Armavir (CARRICK MD) RM, Zhigulevsk, 7250; F/data RM card in 39d A, norp(SIMON NY)

SICILY: RAI, Caltanissetta, 6060; F/data Art card, 77d S., 1IRC, EE rpt. (MAYER IL) Same, 107d A, 1IRC.(GAVARAS MN) Same, 45d, no rp.(FLEMING NY)

SPAIN: RNE, 6065; Card, f/data, w/pix of control room in 46d A, no rp., EE rpt.(CHAPMAN PA); B&W Antenna card in 49d S, no rp.; f/data.(VECCHIOLA PA) Same card + sked, personal ltr, pennant in 17d A, 3IRC. (SIGEL IA) Radio Liberty, Pals, 9680; F/data folder card w/B&W pix of towers in 6d S; sent a time, but was returned; EE rpt. (SMITH TN)

SWEDEN: R. Sweden, 17710; Map card, f/data, 12d A, no rp; sked. (SMITH TN)

SWITZERLAND: SBC, 6120; Card w/pix of Swiss tourist office + sked, mags, in 21d A, 1 IRC.(GECKLE MD) 11715; B&W PC of "Southern Flora at Maggiore, Ticino" in 14d A, 2 IRC, EE rpt.(SIGEL IA)

UKRAINIAN SSR: R. Moscow, Vinnitsa, 5940; Red & blue card w/flags of various SSR's + small red pennant(what other color would one expect? -ds)(CARRICK)

USSR (no site): R. Moscow, 7350; Card in 29d, no rp.(TESTAS MA) R. Kiev, 11900; Map card, 60d surface.(SUDDICK MI) R. St. Peace & Progress, 11900; Blue full data card, 88d; f/d.(BUTLER VA)

VATICAN: Vatican Radio, 5995; F/data PC of x'mitter building in 52d S., no rp., EE rpt.(MOORE PA) Color PC of Vatican Radio Offices + book on V.R.; in 29d A, 3 IRC, EE rpt.(SIGEL IA)

YUGOSLAVIA: R. Beograd, 6100; F/data folder card + calendar in 93d A, 1 IRC EE rpt.(SMITH TN) Same card, 69d A, 3 IRC, EE rpt.; also rec'd sked(SNYDER)

—AFRICA—

AFARS & ISSAS: ORTF, Djibouti, 4780; Simple folding card w/date, time only on back of card; in 21d A for FF rpt., 3 IRC.; Pwr= 4 KW. (SNYDER CA)

ALGERIA: RTVA, 17880; Card w/'divers' where time should be indicated; freq, date only, for EE rpt & 2IRC in 120d.(HAMBRIGHT NJ)

ANGOLA: R. Commercial de Angola, Sa Da Bandeira, 4795; sent new card, with a comical lion on cover w/f/data in EE, in 105d for NSWA PP rpt; by air for MS. (HENDERSON MD) R. Clube do Lobito, 4937; Card w/B&W jungle scene w/veri statement & date only; in 80d A for 2IRC, EE rpt.(MAYER IL) Radio Ecclesia, 4985; rec'd PP ltr w/veri statement from V/s: Ana Maria. In 120d for EE rpt, MS after f/up. Total 180d.(YAMRON PA) 7215; PP form letter in 32Mo. for MS.(SPARKS CA) Vox de Angola, Luanda, 9660; Beautiful Beach card in 27d A, F/data, EE rpt.(GAVARAS MN)

AZORES: Emisora Regional dos Acores, S. Miguel, 4865; SHp card in 64d, 1 IRC, EE rpt.(GAVARAS MN)

BOTSWANA: R. Botswana 4845; Flower card in 197d A, for 1IRC; V/s: Phil Johnson. (GAVARAS MN)

CAPE VERDE ISLANDS: R. Clube Cabo Verde, 3985; Green QSL w/CR4AA, 77d A, 1 IRC. CHAD: Radiodiff. Nationale Tchadienne, 4904.5; F/data card in 90d for EE rpt, 3IRC, address label, which was used.(d'ADOLF ND) Same, FF rpt.(WHITEHEAD)

ETHIOPIA: ETLF, 7165; F/data blue card, 65d A, 1 IRC (BODELL OR) 11960; Blue card in 76d A, 1 IRC, EE rpt.; V/s: Eliane Mbodwam(Mrs) (WICKETT MD)



STATION DE DJIBOUTI

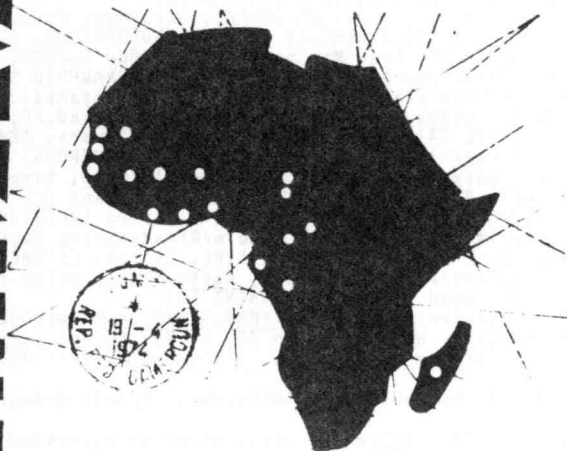
T. F. A. I.

Make HAP happy - buy a patch

GABON: R. TV Gabonaise, 4830; F/data FF ltr w/pwr (20kw) in 30d for MS & NASWA FF report. (HENDERSON MD)



DOUALA CAMEROUN



I am including this R. Douala QSWL at this point because of the great similarity between it and the QSWL from Gabon. They are identical but for the station name and possibly the color. The copy above was from the collection of David Chaffin and the Gabon QSWL, which would not show up too well was sent in by Lois McLain. Thanks to both.

IVORY COAST: RTVI, 11920; B&W map card, 39d A, 1IRC, EE/FF rpt (GAVARAS MN)
MALAWI: MBC, Blantyre, 3380; f/data long ltr w/sked on ltr; in 52d A, no rp sent. (GIANNINI IL)
MOZAMBIQUE: R.C.M., 11780; Studio card w/date, freq in 18d A, 2IRC, EE rpt. (McLAIN CA) Same, 21d, 2IRC, Gilfer form. (W. SMITH MA)
NIGER: R. diff du Niger, 5020; 'Ici Niamey' card w/no data in 21d for 1 hell of a FF rpt, MS, PC, & U.S. stamps. Also rec'd sked. (HAMBRIGHT NJ)
NIGERIA: R. Nigeria, Sogunle, 4990; flag card w/f/data in 27d A, no rp, EE rpt. (STINE MD) 6025, Enugu; Same, 43d A, no rp. (CARRICK MD)
 NBC, Ibadan, 3204; Card w/f/data except time in 15d, no rp (HAMBRIGHT NJ)
 NBC, Sokoto, 6195; Ltr. w/no time in 21d, no rp. (HAMBRIGHT NJ)
RWANDA: DW, Kigali, 15380; Afrika map card, f/data in 133d A, no rp (BODELL OR)
SENEGAL: R. diff. du Senegal, 7210; Banjo card, 127d A, 3IRC, tape. (GAVARAS MN)
SOUTH AFRICA: RSA, 9695; Cullinan Diamond card + pennant in 18d, 2IRC; f/data. (COLE MI) Blue card w/'globe' & stylistic version of outer space in 25d for 2IRC. V/s: T. van Heerden. (SIGEL IA) Leopard w/kill card in 21d, no rp. (VOGEL PA) 11970; Beautiful Tiger-Springbok card, 12d A, no rp. (MILLER CA)
ZAMBIA: ZBS, Lusaka, 3346; F/data white card, 36d A, 1IRC, EE rpt. (GAVARAS MN) 11850; Same, 39d A, no rp. V/s: K.K. Saddi C.E. (GIANNINI IL)

ASIA

AFGHANISTAN: R. Afghanistan, Kabul, 15195; sent flag/Buddah/map card w/full data on reverse by air in 35d; 2IRC & tape by reg. mail. (LOBDELL MA)
BURMA: BBS, 5040; F/data white card, 56d A for 3IRC, EE rpt. (GAVARAS MN)
CHINA (PEOPLES REP): Peoples Liberation Army, Foochow, Fukien Front, 3200; Ltr. in Chinese w/f/data in 40d A, EE rpt., 3IRC (HENDERSON MD)
 R. Peking, 9780; 'Night cruise thru the Yangtze Gorge' card w/no time in 31d, no rp. Also rec'd pennant. (CARRICK MD) 11685; card, 35d, no rp. (WICKETT MD) 11965; 'Fisherfolk Woodcutting' card w/no time + sked, ltr. & calendars in 30d Air. (SIGEL IA)
CHINA (REP.): VOFC, Taipei, 17720; 'Water Birds in Moonlight' card + sked by air in 31d, no rp. (RADTKE CA)
 Armed Forces Network Taiwan, 3990; F/data card w/symbol of AFNT in 10d air for no rp, EE rpt.; PWR = 1000W; my lowest pwr. Asian. (SNYDER CA)
IRAN: V. of Iran, 9022; large f/data card w/x'mitter building + PC & pennant in 70d A, 1IRC, EE rpt. (CARRICK MD)

INDONESIA: RRI Semarang, Java, 3935; II ltr, 20d, MS.; V/s: Rachmat Bowosoeharto. (SPARKS CA)
 RRI Medan, Sumatra, 4765; new RRI card w/f/data in EE + very nice ltr. from V/s: Anwar Sr, Chief of RRI Nusantara III, Medan; 4IRC, EE rpt (SNYDER)
 RRI Yogyakarta, Java, 5047; old RRI card w/f/data in 98d A for II rpt & MS. V/s: Mrs. Roekmi Sutadi. (YAMRON PA)
 R. Khusus Pemerintah Daerah (RKPD), Surabaya, Java, 5560; II ltr, no data; 350Watt; in 62d A, 3IRC, II rpt. V/s: SOEHARTONO. (CLEVELAND CA)
IRAQ: R. Baghdad, 9745; Iraq map card, f/data, 86d S, 2IRC, EE rpt (PASCHKE WI)
ISRAEL: IBA, 7095; Menorah card, 42d A, no rp. (CRAWFORD SCOT.) 9785; Same card + sked & used stamps; in 77d A, no rp (PC&stamps). (MOORE PA)
JAPAN: R. Japan, 5990; in 10d A, 'Yakko' card + sked, PC, pennant (nice one) for no rp. (SIGEL IA) 11815; 'Field Card' w/flowers, 18d A, (MILLER CA) 15105; Yakko card in 25d A, no rp. (CHAFFIN CAMEROON) 15195; Yakko card w/date, freq. only in 9d, no rp. (BODELL OR) 15270; Same card, f/data in 14d; also rec'd R.J. news. (COLE MI) Same, + pennant for 20 day report, in 10d, no rp (VOGEL PA) 15445; Same, 30d A, no rp. (WHITEHEAD MA)
KUWAIT: R. Kuwait, 15415; F/data card w/Broadcasting House drawing in 33d A, no rp. (BODELL OR) Same, 23d A, 1IRC, EE rpt. (STINE MD)
MALAYSIA: R. Malaysia, Kuala Lumpur, 4845; f/data color folder card in 115d A, no rp, used stamps. (GIANNINI IL)
PAKISTAN: R. Pakistan, 7080, 9460, 11885, 17830; acknowledgement of receipt of reception reports; no details; in 22d A, MS, EE rpt.; try again (DURANT TH.)
PHILIPPINES: V. of the Philippines, 9570; Red card in 450d, 300 after f/up. (NEBRON CA)
RSFSR (ASIATIC): R. Moscow, 11850, Vladivostok; F/data orange map card, 34d. (McLAIN CA)
SAUDI ARABIA: BSKSA, 6080; White card, green tree, crossed swords, 55d S by registered mail; no rp, EE rpt (GIANNINI IL) 9585; Same, 59d, 1IRC (GAVARAS MN)
SRI LANKA: VOA Colombo, 15230; Antenna card, no date, 6d S, no rp (MOORE PA)
TURKEY: V. of Turkey, 11880; F/data Topkapi Harem card w/sked by air, 24d for 2IRC. (LOBDELL MA) Same, * pennant. (VOGEL PA) Same, 55d S, no rp (CRAWFORD)
VIETNAM (DEM. REP.): V. of Vietnam, Hanoi, 10040; F/data VOV form ltr in 140c Surface, no rp; also rec'd greeting card & Vietnam Courier. (BODELL OR)
 Large white card, f/data in 93d S, no rp, EE rpt. (SNYDER)

MR DOUG SNYDER

U.S.A.

THE VOICE OF VIETNAM

58 Quan Su Street
HANOI

Democratic Republic of Vietnam

Date 10/3/74

VERIFICATION

Thank you for your report of reception

at 13.00 GMT ON 9/2/74

on 10.040KC/S

All details check with our log.

Regular reception reports with detailed remarks and suggestions on programming and technical matters are highly appreciated.

Enclosed are PROGRAMME SCHEDULE

Yours faithfully
THE VOICE OF VIETNAM,

FOREIGN LANGUAGES TRANSMISSIONS

YEMAN ARAB REPUBLIC: R. Sanaa, 5804; returned prepared card for IRCs and EE rpt. My 190th VIC! (HENDERSON MD) Nice catch, Dan! I'm waiting on 191!
YEMEN DEMOCRATIC REPUBLIC: The Yemen Broadcasting Service, Aden, 5060; Pink card in EE in 37d A for EE/AA rpt, 3IRC, stamps & \$1.00.; PWR = 71/2 KW; V/s: R.M. Ahmed. (GAVARAS MN) Covered all bases, didn't ya Tom? Great!

- AUSTRALIA: R. Australia, 9540; F/data Gippsland Waratah (Wildflower Series) card in 75d.(GAEDE CA) 9570; F/data Kangaroo-Paw flower card in 90d for no rp.(BUTLER VA) 9580; Golden Wattle flower card in 114d S., no rp. (CARRICK MD) Sydney Opera House card in 126d S., no rp.(MOORE PA) F/data full color Lambs Tails wildflower card + much travel info in 21d A., for 2IRC. V/s: Simone Cheloyeh. (SIGEL IA) Drooping Mistletoe wildflower card in 16d A., 2IRC.(TRZASKUS IL) 11765; Grey Bush-Pea Wildflower card + pgm sked & personal ltr. from Peter Homfray wishing much success to HAP program in 1974.(SCHNEIDER CA) Right On! 11840; eight different wildflower caerds in 90d S.(MILLER CA) 3 cards, 95d S, no rp.(WICKETT MD) A.B.C., Perth, 9610; F/data blue map card of western Australia by air in 72d for 2IRC.)(COLE MI) A.B.C.,Brisbane,4920; f/d card w/map of Queensland;21d A, no rp.(SCHWARTZ) ABC,Sydney,6090;Black/blue map card,f/d.,18d A., no rp.(REDMAN IL) ABC,Perth,6140; f/d West.Australia card, 49d,2IRC,used stamps(HAMBRIGHT) ABC,Melbourne,6150;F/d map card, 210d for 2IRC(HAMBRIGHT NJ) ABC, Melbourne,9680; Same map card,f/data, 150d, 2IRC (HAMBRIGHT NJ) VNG,Lyndhurst, 4500;F/data folder card,16d A.,no rp. (BODELL OR)Time st.
- BOUGAINVILLE: R. Bougainville, Kieta, 3322.5; Large folding data sheet w/map of Oceania & Papua-New Guinea w/sked of most PNG SW stations; in 23d A., for 3 IRC, EE rpt. (SNYDER CA)
- NEW CALEDONIA: R. Noumea (ORTF), 7170;B&W map card w/f/data except freq. in 35d for FF rpt & 2 IRC's. (SIMON NY)
- PAPUA NEW GUINEA: R. Southern Highlands, Mendi, 3275; folder card, 17d(SPARKS) R. Madang, 3260; PNG folder card w/f/data in 21d, 3IRC,addr.label(d'ADOLF)
- NEW ZEALAND: R.N.Z., 9520; Globe card w/date,freq for a reception I never heard! Card is dated July 4,1974, and was mailed Feb.12,74.Very Strange. (HAMBRIGHT NJ) Be sure to tune in on July 4th, Jeff.Then it will be official.

SOUTH AMERICA

- ARGENTINA: R.A.E., 9690; F/data globe card in 87d 2IRC, EE rpt.(MOSMAN IL) Same card, 28d A, 1IRC, EE rpt.(SUDDICK MI) 11710; Same globe card in 88d for EE rpt, no rp.(BUTLER VA) Same,60d,SS rpt,MS. (GECKLE MD)
- BOLIVIA: La Cruz del Sur, 4875; Mount Illimani, llama, & Puerta Del Sol cartoon card, EE ltr. & blue,red & white pennant in 215d A., for MS, SS rpt. V/s: Rev. Augusto Clavijo, Dir. Gen. (WHITEHEAD MA) Same, w/freq only in 120d, SSrpt., MS.(d'ADOLF ND) Same, 150d after f/up. (YAMRON PA)
- BRAZIL: R. Nacional de Brasilia, 11720; In 40d A., no rp, a pennant and card showing night view of Congresso Palacio Dos Arcos. (CRAWFORD SCOT.) 15445; Color PC of Skyline + pennant in 28d A., 1IRC, EE rpt. (VECCHIOLA PA) R. Clube de Pernambuco, 11865; '50 ANOS' card w/veri statement in PP by air w/sticker in 42d. PP rpt,tape, MS. (LOBDELL MA)
- CHILE: R. Nacional de Chile, 15150; Color PC w/f/data in SS + info sheet in 21d A., no rp, SS rpt.(CHAPMAN PA) Card w/'Plaza De Osorno' w/f/data in 25d A., MS; wants reporters to use SINPO code. V/s: Gustavo Heitmann S. (WHITEHEAD MA) F/data SS Qsl, requests U.S. stamps; 35d, 2IRC(SMITH TN) R. Nac. de Minería, 9750; verie ltr in EE/SS w/no data except time. Also rec'd pennant from V/s: Gustavo Palacios Garces, Gerente. In 90d A., for SS rpt. & MS. (YAMRON PA) Same, date only,16d A., SS rpt,MS.(WHITEHEAD)
- COLUMBIA: R. Nacional de Columbia, 4955; In 28d A., for 1IRC & Gilfer form a card w/street scene w/date only. V/s:German Vargas. (MAYER IL) San Andres Isla card w/date only in 52d air for 1IRC,EE rpt.(WICKETT MD) R. Super de Medellin, 5950; Personal ltr. stating freqs to be 670 & 5955 kHz (possibly a typo) in 18dA,SS rpt,1IRC. V/s: Hogo Perez Alvarez Jefe de ventas. (TRUBEE HI) Emisora Nuevo Mundo, 4755; White CARACOL card w/no time in 10d A, no rp, SS rpt.V/s:Mario Fric.(REDMAN IL) Same, date only,11d, MS(MOORE PA) R. Vision, 6105;Card, 21d after f/up; MS(SPARKS CA) L/V del Huila, 6150; ltr, pennant & booklet in 30d for MS. (SPARKS CA)
- ECUADOR: HCJB, 9560; By air, in 22d for 2IRC, a '35th Anniversary'card - 'Old x'mitter compared to 50KW one';also personal ltr.(SIGEL IA) 9745; card w/Inca design of bird w/fish in 39d air, 2IRC; note says they will have pennants this June.(SIGEL IA) 15115; Color PC of oil storage tanks in 23d A, US MS; '74 cards not in yet. (T. SMITH FL) 15300; In 35d A, a 1968 card showing 100 KW x'mitters; 2IRC,also rec'd new sked(SIGEL IA) Esculas Radiofonicas Populares, 3985; card, ltr, PC & large green pennant in 70d for MS.V/s:Padre Ruben Veloz, Director. (SPARKS CA) R. Centinela del Sur, Loja, 5019;Long & detailed SS ltr w/date,freq. from V/s:Hernan Coronel V.;SS rpt, MS; 42d Air.(LOBDELL MA)

QSWL QUESTION OF THE MONTH

- What radio station is 250 miles north of the 'One and Half Degree Channel'?
Hint: Northern hemisphere. Prize will be SW oriented.

PERU: R. Atlántida, Iquitos, 4785V; No data ltr of confirmation + pennant; both pennant & ltr claim 4840KHz; in 43d A, MS, SS rpt; V/s: Julio Reátegui Burga-Gerente. (CLEVELAND CA) Same, claiming 4840, in 75d, IIRC, SS rpt. (FLEMING NY) Same, 64d A; NEW ADDRESS: Arica 462, Iquitos, Peru. R. Quillabamba, 5025; Green Mt. Salkantay pennant + no data veri statement ltr in 28d A. for MS; V/s: Joaquin Barriales. (GIANNINI IL) Yes Roger, I have had the same thing happen to me several times. I've sent MS, but the stamps on the return envelope or card are different. Who else? R. Santa Rosa, 6045; SS ltr w/freq only in 91d A., for SS rpt. & MS; V/s: P. Francisco Villena COP. (SIMON NY)
 R. del Pacifico, 9675; F/data map card of Peru and large blue pennant in 112d for SS rpt. & MS. (SIMON NY)

VENEZUELA: La Voz de El Tigre, El Tigre, 3255; SS ltr w/f/data; also rec'd pennant in 15d A, no rp, SS rpt.; V/s: Carmen Aquino. (REDMAN IL)
 R. Lara, Barquisimeto, 4800; Network globe card, 30dS, IIRC, SS rpt (SMITH TN)
 R. Juventud, 4900; Network card w/kids dancing, 30dA, MS, SS rpt (MOORE PA)
 R. Yaracuy, 4940; Network card, no time, 44dA, MS, SS rpt.; V/s: Jaime Romero. (MOORE PA)
 R. Rumbos, 4970; IN 30d A, a color PC of St. Teresa Church w/f/data in EE; SS rpt., no rp; SPEEDX rpt. form. (REDMAN IL) F/data color PC of 'Municipal Council on Bolivar Square' card, 25dS, MS, SS rpt. (SIGEL IA)
 R. Mundial, 5050; card w/date, time in 150d, SS rpt., IIRC. (FLEMING NY)
 R. Carora, 4910; SS ltr in 22d Air for MS; V/s: Carlos Jose Gonzalez, Director-Proprietario. (SPARKS CA)
 R. Angostura, 6119; No data ltr in 44d A., for no rp; also rec'd 'magnifica banderín' of Ang. bridge crossing Orinoco River, white/w/ purple outline. V/s: Guerra Madriz Dir.. (GIANNINI IL)

— NORTH AMERICA —

CANADA: RCI, 6085; Colorful World globe card in 32d A., no rp. (COLE MI)
 6135; Globe card in 42d S. (delayed due to strike), no rp. (MEEHAN CA)
 9755; Globe card in 30d A, f/data, no rp. (TRUBEE HI)
 11855; f/data globe card, 34d S., no rp. (CARRICK MD)
 15225; Speaking To The World card + skeds & application for joining RCI Shortwave club; in 9d A., (SCHNEIDER CA) Same, 26dS, no rp. (CRAWFORD SCOT.)
 CBC Northern Service, 5960; Eskimo sculpture card, 32dS, no rp (SMITH FL)
 CFRX, Toronto, 6070; Large f/data 'Carnival' card in 22d S, no rp. (CARRICK MD)
 CHMX, Halifax, 6130; F/data plain white card in 13d S, no rp.

COSTA RICA: TIRC, 9645; Rd/white card w/freq, time only in 22d air for IIRC; V/s: Sr. Federico Picado. (BODELL OR)

CUBA: R. Habana, 15140; F/data pale blue circle card + ltr, magazines, news paper, other info in 57d A, 2IRC, SS rpt. (SIGEL IA)

DOMINICAN REPUBLIC: RTV Dominicana, 9505; No data SS ltr + 2 PC's in 23d S, for 2IRC, SS rpt. V/s: R. A. Font Bernard. (CHAPMAN PA) SS ltr w/date, freq only in 22d A, IIRC. SS rpt. (CARRICK MD)

GUATEMALA: TGNA, 3500; 'Quetzal' card w/freq, date only + tourist info, decal & religious literature in 11d A., for 2IRC, EE rpt. V/s: Wayne Berger, Chief Engr. (WHITEHEAD MA) 5955; Same, 1yr Air for IIRC & EE rpt. note said they found my report behind a desk. (TRUBEE HI) Spring cleaning. La Voz de Nahuálá, 3360; date only colorful 'Flame on Mountain' card in 76d A., for MS, SS rpt. (CLEVELAND CA) Same, 39d A., MS, SS rpt. (MOORE PA)

HAITI: R. 4VEH, Port-au-Prince, 9770; F/data folding card of 'Vertiers Memorial' + sked, ltr. in 24d A., .50 US stamps, EE rpt. (SIGEL IA) 11835; Same card, 26d, .50 US stamps. V/s: Mrs. Edna Beachy. (COLE MI)

HONDARAS: HRVC, The Evangelical Voice of Honduras, 4820; F/data card w/ drawing of city & mountains in 55d for IIRC, EE rpt. (MOSMAN IL)
 La Voz del Junco, 18225; Plain white card w/date & verie statement in 27d A., for 2IRC, SS rpt. V/s: A.S. Hasbun Y.-Dir. (MAHONEY IN)

NETHERLANDS ANTILLES: R. Nederland, Bonaire, 9715; Royal Family card + Happy Station pennant in 13d A, no rp. (T. SMITH FL) 11730; '73's DX Friend ship card in 47d S., 2IRC.; f/data. (CHAPMAN PA)
 Trans World Radio, Bonaire, 11815; Folding card w/flamingo, map of Bonaire + sked in 20d A., 2IRC1; V/s: J.F. Schipper & J. Good. (SIGEL IA)

TURKS & CAICOS: VSI8, Grand Turk, 4788; multilithed EE ltr w/handwritten veri statement plus freq only; in 37d A., MS. V/s: William G. Grant, Info. Officer. (WHITEHEAD MA) F/data ltr, 12d A, 3IRC. (SCHWARTZ DE)

UNITED STATES: AFRTS, 15430; Blue/white f/data card, 82d S., no rp (CRAWFORD)
 KGEL, 15280; F/data card & pennant, 105d, MS. (BUTLER VA)
 U.N. Radio, 15410; Blue/white UN card, 6d S, no rp. (CHAPMAN PA)
 WINB, 17865; F/data card in 21d for .08 stamp. (HAMBRIGHT NJ)

Señoras y caballeros, hasta la vista. Setenta y tres.

Doug

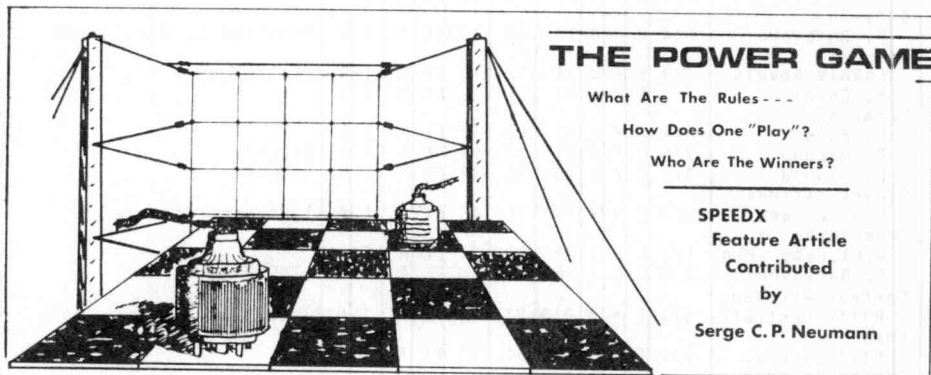
1973 SPEEDX QSL Summary- Part Two-A		MONTHS REPORTED/ TOTAL # OF REPORTS	CARD OR LETTER QSL	FULL DATA VARIETY OF QSL'S	ELAPSED TIME			LANGUAGE OF REPORTS			MODE OF MAIL		PENNANT AVAILABLE	KEY: C=CARD;L=LETTER Y=YES;N=NO;A=AIR S=SURFACE;I= DATA INSUFFICIENT. ETNCRP= ELAPSED TIME NOT CONSISTANT WITH RETURN POSTAGE EE,FF,etc.=ENGLISH,FRENCH, etc.
AFRICA	COUNTRY/ STATION				MAXIMUM (DAYS)	MINIMUM (DAYS)	AVERAGE (DAYS)	LANGUAGE OF REPORTS	WITH RP	NO RP	REMARKS			
	Afars & Issas ORTF Djibouti	1/1	* N I	21	21	21	FF	A	I	I		*Folder card		
	Algeria R.TV Algerienne	3/3	* Y N	71	20	40	FF	A	S	N		*Folder card		
	Angola Voz de Angola	1/1	C Y I	35	35	35	PP	A	I	I				
	Em.Oficial Ang.	1/1	C Y I	133	133	133	PP	S	I	I				
	R.Cl. Huambo	2/3	C N N	45	18	30	PP	A	I	I				
	R.Cl. Lobito	2/3	C N N	20	17	18	PP	A	I	I				
	Ascension Island BBC	9/13	C N N	60	15	36	EE	A	S	N				
	Botswana R. Botswana	2/4	C N N	180	48	127	EE	*	I	N		*Replied by air for MS		
	Burundi LaVoix Revolu.	1/3	* Y N	21	17	18	FF	A	I	N		*Folder card		
	R. Cordac	1/1	C I I	11	11	11	EE	A	I	I				
	Cameroon R. Buea	4/4	C Y N	21	12	17	EE	A	I	N				
	R. Garoua	3/3	C Y N	210	32	99	FF	A	I	N		ETNCRP		
	R. Yaounde	3/3	C Y N	105	16	48	EE	A	I	N		ETNCRP		
	Canary Islands R.N. Espana	3/7	C N Y	155	11	48	EE	A	I	Y		1 pennant reported		
	Cape Verde Is. R.Cl.Cabo Verde	1/1	C I I	23	23	23	EE	A	I	I				
	R. Barlavento	2/2	C N I	180	24	102	PP	A	I	I		ETNCRP		
	Central Afr.Rep. Rdiff.Centrafr.	6/12	* N	210	21	106	EE	A	I	N		*Inconsistant		
	Chad Rdiff.Tchad.	1/1	C I I	31	31	31	FF	A	I	I				
	Comoro Islands ORTF de Comores	2/2	* Y N	141	20	80	FF	A	I	N		**"note"		
	Congo RTV Congolaise	6/9	L Y N	120	17	61	EE	A	I	N				
	Dahomey Rdiff.Dahomey	1/1	C I I	23	23	23	FF	A	I	I				
	Egypt R. Cairo	10/15	C Y Y	150	28	63	EE	A	A	N				
	Ethiopia ETLF	11/23	C Y N	150	24	65	EE	A	I	N				
	R. Ethiopia	3/3	C N N	14	11	13	EE	A	I	N				
	Gabon RTV Gabonaise	4/4	C Y N	70	22	40	FF	A	I	N				
	Gambia R. Gambia	6/10	L N N	151	25	69	EE	*	*	N		*Inconsistant		
	Ghana GBS & R.Ghana	8/19	C Y N	147	32	60	EE	A	I	N				
	Ivory Coast RTVI	8/12	* Y N	930	22	68	FF	A	I	N		*Cards&Letters reported		
	Kenya V. of Kenya	1/1	L N N	210	210	210	EE	I	I	N				
	Lesotho V. of Lesotho	1/1	C Y I	103	103	103	I	S	I	I				
	Liberia ELWA	4/9	C Y N	315	40	112	EE	A	I	I				
	ELBC	1/1	C I I	60	60	60	I	A	I	I				
	Malagasy Rep. R.Nederland	10/17	C Y Y	52	8	17	EE	A	A	Y				
	Malawi M.B.C.	1/1	L Y N	60	60	60	I	I	I	I				

Tips and Topics

The Feature Section of SPEEDX

SPEEDX Editor: Arthur S. Getzel - 70-29 Kissena Blvd - Flushing - NY 11367

Exactly who's responsible for coining the phrase "power game" isn't known to me, but at the 1973 DX Parliament (the annual meeting of the Swedish Riksförbundet DX Alliansen) at Lindesberg, it became common DX Jargon. Misused at best, the "power game" means to refer to the continual increase in transmitter output power by international shortwave broadcasters. The following article attempts to deal with this problem as it applies to international broadcasting, with emphasis on Europe.



In Europe, concentration of transmitter power far exceeds that of any other region of the world. It is the area where frequency congestion, interference, and output power are the greatest. It's where the "power game" is most heavily contested.

What are the rules of the "power game?" For most international broadcasters, the first rule is simple enough: Provide a good signal into your target area. Something that in practice is far more difficult to achieve than on paper. The stations need equipment and transmitters and antennas to put their game plan into motion. Rule number two: Be prepared to invest large sums of money mainly for the construction of sophisticated antenna farms and transmitting facilities. Money then is the ticket into the game.

In order for broadcasters to achieve their primary goal (to be heard in a specific target area), they have (out of necessity) been forced to take some steps toward coordination of their frequencies and broadcast schedules.

In this respect, the International Frequency Registration Board (abbr. IFRB), a subdivision of the International Telecommunications Union (ITU) coordinates transmitting schedules (both planned and actual) of broadcasters belonging to the ITU, and only member countries of the United Nations belong to the ITU. The work of the IFRB is far from all-encomp-

assing. Not all of the earth's political systems are members of the UN, so, likewise, they are not members of the ITU (and IFRB). Their broadcasting schedules are not considered by the IFRB.

The IFRB publishes a white book of intended and actual frequency usage four times a year, corresponding to seasonal changes (March, May, September, and November). A major drawback here is that frequency users have to preregister their intended frequencies with the IFRB four months in advance of the start of the broadcast season. So for one thing, the planning of frequencies is compounded by this element.

Number of transmitters (excl. reserve trans.)

kW.	500	250	100	50	20	10	Misc. (Nr. & power)
AUT			4				1-1
BEL			5	1	2		
BUL			1	4			2-120
CVA			11				1-80
D JH			10				
We	6						
Si		3					
SDR					1		
R.B.						1	
SWF					1		
D/							
USA			4		1		
RFE			1	5	3	8	
RL				5	1		
GDR	2		6	10			2-5
DEN				2			
PRA			22				
FIN			1				3-15 1-1
GB	1	21	13				
GRC		10	2	3			1-35 1-5
HNG			10				6-15 4-3
HOL			6				
ITA			6	2			3-60 2-30 2-25 3-5
LUX			1				
MON			3				2-30
NOR			4			3	
POL			18				14-60 5-40 1-3
POR		7	10	5		1	1-25 1-6 1-.5
ROU			2	1			3-120 4-18
SFA	2	3	5	1			3-700 6-350
SWI			2				
SWE	1	3	2				2-150
CZE							2-200 6-120
TUR		1	1				
RUS			32	18			20-240 4-200 1-150 7-120
YUG			2	1		2	

Aside of coordination of frequencies and schedules through the IFRB, many international broadcasters send their frequency managers to small gatherings where they meet head-on and bargain for frequencies, and at the same time, settling conflicting frequency schedules. So, tough frequency bargaining is a major tactic of the "power game".

It takes at least two to play the "power game," the broadcaster and the listener. The problem is simple enough: there are about three times too many transmissions on the air than the bands can handle there is abundant co-channel and adjacent channel interference the signals are not getting through to the listeners. These are the problems and dilemmas facing today's international broadcaster.

Despite this, the listener is the most important element. He is, after all, what international broadcasting (or broadcasting of any form) is all about. And he can, perhaps run the winning play by tolerating present day conditions, while efforts are made to curb entrants into the "power game".

Let's consider some points which go a long way towards solving the puzzle of the "power game". First, it must be clear to listeners that broadcasters too, are faced with the dilemma. There are two distinct sides to this

"game," and these should be recognized by both. The "power game," as it has been so inaccurately dubbed, is far from a game. It's no fun for broadcasters to spend millions of dollars each year to "barely" be heard, or heard with marginal signals. It's no pleasure, on the other hand, for listeners to have to try and listen to have to try and listen to it all. So one thing we might as well realize now, is that we are all one the same playing field.

International broadcasting is often a political device. Broadcasting is often a tool of a larger political juggernaut, of which we are all a part. With this in mind, we can perhaps look at the consideration to be heard with a more realistic approach. Power increases are mostly out of this necessity, and are not uncontrolled, malicious and thoughtless, as seems to be felt by some. In Europe, the power crisis (not the energy variety)

is clearly evident. The most involved broadcasters are not difficult to spot. (See chart: information from "Weltweit Hören"-WWH-)

What can be done? What can we, as listeners do? We can be tolerant. Try to work with established groups and bodies, and with international broadcasters. Committees such as EDXC Frequency Registration Committee and ANARC'S Frequency Recommendations Committee deserves un-yielding support from all of us, but in particular from those listeners equipped to assist.

Listeners everywhere can begin to improve their reception reports to stations, by giving a bit more technical information than merely date, time and frequency. Make every effort to give the station's technical department a real chance to use your reception information. Perhaps, most important, listeners must refrain from antagonizing international broadcasters with such phrases as "the power game" and "frequency pirating." That's no gain. It's a 15-yard loss.

Tolerance, cooperation, and reason. That's the only possible remedy to the power crisis. There are no winners and losers. There are only winners or losers. We either all win, or we all lose. Shortwave broadcasting knows no political or geographic borders. So if we collectively let the crisis continue without tolerance, cooperation or reason by all sides than we must all collectively be carried off the field.

Next month is our third anniversary. Why don't you write an article for T & T commemorating this event. Why not an article on why you joined SPEEDX and what has SPEEDX contributed to the hobby in the last three years?

Best wishes & 73's,

Arthur

HELP FOR SENIOR CITIZENS

HOW ABOUT SHORTWAVE RADIO?

Bold headlines appearing in the Philadelphia Evening Bulletin attracted the attention of SPEEDX member Wendell Vogel. Wendell forwarded the Heartline article to us so that it could be shared with other SPEEDXERS.

"Heartline is a service for senior citizens. It's purpose is to answer questions quickly. All you do is pick up your telephone and dial toll free (number deleted by SPEEDX editor) anytime from 9 A.M. to 5 P.M. Monday through Friday. If the people at Heartline can't answer your question immediately, they will answer by mail. You also may write to Heartline, 8514 N. Main St., Dayton Ohio 45415. Heartline appears Tuesdays Thursdays and Sundays in the Bulletin."

HEARTLINE

"QUESTION: This is in answer to the senior citizen who wonders what to do with himself since TV is so objectionable. I, as a younger citizen, would highly recommend shortwave radio listening. A good receiver can be obtained from a radio store starting at \$50.00. Nothing more is needed to receive such stations as VOA (Voice of America) BBC (British Broadcasting Corp.) Radio Canada and many others. An inexpensive antenna kit is also available for clearer listening and more distant stations. Shortwave programs are often very informative on a wide variety of subjects. All kinds of music can be heard, along with many foreign language and English language broadcasts."

"ANSWER: We wish to thank Miss S.H. of Carmel, Ind. for this information."

CONTRIBUTORS TO SWBC OSI AND UTE COLUMNS

Number indicates credits earned. Asterisk shows carry-over credits from previous month has been included.

*1	AGNER, MIKE	NV...SX-110	*1	LANOUS, RON	MA..SEARS-20
*2	AIKVORD, ROBERT	IL.....?	1	IARKIN, JOHN	ENG...VTR-18
*1	BEAL, BART	WA..DX-150B	*4	LOBDELL, CHRIS	MA.....SW4A
*3	BECK, ROBERT	OH....NC88	*4	LOVETT, BRANDON	OH..DX-150A
4	BODELL, ROBERT	OR..TR-6002	*1	MASSA, KEN	CA..DX-150B
*2	BRITTON, BILL	FL....R-390	*3	MAHONEY, MIKE	IN.....S20R
*2	BROWNE, DAVE	CA.....SW4A	1	MAYER, ALAN	IL...SB-310
2	BUEHLER, LOUIS	MO....SX-100	3	MCCIAN LOIS	CA.....SPR4
1	BURTON, ROBERT	OH....R-391	4	MEEHAN, JIM	CA...SX-190
2	BUTLER, DAVID	VA...R-1000	*4	MILLER, AL	OH..HRO-500
1	BUTTERFIELD, BOB	MA..HO-100	*6	MILLER, GUS	CA..DX-150A
*4	CARRICK, SHAUN	MD..DX-150B	*6	MOORE, DON	PA.....ROSS
1	CHABAK, MICHAEL	CO..DX-150B	*5	MOSMAN, JOHN	IL.....SW4A
*6	CHAFFIN, DAVID, CAMERON	..S-38E	2	MULLEN, WES	MT...SX-190
*5	CHAPMAN, EARL	PA....R-4C	*4	NEBRON, IARRY	CA...SX-190
*4	CIEVELAND, BILL	CA.....SPR4	2	OLIVER, WAYNE	NH..DX-150A
3	COLE, RONALD	MI....SPR4	1	PASCHKE, BILL	WI.....R530
5	CRAWFORD, WM.	SCOT..TR865	2	PERCE, ROBERT	MA..SAT-210
2	d'ADOLF, STEVE	ND....R-530	*6	RADTKE, CARI	CA.....SPR4
3	DAWSON, ARCH	CA.....SPR4	*3	REDMAN, RON	IL.PRIS1660
2	DAVIDONIS, LEO	MA.BASP9300	2	RODRIOEZ, ED	P-RICO..D-7000Y
*3	DAY, EDWARD	CA...SX-190	*4	SCHNEIDER, RENEE	CA.....?
1	DOY YAK, EVELYN	IA...HA-700	1	SCHWARTZ, RICHARD	DE...SX-190
4	DURANT, HENRY	THAI....R-7000	*2	SIGEL, SCOTT	IA...HA-600
*2	EAGEN, TIM	PA...HO-180	3	SIMON, DAVID	NY...SX-190
*4	EARHART, KEN	PA...SX-190	1	SMITH, JOSEPH	NY...SX-190
5	ECKMAN, MARK	ND...D-7000	3	SMITH, TOM	FL..HA-600A
1	EICHENHORN, SANDY	MI....SPR4	1	SMITH, WADE	MA...SX-190
2	ELLSWORTH, OLIVER	CA...SX-190	*4	SMITH, WOODY	TN..TRANS-0
3	FAMULARO, RALPH	NJ.....ROSS	4	SNYDER, DOUG	CA.....SPR4
1	FISCHER, KLAUS W. GERMANY	? ?	*3	SPARKS, BILL	CA.....R4B
1	FLEMING, KEVIN	NY..DX-150A	3	SRIDHAR, R	INDIA...ESB124
5	GAEDE, ALLAN	CA...HO-180	*6	STINE, MICHAEL	MD.....?
3	GARRETT, LARRY	CA.CCT46217	1	STUART, JERRY	OK...SX-190
1	GAVARAS, TOM	MN...HO-180	4	SUDDICK, KEVIN	MI...S-120
*3	GECKIE, JOE	MD..DX-150B	*2	SZOT, KEVIN	CA.....?
*3	GIANNINI, ROGER	IL....SPR4	3	TESTA, FRANK	MA...DX-150
2	GREENALL, DAN	ONT..DB-150B	*4	THIBUDEAU, LEO	QUE...HQ-100
*5	GRIFFITH, DON	MO.....R4B	*5	TRUBEE, BILL	HI.....SW4A
1	GREEN, DALE	UTAH ?	4	TRZASKUS, ROSEMARY	IL...S-125
1	HAMBRIGHT, JEFF	NJ....SPR4	*1	TURNER, EVELYN	IL.....ROSS
2	HANDLER, STEVE	IL...SX-190	*4	VECCHIOIA, JAMES	PA.....R4C
1	HARDESTER, MIKE	CA...XCR-30	3	VOCKEROTH, JOHN	PA...S-200
1	HENDERSON, DAN	MD..HO-180A	*6	VOGEL, WENDELL	PA...SX-122
*1	HERMANN, FRANK	QUE....S-125	2	WHITEHEAD, JIM	MA...SX-190
3	HICKMAN, MEL	OR....A2515	1	WICKETT, ROBERT	MD....S-120
2	HOLBROOK, HANK	MD...SP-600	1	WILSON, TED	CA.....R4B
*4	JONES, JACK	MS..DX-150A	*3	YAJKO, ROBERT	PA...DX-120
2	KEILEY, EUGENE	FL...SX-190	1	YAMRON, IARRY	PA...SX-190
3	KOLB, NEAL	FL....SPR4	*4	ZIMMER, BOB	WI.....SPR4
2	KORET, RICHARD	NY..SX-122A	1	ZVONE, JOHN	CA.....SW4A
*5	KRATTER, JAY	NY...XCR-30			

A hearty welcome to new reporters: Bart Beal, Ralph Famularo, Klaus Fischer of Fed. Rep. of Germany, Lois McClain, Wes Mullen and Kevin Suddick. Last month I welcomed Earl Chapman twice, the second welcome was intended for Rod Christen. A big thank you to 103 reporters.

Over Seesworth



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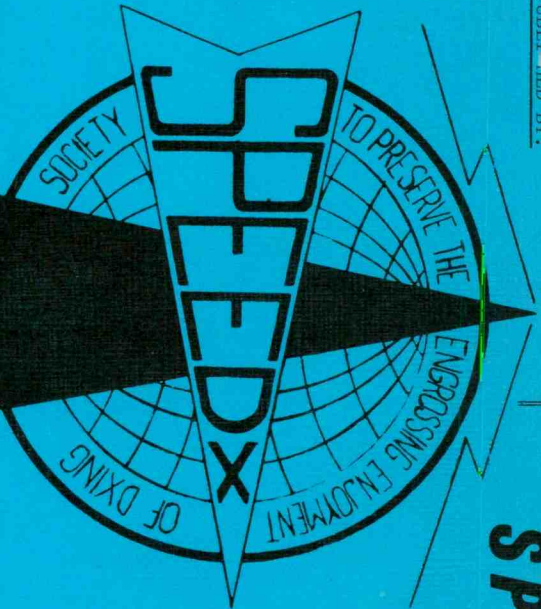
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