

SPEEDX

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"



DECEMBER 1977

Vol. VII No. XII



KEYNOTES



Editor: OLIVER ELISWORTH

2043 West 75th Street, Los Angeles, California 90047

CONGRATULATIONS TO 6 NEW FULL MEMBERS

"SANDY" BLAIZE
Metairie, LA

ROBERT FRASER
Cohasset, MA

LAWRENCE COTARIU
Skokie, IL

RODNEY BOYD
Nfld., Canada

WALT KARCHESKI
Winchester, MN

GREGORY SKORA
Ontario, Canada

Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above new members.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

PAUL GOUCH
WALLINGFORD, CT

GERALD DALUM
GRISSOM AFB, IN

JIM MAYER
FULLERTON, CA

GREG POOLE
AUSTELL, GA

JOE POTACZEK
CHICAGO, IL

IRWIN SCHOR
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STEPHEN KOVAL
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FREDERICK BOURNE
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JAMES DEWEY
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JAMES SNOW
DARIEN, GA

RICHARD MONJURE
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JERRY PINE
LOS ANGELES, CA

FRANK WATSON
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CRAIG MELLINGER
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MICHAEL JONES
GLENDALE, CA

GENE GARFIELD
WEST NEWTON, MA

MILFORD WEBSTER
CAMBRIDGE, MD

FRED PALMER
BROADVIEW HGTS, OH

Welcome back, Dan Ferguson, VA.
Don't stay away so long.

We hope to hear from all of you often. We would not have an active club if our members did not support the various sections with your loggings.

MEMBERSHIP STATUS

Please direct your inquiries in regards to membership status to our Membership chairman, Vera Crable, Route 2, Box 379-B, Coeur D'Alene, Idaho 83814. Vera will be glad to supply you with the information for a SASE. Headquarters does not retain a file on credit points.

CENTRAL DISTRIBUTION EDITOR

A reminder that the CDE editors deadline for forwarding loggings and related material to the editors is the 10th of the month. Loggings sent directly to the editors are to reach them no later than the 15th of the month. During the holiday season, you should allow a few extra days for your mail as the postal department is extremely busy at this time of the year helping old Saint Nicholas in delivering toys to tots, and rigs to DXers. The CDE address is: Bob Zilmer, P.O.Box 697, Milwaukee, WI 53201.

Merry Christmas

and a

Happy New Year

(We regret that the Europe column is missing this month! After waiting 8 days past the editors deadline to HQS, we had to go to press without it. 12/1/77)



DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

CHESTITA KOLEDA --- GLAEDELIG JUL --- VROOLIJK KERFEEST --- ILOISTA JOULUA --- JOYEUX NOEL

YOU'RE NOT LIKELY TO HEAR IT ON RADIO CANADA INTERNATIONAL, BUT... If you're usually a recipient of a holiday bird from your employer you may find this Yuletide practice seriously curtailed in future years, at least in Canada. Is a turkey taxable if a worker gets one from his employer for Christmas? An Associated Press item notes that the Canadian Revenue Minister says it may be and the government has asked an Ontario company to include the value of Christmas turkeys on annual income statements issued to workers. A spokesman from the company said the practice has been customary for twenty-two years and never before had they been asked to keep track of the cost of the turkeys for tax purposes. Normally gifts of under \$25 are not taxable....but apparently that does not apply if the donor writes off the cost as a business expense. Ah, such a "fowl" deed!!!



DEAR SANTA,

My gift requests this holiday season are really quite simple. I desire little or nothing for myself, but there are a few things you might drop off for some other folks...

For example, in order to provide guidance for their future journalistic, please send to each of my SPEEDX column-editing colleagues a copy of Elizabeth Ray's typing test...

And, in anticipation of another severe Idaho winter, perhaps Vera Crable would like her own edition of Richard Nixon's "Book For Shut-ins"...

Or a bit more useful gift to the zanies who put together Radio Sweden's weekly "Saturday Show"...a recording of Dr. Renee Richards singing "The Way We Were"...

Also, while our minds are on platters, why not present our Russian HF aficionado, Roger Legge, with the Alexiev Balalaika Orchestra and Jug Band's best selling album, "Moldavian Folk Songs A-Go-Go"??...

To aid in making holiday feast preparation as easy as possible at Radio France International, please see that the staff there gets a carton of "Frog Legs' Helper"...

Of course, we wouldn't want Ute Editor Ken Compton to approach January's special Marconi Anniversary transmission without a copy of the informative book, "Marconi Made Waves"...

For Chris Lobdell...a case of tomato soup cans so that he may harken back to his college days and build antennas to his heart's content...

As for me, Santa, the plaster cast from the foot that was removed from Earl Butz's mouth might be appropriate. On second thought....perhaps just one clear reception of the Falkland Islands might be nice...



IT WAS ALL GREEK TO ME: Another of those oft-convened social events that masquerade as gatherings of Boston DXers is a matter of dubious history. The date in the chronicles will read 13 November; in excess of twenty enthusiasts of various levels and interests... including alternative entertainment in the form of a performance of "Rigoletto"....with translations by Don Saklad. The occasion marked the initial appearance at a DX social by Greg Calliri's initial progeny...and a chance to welcome the newest New Englander, Dr. Richard Wood, who conducted a demonstrative audience-participation language identification clinic. Your editor finally learned to distinguish between Hindi and Bengali...while Mark Zimarowski is now an expert on how Mandarin differs from Cantonese. Ken Compton identified the mystery language...turned out to be Morse code...later, Jerry Berg used Greg Peters' receiver in Mark Scannell's house to log Benin in English...did you follow that???

*** ACORNS FROM OAKDALE: And here's wishing the folks down in Panama a Merry Isthmus...***

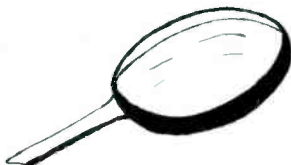
SON OF DX MONTAGE

...IF YOU MUST BLAME SOMEONE FOR THIS CONTINUATION, MAKE IT ALAN W. BROOKS!

FROEHLICHE WEIHNACHTEN --- BUONE FESTE NATALIZIE --- GLAD YUL --- NODLAIG MHAITH CHUGNAT

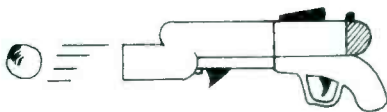
ATTENTION, ALL DX WIDOWS!

Stuck for ideas on a Christmas gift for that fellow whose devotion to radio listening has you mystified? Perhaps some ideas from a genuine DX widow of the first order will provide you with some answers. These suggestions are adapted from a display created by Mrs. Barbara Barto, "widow" of Connecticut ace-DXer Sam...



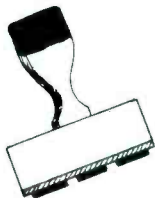
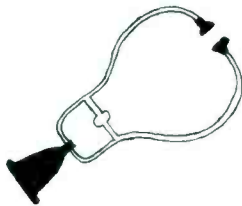
Can't figure out why he loves DXing? ...Look closer....take a good look...and let me know if you see the answer...

There he sits...ear phones in place. You call him and call him.....there he sits! Tired of yelling? Try this ping-pong pistol to get his attention! It works...I've tried it...



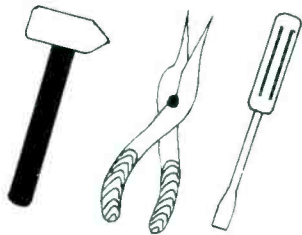
Try impersonating an officer...tell him DXing is now against the law. Think he'll believe you?...

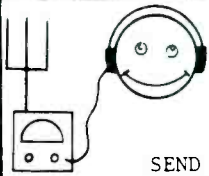
When you know he must be sick to get up every morning at 3:00 A.M. to hear the Cook Islands; this kit will help you give emergency medical treatment...



Every husband should have at least one rubber stamp...makes a great Christmas gift....think how much money you'll save; he can print his own reception report forms, letterheads, etc.

Has he been complaining of poor reception? Help him out...repair his radio for him. Do a good job....fix that radio once and for all! reset the calibrator, widen the band width... try half in the kitchen and half in the driveway...pitch the BFO, beat the oscillator, and switch the Q-multiplier with the function. I think you'll get the idea once you get going! He may not thank you...but think of all the fun you'll have...





TECHNICAL TOPICS ?????

Editor

RALPH SANSEERINO

TECHNICAL TOPICS
8422 CRANE CIRCLE
HUNTINGTON BEACH
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

MOBILE SW ANTENNA Richard Monjure, 3821 Jean LaFitte Pkwy, Chalmette, LA 70043 would like information on an antenna suitable for mounting on a car. Does anyone know who makes such a mobile SW antenna? Anyone have plans for a home brew? Maybe a whip w/tuner or a spiral wound vertical? Drop Richard a line if you have any info.

PRICE INCREASE Ed Insinger sends the info that the RF-2200 is now listed for \$170.00 and the price given last month from the 47th St Photo is now \$117.00 plus \$4 shipping.

ANTENNA TUNER - PRESELECTOR, ... WHAT'S THE DIFFERENCE? An antenna tuner (AT) & a preselector (PS) try to do the same thing - deliver a stronger signal to the receiver - but are very different inside. An AT is very simple, consisting of 3 or 4 parts and requiring no external power for operation. It works by matching the antenna impedance to that of the receiver input. Maximum power will flow when the output impedance of the source (antenna) equals that of the load (receiver). ATs are usually explained by saying they electrically make an antenna look longer or shorter, but that is a simplified explanation and certainly does not mean a 10 foot antenna will pick up as much signal as a 100 foot antenna. The AT just helps the antenna get the most signal possible into the receiver. This can be compared to an auto transmission which provides several different gear ratios to match the engine speed to that required by the wheels under different conditions. While the AT is electrically simple, it has two or three interacting controls, which must be adjusted to get the maximum signal. While many people may disagree, I've found them so hard to find the proper adjustment, that I do not consider them to be that useful. Signal strength increase is seldom more than one or two S units.

A preselector, by contrast, is more expensive and requires external power, either power line or battery. A PS consists of a tube or transistor amplifier to increase the antenna signal level before delivery to the set. This is sort of a brute force method but, depending on the amplifier, can provide up to 5 or 6 S units of gain. A PS is much easier to operate, usually having a single dial, like a receiver dial, roughly calibrated in frequency, which is kept peaked for maximum signal as the receiver is tuned. Since the PS has so much gain, it may overload the receiver at times, causing spurious responses - signals appearing in the receiver which really aren't transmitted on that frequency - ghosts anyone? If the PS has a gain control, this can be used to prevent receiver overload by reducing the signal levels applied to the receiver. In some cases a PS may not help a receiver. Any amplifier, be it tube or transistor, also generates a small amount of noise as it operates. This noise is present in the PS output, as well as the amplified signal from the antenna. The noise added to the signal can be expressed as a noise figure, or signal to noise ratio. If this noise figure of the PS is not better than that of the receiver, it can end up degrading receiver performance.

A PS is a preamplifier with tuned circuits so that it only amplifies signals near the desired one, instead of all frequencies equally. This greatly reduces images by adding more tuned circuits to the receiver, and is one of the main benefits to a receiver like the DX-160, which has good sensitivity but very poor image response. One case where neither an AT or PS will help is when a strong noise level is being picked up along with the desired signal. There is nothing that can be done to improve on the signal once it is picked up by the antenna. Try the following test to see if a PS might help you. Tune your receiver to a spot between stations and disconnect the antenna. If the noise level stays about the same, the noise is in your receiver and a PS may help. This test may also reveal your receiver needs repair, if the noise level stays too high. In most cases an AT will not help with images. For use with transmitters they will help prevent harmonic radiation, but with single conversion receivers with an IF of 455 kHz, the image is only 910 kHz above the desired signal, too close for the AT to have any selectivity against. (This item was written by John Kolb. See Oct 1974 SPEEDX)

FOR SALE I have an SPR-4 with selectivity mods for \$575.00. Also a brand new FRG-7 with filter and buffer for digital readout added. Price is \$325.00. Will toss in a digital readout for an additional \$125.00. Both prices include UPS shipping.

FRG-7 DIGITAL READOUT Now in stock for \$135.00 installed. Includes buffer & UPS back to you.

THOSE PERSONS WHOSE NAMES
 APPEAR ON THIS PAGE
 WISH YOU...

...AND IN LIEU OF SENDING CARDS
 HAVE CONTRIBUTED A TOTAL OF
 \$240
 TO THE HANDICAPPED AID PROGRAM



A HAP-PPY

HOLIDAYS

Holiday Greetings
 AND BEST WISHES FOR THE NEW YEAR

May the Peace and Joy
of the Holiday Season Be Yours
Throughout the Coming Year

BILL FLYNN
 CARL LEASE
 BOB BODELL
 HANK LENTZ
 THOM SKEER
 JUAN MOREIRA
 ROBERT YAJKO
 JOHN WALTERS
 LELAND SWANSON
 FRANK SCHLINKE
 OLIVER ELLSWORTH
 RONALD SPANGLER JR
 RICHARD JOHNSON



BILL SHAW
 WILF STONE
 DON JOHNSON
 DAVE BROWNE
 CARL RADTKE
 ROBERT KUKAN
 MERLE McMAHON
 FRANK TERZICK
 BILL CLEVELAND
 GRANDMA GREENE
 DAVID PETERS SR



KEN EATON
 WADE SMITH
 GEORGE ZINK
 BILL TRUBEE
 BILL MILLER
 DAVID PETERS
 LEN DAVIDONIS
 BRUCE CHITUCK
 NIGEL PIMBLETT
 MIKE HARDESTER
 CHESTER HOWARTH

Happiness throughout the New Year

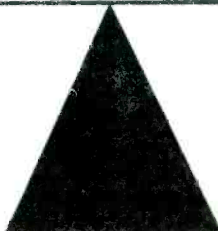
MILO GETZ
 HENRY WARD
 RICKY BAUM
 TOM GAVARAS
 LOU LEISTNER
 EVELYN DOLYAK
 STEVE GELFAND
 GLENN THOMPSON
 DIANE LEVESQUE
 CHARLEY HOFFMAN
 RANDOLPH LINDSEY



JIM GARMS
 JOHN KOLB
 ALLAN GAEDE
 VERA CRABLE
 ALAN BROOKS
 AGNES HERBOLD
 WESLEY ROGERS
 FRANK WOLTMAN
 WOODY SEYMOUR
 ELINOR LEISTNER
 ROCKY ROCKEFELLER



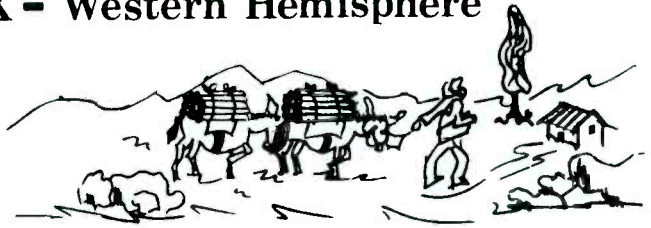
KEN GROVE
 ART GETZEL
 RON SEILER
 DAN CARRIER
 PETE GRENIER
 LARRY COTARIU
 GRANT MANNING
 GEORGE LINK JR
 PEGGY THOMPSON
 RALPH SANSEIRINO
 GRACE FOGELSTROM



SWBC DX - Western Hemisphere

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

Tim McCurdy
271 Starlight Crest
La Canada, CA 91011



VENEZUELA - A FIRST IMPRESSION

As I write this month's column I have just returned from my second trip in as many months to Venezuela. During these two trips it was my good fortune to see quite a bit of that oil-rich country and to learn a great deal about its culture. I also got to do a little DXing while I was there which gives me a good excuse to share my experiences with you.

The first impression one gets of Caracas is one of progress. New construction dominates the horizon and the "autopistas" are choked with late model U.S. style cars. Even the "barrios" or slums which hug the steep mountains pinching Caracas into a narrow valley look prosperous with TV antennae jutting from every roof. The numerous stores also reflect this oil-fed prosperity with luxury goods of all kinds jamming the shelves.

Venezuela is a country growing at a phenomenal phase and Government services, as is true for most rapidly developing countries, are struggling to keep pace. Food is plentiful but expensive and often unavailable for short periods. I could not buy tonic or soda water in one store and, in another, saw a sign that black beans, a Venezuelan staple, were not available. This is because so many farmers have left the farms for the jobs in the city Venezuela must import ever increasing amounts of foodstuffs. This in turn clogs the ports so temporary shortages occur. The flood of people into the cities, principally Caracas, causes overloading of power and water systems with the result that these systems frequently breakdown. The authorities struggle to keep up but, these problems cannot be solved overnight.

I found the countryside much the same as Caracas. Signs of prosperity are evident everywhere but poverty has not been totally licked. I visited Judibana, Punto Fijo and Cardón on the Paraguana Peninsula as well as Maracaibo and Coro. Judibana, Punto Fijo, and Cardón are small company towns housing the workers employed in two of the world's largest oil refineries. One of these refineries processes 680,000 barrels per day of oil and has three huge lakes of low sulfur fuel oil, each holding more than a million gallons, destined for U.S. markets. Coro is a market center and resort area that once served as the entry point for slaves brought from Africa by the Spaniards. It has a well preserved colonial district that is very picturesque as is the colorful open air market that sells everything imaginable. Maracaibo, on the other hand, is much like Caracas in that it is a modern city with much industry. However, despite its size, Maracaibo lacks the sophistication of Caracas as evidenced by the absence of the business suit and tie.

DXing in Venezuela is, of course, a real treat with the tropical bands active all day long. Interestingly enough you cannot hear Maracaibo area stations in Caracas during the daylight hours nor can you hear Caracas-based station, Rumbos excepted, in Maracaibo when the sun is high. At night, however, all this changes and even the 49 m.b. is full of Venezuelans from all over the country. Some stations not normally logged in North America, such as K. Mil Cuarenta, 6010 khz, and Radio Valles del Tuy, 6129 khz, dominate their frequencies in Caracas, their prime target area, but suffer heavy interference in Maracaibo. I also noted that some stations, like Radio Barquisimeto, cut power during the daytime hours while others dropped shortwave altogether until returning for the 2200 on prime time listening period. The morning hours seemed to be the most active time for Venezuelans but evenings weren't far behind.

An interesting surprise was daytime reception of R. Iris on 3380 khz when the only other Ecuadorian noted was HCJB in the 49 m.b. and reception

was quite good. Another interesting logging was Radio Universo, La Paz, Bolivia on 6005 khz which regularly dominated that channel around 0900 GMT and was unmistakable with "William Tell Overture" theme music before its ID announcements.

Speaking of announcements, a frequently heard announcement noted was a listing of the "farmacias de turno". In Venezuela the drug stores in each town take "turnos" staying open 24 hrs. and, as you have no doubt already guessed, such announcements list those open round the clock to let folks know who they are and where to find them. Beer ads are also quite common and, since I couldn't buy tonic or soda water in Jugibana, I got well acquainted with cervezas Polar, Zulia and Regional. One also hears many ads for various "centro comerciales" which are shopping centers or malls where all stores chip in to pay the cost of the ad. Such ads are heard most frequently this time of year as the various stores try to lure those Bolívares away from the Christmas shoppers.

Venezuela still has many festivals and you can often join in the fun via your radio. Nov. 18-27, for example, is the Festival de La Caimita" or "Virgin" in Maracaibo and this festival is similar to the Brazilian carnival in many ways. One such similarity is that upbeat songs called "gaitas" are written especially for this festival and a contest is held to select the best one. These "gaitas" are heavily featured by local stations, such as Radio Mara, Radio Maracaibo and Radio Popular, and often dominate the Venezuelan pop charts for months afterwards.

These then are my first impressions of Venezuela and what little DXing I was able to do while there. I have tried to give a balanced view but, in a few short paragraphs it is difficult to summarize two weeks worth of impressions. I look forward to going again and to the opportunity to DX a bit more in the "tropics" since I enjoyed my stay just as much as I hope you will enjoy this brief resume of my trip.

ARGENTINE GOVERNMENT ANNOUNCES BROADCASTING POLICY

The BBC MS reports that Radio El Mundo carried a statement on 18 October which outlined the ruling Junta's position on broadcasting in Argentina. According to Radio El Mundo, a spokesman for the Public Information Secretariat said that radio broadcasts should serve the country in every respect and to this end the junta had established a broadcasting system consisting of private and public networks. The Government's policy was, he continued, to see that all major government activities received the widest possible coverage and that the Government would exercise its right to cover itself only when the private networks cannot or will not provide coverage of certain events.

The spokesman added that the Argentine State reserved the right to install and maintain an official broadcasting network, consisting of at least one radio station and one television station in each province. This is in addition to installing other stations in areas where the private sector shows no interest or where the lack of facilities do not allow the installation of commercial radio networks.

It was also stated that the Government's policy is that the government run network should be non-commercial and maintained with national funds and revenue from taxes paid by private broadcasters.

HASTA LUEGO

Well, tis time to turn things over to Tim who has, I am told, been declared persona non grata by the Colombian Embassy for misspelling Colombia so many times. Nevertheless he is back at it again this month and has, as usual, compiled your offerings by country and by frequency with all times GMT, dates in the month/day format and reception conditions noted recorded in the SIO code. Tim also joins me in wishing you and yours a very MERRY CHRISTMAS and a HAPPY NEW YEAR!!! See y'all in 78'.....

Season's
Greetings



 Peace

ANTIGUA

BEC

9510 *0500 EE, IS sign-on ID as Cariobean Relay (444 10/30 Hall-CA)
 9745 1550 EE race odds and pay-offs (422 10/22 Dutkowski-BC)
 11775 1307 EE, om w/ wld nx ID's (444 10/30 Hall-CA)

happy
 holidays 

DW

6040 0148 EE, nx summary ID's (544 10/8 UMDX)(454 10/19 Thompson-NM)(Saade-CA)(Martin)
 6085 *0558 EE, EE/GG ID GG vocal mx IS strong signal with QRM from VOA & HCJB (422 11/8 Thompson-CA)
 6145 0200 GG nx ID's (555 11/1 Linasey-NJ)
 9545 0507 GG om doing sports event (444 10/23 Dutkowski-BC)(Gaede-CA)
 15150 1348 GG ID's meterbands (444 10/30 Hall-CA)

ARGENTINA

6060 0830 LRA31 R. Nacional: SS tx Argentine mx ID (333 10/26 Tannenwald-NY)(544 11/13 Jones-CA)
 6120 0420 LRXL R. El Mundo: SS ID's ads on anrcr LA mx Elvis mx (433 11/1 McCurdy-CA)
 9690 0130 LRA32 R.A.E: SS Argentine folk mx ID's tango mx (354 10/28 UMDX)(Martin-LA) (333 11/5 Gaede-CA)(Howarth-WA)(Kavalesky-OH)(Skora-ONT)(Bryan-CA) (Grenier-CA)(Thompson-NM)(L'evesque-IL)(Snyder-NY)(Thompson-CA)
 11710 2300 LRA35 R.A.E: EE to Europe nx TD commentary (333 10/26 Miller-MA)(Yajko-PA) (433 11/3 Thompson-CA)(Beukelman-Netherlands)(Yohana-NJ)(O'Brien-BC)
 15345 1350 LRA33 R. Nacional: SS yl w/ classical-semi-classical mx ID's (343 11/11 Thompson-CA)

BOLIVIA out of order

4875 0348 CP75 La Cruz del Sur: SS LA mx ID's TC's late sign-off? (444 11/6 Martin-LA)

BELIZE

3285 0216 Radio Belize: EE ads TC's (422 10/26 Jones-MS)(Martin-LA)(Blaize-LA)(Worob TX)

BRAZIL*Best Wishes for the Holidays*

2400t 0247 ZYZ30 R. Educ: PP? vocals ads ID tent. (--- 11/8 Moritz-OH)
 2420 0250 ZYW32 R. Caraja: PP LA mx ID after several nights of monitoring (322 10/31 Martin-LA)
 2460 0255 ZYE333 R. Cacique de Sorocaba: PP DJ type program by om nx (141 10/31 Martin-LA)
 3205 0314 ZYE318 R. Ribeirao Preto: PP LA mx ID's PP tx fade-out (131 10/31 Martin-LA)
 3275 0320 ZYE261 Bauru R. Clube: PP SS opera mx ID's as "Bauru Bauru R. Clube Bauru (222 10/31 Martin-LA)
 3335 0004 ZYE54 R. Alvorada: PP ID nw-sw frequencies mx at 0100 echo on all transmission (--- 10/16 Neumann-IN)
 4755 0020 ZYP23 R. Dif do Maranhao: PP sx program (332 10/20 Zilmer-WI)(Martin-LA)
 4805 0211 ZYS8 R. Dif. Amazonas: PP om soccercast (232 10/13 Bryan-CA)
 4835 0201 ZYV8 Dif. Teresina: PP tx by om w/ ID mx nx (311 11/2 Martin-LA)
 4839 0235 ZYAL R. Dif. Roraima: PP soccercast ID Brazilian pop mx (232 10/13 Bryan-CA)
 4855 0320 PRC5 R. Clube do Para: PP om speech ID (343 10/19 Bryan-CA)(Martin-LA)(Worob TX)
 4865 0159 ZYN37 R. Feira da Santana: PP LA mx TC at 0200 ID more mx (333 11/2 Martin-LA)
 4915 0830 ZYE2 Dif do Macapa: PP mx tx fast talking DJ (333 10/23 Tannenwald-NY)
 4985 0010 ZYX2 R. Brasil Central: PP excited on rapid tx jingle (333 10/21 Thompson-CA) (Ligon-GA)(Davis-NJ)(Martin-LA)(Bryan-CA)
 5015 0030 ZYF24 R. Cultura Gualiba: PP sports program (322 10/20 Zilmer-WI)(Tannenwald-NY)
 5024 0119 ZYJ21 R. Borborema: PP US pop mx om tx ID's (333 10/21 Worob-TX)(Martin-LA) (Bryan-CA)
 5045 0330 ZYX2+ R. Cultura do Para: Bossa Nova and samba mx (433 10/26 Zilmer-WI) (Blaize-LA)
 5955 2345 ZYE226 R. Gazeta: PP studio program and tx //9685 (322 10/27 Zilmer-WI)
 6035 0038 ZYV65 R. Globo: PP frequent ID's om DJ (533 10/20 Newell-BC)(Yajko-PA)
 6045 0030 ZYB33 R. Clube Paranaense: PP network sports program // 11935 (433 10/27 Zilmer-WI)
 6135 0010 PRC21 R. Guacho: PP om fast tx (222 10/27 Hall-CA)(Tannenwald-NY)(Zilmer-WI)

Christmas joys!

BRAZIL cont

6165 2330 ZYE419 R. Cultura: PP Musica Popular // 17815 9745 (422 10/27 Zilmer-WI)
 6185 0815 ZYR239 R. Bandeirantes: PP LA mx tx TC ID (333 10/19 Tannenwald-NY)
 9585 2330 ZYR234 R. Excelsior: PP tx mx (433 10/27 Zilmer-WI)
 9595 2356 ZYN29 R. Cultura-Bahia: PP om tx (322 10/25 Bryan-CA)
 9675t 0008 ZYT29 R. Diario da Manha: PP sx event no ID heard mentions of Brazil (343
 10/20 Yajko-PA)(333 10/26 Bryan-CA)(333 10/18 Junqua-JAPAN)(Jones-MS)
 9685t 0036 ZYR227 R. Gazeta: PP soccer match no ID's (333 10/20 Yajko-PA)(Zilmer-WI)
 9695 2300 ZYB61 R. Rio Mar: PP tx local piano and guitar mx (433 10/27 Zilmer-WI)
 9745 2315 ZYE419 R. Cultura: PP tx mx ads Musica Popular // 17815 6165 (433 10/27
 Zilmer-WI)
 11780 0001 PRL8 R. Nacional: PP ID LA mx sign-off 0003 (333 10/23 Rounds-CA)(Miller-
 CA)(Donly-SC)(Earhart-PA)
 11785 0210 ZYU61 R. Guaiaba: PP DJ mx prgm (343 11/2 Martin-LA)(Yajko-PA)(Earhart-PA)
 11805 0152 ZYZ65 R. Globo: PP om nx ID (333 10/11 Bryan-CA)(Yajko-PA)
 11865 0203 ZYB85 R. Clube de Pernambuco: PP om ID ads (333 10/11 Bryan-CA)
 11950 2200 PRL3 R. Ministerio da Educacao: PP network tx prgm (433 10/25 Zilmer-WI)
 11965 0030 PRB24 R. Record: PP network mx prgm (322 10/27 Zilmer-WI)
 15145 0120 ZYB87 R. Jornal do Comercio: PP sportscast (444 10/20 Koval-NJ)(Yajko-PA)
 15190 1957 PRK9 R. Incofidencia: PP Brazilian mx non stop ID (222 8/31 Dutkowski-BC)
 (131 10/16 Le'vesque-IL)
 15265 2235 ZYE235 R. Excelsior: PP tx ads ID off in middle of song at 2240 (343 10/16
 Yajko-PA)
 15325 2230 ZYE228 R. Gazeta: PP mx mostly tx QRM (222 10/16 Tannenwald-NY)(Zilmer-WI)
 15445 2300 PRL8 R. Nacional: PP om light mx (555 10/29 Lindsay-NJ)
 17815 2315 ZYE419 R. Cultura: PP tx mx ads Musica Popular (443 10/27 Zilmer-WI)

CANADABBC

5990 1205 EE; mx stories in Radio Newsreel (444 10/15 Bowen-NS)
 6120 0010 EE; News about Britain and Radio Newsreel (444 10/14 Thompson-NM)
 9510 2341 EE; BBC Top 20 (555 10/6 Snyder-NY)
 15365 1718 EE; tx about Roman grave digging very interesting (333 6/6 Grenier-CA)

RELAYS

6070 0023 CFRX; EE Easy listening mx om DJ ads (444 10/8 UMDX)(Jones-MS)(Blaise-LA)
 6130 1305 CHNX; EE sx wx nx w/ Clyde Sheffer mx (232 11/6 Fischer-PA)(Felty-OH)
 6160t I025 CKZN; EE tx DJ prgm no ID HGJB or Nueva Granada here (232 11/7 Jones-MS)

CHILE

6135 1031 CE613 R. Univ de Concepcion: SS ID into "Panorama Informativa" prgm (332
 11/3 Jones-MS)
 6195 0948 CE619 R. Nac. de Chile: SS ID mx vocals (343 10/17 Jones-MS)
 9505 1300 CE950 R. Nacional: SS 5KHz lower today yl/om tx to 1317 (433 10/22 Zilmer-
 WI)
 9510 *1100 CE951 R. Nacional: SS ID nx (322 10/21 Zilmer-WI)
 9566 0109 CE956 Voice of Free Chile: EE Anti-Communist tx (434 10/22 Klemens-NJ)
 (Lobdell-MA)(433 10/8 Dawson-CA)(Ligon-CA)(Martin-LA)(Hall-CA)
 11705 0135 CE117 Voice of Chile: SS ID into political tx (444 10/20 Lobdell-MA)
 (Yajko-PA)(Johnson-FL)(Hodsdon-MN)(Davis-NJ)(Rafe-NY)(434 10/20
 Naylor-CA)
 14530 0200 CE145? R. Colo Colo: SS om commentary ads wx TC nx (444 9/27 UMDX)(Fischer-
 PA)(Blaise-LA)
 15130 0015 CE1513 Voice of Free Chile: EE mx tx on the new republic of Chile (433 10/9
 Saade-CA)(Thompson-NM)(445 10/6 Koval-NJ)(Fischer-PA)(Seiler-BC)
 15150 2304 CE1515 Voice of Free Chile: EE nx tx about Easter Island (354 10/16
 Pecenka-IN)(Drumhellar-PA)(Monjura-LA)(545 10/12 Miller-CA)(Wall-CA)

COLOMBIA

4755 1030 HJEU Eais. Nuevo Mundo: SS Colombian mx ID's (433 11/13 Jones-MS)(Martin-
 LA)(Davis-NJ)(Trautschold-WI)(Bryan-CA)
 4816 0225 HJVG R. Gautapuri: SS om ID Colombian mx QRM from Peru(322 10/13 Bryan-CA)
 (333 11/4 Jones-MS)
 4875 0115 HJLW Ecos del Combeima: SS w/ Hello Friends British and Colombian mx (322
 10/25 Rogers-ME)(Davis-NJ)(Blaise-LA)(Jones-MS)
 4885 0327 HJIG Ondas del Meta: SS om ID Colombian mx (333 10/19 Bryan-CA)(33 11/6
 Davis-NJ)
 4945 0215 HJDH R. Colosal: SS ID's vocals guitar mx tx (333 11/3 Thompson-NM)(Utter-
 NY)(Bryan-CA)(Skora-ONT)(Jones-CA)(Thompson-CA)
 4965 0530 HJAE R. Santa Fe: SS Colombian mx om annr ID (343 11/6 Bowman-GA)(Jones-CA)
 (Martin-LA)(Yajko-PA)

COLOMBIA

4975 1100 HJQA Ondas del Orueguaza: SS ID tx mx (322 10/19 Zilmer-WI)
 5010 0310 HJOX R. Surcolombiana: SS LA mx w/ on patriotic praise (353 11/9
 Compton-MA)(Blaise-LA)
 5040 0215 HJOW R. Cinco: SS Colombian mx vocals ID's TC mx (343 10/23 UMDX)(333 10/31
 Bryan-CA)
 5075 1138 HJGC R. Sutatenza: SS on DJ Colombian mx QRM-Peking (333 10/25 Hall-CA)
 5095 0150 HJGG R. Sutatenza: SS LA mx ID's QRM (433 10/21 Blaise-WI)(322 10/12 Bryan-
 CA)(Thompson-NM)(Stone-ONT)(Earhart-PA)(Grenier-CA)
 5955 1030 HJ?? LV de Centurca: SS slow MOR mx many ID's always drifting between 5955
 and 5962 (444 11/12 Fischer-PA)(Jones-MS)(Martin-LA)
 6115 0930 HJIA LV del Llano: SS Colombian vocals ID's TC (433 10/15 Yajko-PA)(Fischer-
 PA)(Tannenwald-NY)
 6150 0844 HJFR LV del Huila: SS mx ID's (444 11/13 Jones-CA)(232 11/12 Fischer-PA)
 6160 0735 HJKJ Emis. Nueva Granada: SS ID on DJ Colombian mx (432 10/20 Thompson-CA)
 (Jones-MS)
 6170 1055 HJKF LV de la Selva: SS mx annts ID (333 10/29 Tannenwald-NY)
 9655 0400 HJZM R. Nacional: SS mx TC classical mx (222 11/6 Martin-LA)(Rafe-NY)(Pec-
 enka-IN)(Blaise-LA)
 13868 2200 HJ?? R. Nacional: SS out of band frequency tx standard mx // 9655, 15335
 (433 10/24 Zilmer-WI)
 15335 1250 HJZP R. Nacional: SS assorted lite LA mx ID's (454 10/29 Pecenska-IN)(Perry-
 QUE)(Bryan-CA)

COSTA RICA

4832 1125 TIHB R. Reloj: SS tx by om/y1 LA mx ID's (353 10/29 Pecenska-IN)(Davis-NJ)
 (Martin-LA)(Skora-ONT)(Thompson-CA)(Chituck-MD)(Wayne-CA)
 5055 *1055 TIFC Faro del Caribe: SS IS sign-on tx mx some religious mx // 6133 6175
 6217, 9645 (332 10/28 Zilmer-WI)(UMDX)(Jones-MS)
 5950 0100 TIQ R. Casino: SS LA vocals on DJ ID's (322 11/1 McGurdy-CA)(Zilmer-WI)
 6006 0740 TIHB R. Reloj: SS LA mx on w/ tx (333 10/19 Miller-CA)(Rogers-ME)(Jones-CA)
 (Rafe-NY)(Yajko-PA)
 6133 *1055 TIFC Faro del Caribe: SS IS ID tx religious mx (322 10/25 Zilmer-WI)
 (Tannenwald-NY)
 6175 1116 TIFC Faro del Caribe: SS LA vocals ID pop mx ID's (343 10/15 Jones-MS)
 9645 1345 TIFC Faro del Caribe: SS LA mx tx (222 10/22 Poole-CA)

CUBA

5000 0503 RHC: SS om/y1 announcers ID and military type mx (444 11/4 Monjure-LA)
 5060 0100 RHC: SS commentary with a castro speech (343 10/26 Fraser-MA)
 11695 0315 RHC: EE "Tri Continental Report" // 11755, 11600, 11725, 11930 (434 10/11
 Smith-MA)

DOM. REP

4808 0131 HI-- R. Norte: SS long ID by on ballad type mx (322 10/21 Trautschold-WI)
 (Jones-MS)(Worob-TX)
 4825 0357 HIFA LV de la Fuerzas: SS ID w/ mx tx by on LA mx (322 11/6 Martin-LA)
 4930 0520 HIBE R. Mil: SS LA mx fast ID's (433 10/30 Blaise-LA)(Jones-CA)(UMDX)
 (Koval-NJ)(Jones-MS)(Tannenwald-NY)(Maghakian-NY)(Worob-TX)
 9505 1257 HISS R-TV Dominicana: SS LA mx ID TC (343 10/22 Rogers-ME)
 11700 2245 HILR R. Clarin: EE/SS annts by Rudi Espinal (453 10/27 Utter-NY)(Hauser-TN)
 (Rafe-NY)(O'Brien-BC)(Martin-LA)(Saade-CA)(Maghakian-NY) Trial trans. ed

ECUADOR

3280 1029 HCVN7 LV del Napo: IND language messages ID some mx (333 10/26 Jones-MS)
 3325 0936 HCFB4 Ondas Quevedanas: fast loud electronic folkloric instrumental and
 vocals soft TC ID het (--- 10/9 Moritz-OH)
 3330 1015 HCOT1 R. Zaracay: SS ID annts (544 11/13 Jones-CA)
 3340 0307 HC?? R. Tropical: SS on ID vocal by on tx "musica romantico, Radio
 Ecuatoriana" (--- 11/8 Moritz-OH)
 3380 0124 HCDY4 R. Iris: SS LA mx SS tx ballad ID at 0130 (544 10/30 Martin-LA)
 3390 0147 HCOT1 R. Zaracay: SS OMPYL mx ads (322 10/12 Bryan-CA)(Compton-MA)(Blaise-
 LA)(Martin-LA)(Jones-MS)
 4680 0455 HCWER R. Nacional: SS ID mx TC's (433 10/27 Skora-ONT)(Martin-LA)(Wayne-CA)
 4890 0400 HCER5 R. Centinela del Sur: SS "Miscellaneous Musical" prgm echo ads (343 6/13
 Whitehead-MA)(Blaise-LA)
 4910 0508 HCMJ1 Emis. Gran Colombia: SS Ecuadorian mx long ID's (433 10/19 Blaise-LA)
 (Davis-NJ)(Bryan-CA)
 4930 0357* HCGRL R. Casa de la Cultura: SS on ID sign-off (343 10/19 Bryan-CA)
 4939 0250 HCXZ1 R. Dif. Nac del Ecuador: SS classical mx to 0300 frgy's mx annts
 "Maure Tierra" folk mx show at 0330 (343 6/13 Whitehead-MA)
 5025 1100 HCEV5 R. Splendit: SS Ecuadorian mx TC's tx (444 10/18 Jones-MS)

Merry Christmas to all

EQUADOR cont.

5060 0457 HCEH3 Sist. de Em. Progreso: SS Ecuadorian mx guitars ID (322 10/15 Dutkowski-BC)(Bryan-CA)
 7600 0422 HDZIOA Time Station: SS time pips SS time annrcr w/ ID (422 10/29 Martin-LA)

GALAPAGOS ISLAND

4810 0010 HCVG8 LV de los Galapagos: SS Religious prgm radio play at 0030 (--- 10/10 Neumann-IN)(UMDX)

GRENADA

3300 0140 R. Grenada: EE om tx mx (211 11/5 Martin-LA)

GUATEMALA

2360 0246 TGBA R. Maya: SS ID tx guitar-vocal mx (444 10/27 MS)
 2390 0115 TGDS LV de Atilan: SS vocals tx ID's live audience (343 10/16 Thompson-NM)(Martin-LA)
 3300 0415 TGNC R. Cultural: EE "Program Moody Presents" (444 10/18 Johnson-FL)(Barhart-PA)(Hackney-TN)(Martin-LA)(Blaize-LA)(Pecenka-IN)(Poole-GA)(Le'vesque-IL)(Thompson-NM)(Ricci-CA)(Worob-TX)
 3325 0130 TGBA R. Maya: SS ID's tx vocals solos (333 10/26 Thompson-NM)
 3360 0244 TGVN LV de Nahuala: SS LA "country style" mx tx on local events ID (433 10/31 Martin-LA)(Blaize-LA)
 3380 0030 TGCH R. Chortis: SS tx LA mx vocal groups ID's (333 10/27 Thompson-NM)(Jones-MS)
 4825 0250 TGMN R. Mam: SS om peticiones marimba mx IDat 0300 sign-off and slogan (322 11/4 Whitehead-MA)(Blaize-LA)(Thompson-NM)
 5955 0820 TGNA R. Cultural: SS religious messages ID (222 10/24 Tannenwald-NY)
 6180 1255 TGTZ LV de Guatemala: SS marimba mx singing yl w/ ID and EE ID (433 10/18 Blaize-LA)

GUYANA

3385 0243 FR3: FF love song ballad om w/ full ID and frequency at sign-off at 0255 (--- 11/6 Neumann-IN)(Jones-MS)

HAITI

11835 0059 4VEJ: EE/Creole sign-off with both language ID's (444 11/5 Martin-LA)

HONDURAS

4782 0017 HRRZ R. Juticalpa: SS call letters spelled out & R. Juticalpa after each song (--- 11/6 Neumann-IN)
 4820 0220 HRVC LV Evangelica: EE big band light mx ID (544 10/31 Martin-LA)(Poole-GA)(Kawchuk-SASK)(Davis-NJ)(Pecenka-IN)
 4890 0220 HRVL R. Lux: SS ID w/ echo LA pop mx sign-off about 5 minutes later (343 11/3 Jones-MS)
 4920 2315 HRFL3 R. Progreso: SS educational program for children w/ pop mx and spelling lessons ads (343 11/7 Fischer-PA)

MEXICO

2390 0205* XE??? R. Huayacocotl: SS yl ancr to return at 4 om w/ ID frequency and guitar-vocal (443 10/26 Jones-MS)
 5985 0048 XEMRX R. Mexico: SS om/yl Mexican mx w/ ID's frequencies (444 11/10 Halli-CA)
 6105 1244 XEQM La Pantera: SS ID ads into mx (443 11/2 Jones-MS)
 6115 1954 XEJDS R. Universidad de Sonora: SS classical mx yl anncr w/ EE/SS pop vocals several ID's (333 11/7 Thompson-CA)(Martin-LA)
 9705 1430 XEMRX: R. Mexico: SS LA mx tx (434 10/15 Poole-GA)
 11820 0155 XEBR La Pantera: SS mx tx (443 10/18 Dawson-CA)
 15160 1728 XEWW LV de la America Latina: SS mx TG at 1730 short mx tx by om/yl (433 10/16 Earnart-PA)(444 11/3 Thompson-NM)

MONTSERRAT

9590 0130 DW: EE nx commentary ID's (333 10/11 Poole-GA)

NETH. ANTRADIO NEDERLAND RELAY

6165 0330 DD: ID nx by om (555 10/29 Bowman-GA)(Feltz-OH)(Bowen-NS)(454 10/29 Thompson-NM)(Seiler-BC)
 9590 0430 SS: popular mx top 10 songs numero (333 10/9 Gaede-CA)
 9630 0705 EE: "Happy Station" (444 10/23 Miller-CA)
 9715 0200 EE "His and Hers" nx letters (433 10/26 Chituk-MD)(554 10/28 Seiler-BC)

NETH. ANT

9715 0514 EE The Work and Peoples Program on natural gas tankers in Holland (545 10/
Yohana-NJ)(Kukan-NJ)(Dutkowski-BC)(Yacono-NY)
15320 2300 SS: om sign-on IS ID's (444 10/29 Hall-CA)(Miller-CA)
17810 *2000 DD: IS ID mx in Dutch (333 10/23 Grenier-CA)
21640 1719 DD: on tx about Dutch sports (444 10/30 Hall-CA)(Earhart-PA)(Grenier-CA)

TRANS WORLD RADIO

11830 2200 FF: sermon and commentary in FF w/ childrens chorus (555 11/1 Johnson-FL)
(Thompson-CA)
11925 0033 EE: IS to 0035 s-on "Hour of Decision" (533 10/30 Thompson-CA)(544 10/27
Shreedar-INDIA)(Thompson-NM)(Lindsey-NJ)(Yohana-NJ)
15255 1300 EE: ID rel programs (555 10/29 Pecenska-IN)

NICARAGUA

5945t 0135 ---- R. Dif. Nac: SS yl w/ tx about Nicaragua 90% sure of this (311 10/30
Martin-LA)

PARAGUAY

6015t 0149 ZPA10 R. Paraguay: SS slow mx ID by yl (311 11/5 Martin-LA)
9735 0155 ZP--- R. Nacional: SS LA mx ID's tx (333 11/10 Wayne-CA)

PERU

3240 1012 OBX4U R. America: SS ID as R. America Voice of Peru piano mx (243 10/30
Beaudoin-CT)
3320 1145 OBZ4I R. Estrella del Sur: SS tx LA mx (322 10/20 Blaize-LA)
4790 0244 OAX8F R. Atlantida: SS om SS tx ID yl tx (10/21 Worob-TX)(Martin-LA)(333
10/16 Bryan-CA)(Blaize-LA)(Thompson-CA)
4815 0404 OAX8X R. Samaren: SS LA mx low bass-voiced om anncr ID's after TC at 0415
(--- 11/2 Moritz-OH)
4860 0452 OBZ4Z R. Chinchaycocha: SS local mx om anncr (343 10/19 Bryan-CA)(Martin-LA)
(Whitehead-MA)
4995 0402 CAZ4C R. Andina: SS om ID vocals nx Andean mx (333 10/19 Bryan-CA)(Blaize-LA)
5025 1125 OAX7Q R. Quillabamba: SS local mx tx ID slight cw QRM (322 10/30 Junqua-
JAPAN)
5970 *1028 OBX4q R. El Sol: short Peruvian mx ID opening annmnts campo mx (444 10/31
Jones-MS)(Fischer-PA)(Rogers-ME)
5980 0635 OBX4M R. Panamericana: SS folkloric mx om DJ ads pop mx (454 10/20 Thomp-
son-CA)(Trautschold-WI)
6082 0000 OAX4Z R. Nacional: SS IS ID tx mx (322 10/20 Zilmer-WI)(Jones-MS)
6095 0736 OAX4H R. Nacional: SS accordion and vocal mx ads excited om DJ ID's (332
10/23 Junqua-JAPAN)
6195 1001 OAX7A R. Cuzco: SS Peruvian mx calls fqys folklore mx ID's TC's het (422
Jones-MS)(Whitehead-MA)
9505 1050 OAX4V R. America: SS many ID's tx Peruvian style mx (433 10/18 Zilmer-WI)
9516 1100 OAX4J R. La Cronica: SS ID tx local style mx (422 10/18 Zilmer-WI)
9562 0430 OAX4R R. Nacional: SS MOR mx om DJ TC ID (444 10/19 Hall-CA)

SURINAM

4780 0245 SRS: EE/DD Ided as R. 725 pop mx (32210/29 Poole-GA)(Martin-LA)(Kukan-NJ)
(Grenier-CA)(Onken-IL)(Jones-MS)

URUGUAY

9515 0135 CXA7I R. Dif. SORDE: SS tx by om ID program of classical mx (433 10/31
Donly-SC)(Smith-MA)
11835 0014 CXA19 El Espectador: SS om excited tx ID (444 10/19 Hall-CA)(Rogers-ME)
(Martin-LA)(Yajko-PA)(Dawson-CA)

VENEZUELA

3225 1033 YVTC R. Occidente: SS ID calls fqys mx (412 10/26 Jones-MS)
3255 0110 YVQL LV del Tigre: SS baseball game ads ID's (222 10/16 Tannenwald-NY)
3275 0444 YVMC R. Mara: SS LA dance mx ID's sign-off 0451 (333 10/21 Smith-FL)
3395 0210 YVCJ R. Universidad: SS LA mx ads ID (222 10/16 Tannenwald-NY)(Neumann-
IN)(Lobdell-MA)
4770 0300 YVNW R. Bolivar: SS ID Venezuelan mx (232 10/29 Skora-ONT)(Thompson-NM)
4780 0237 YVIA LV de Carabobo: SS om tx sx match (333 10/21 Worob-TX)
4800 0034 YVMO R. Lara: SS LA vocals ID's (433 10/30 Yajko-PA)(Thompson-CA)(Bryan-
CA)(Smith-FL)(Davis-NJ)
4810 0330 YVNG R. Popular: SS local mx several ID's (333 11/9 Davis-NJ)(Bryan-CA)
4830 1105 YVGB R. Tachira: SS ID western pop mx w/ SS lyrics (333 10/15 Rogers-ME)
4840 0215 YVOI R. Valera: SS ID TG Venezuelan mx (323 11/7 Jones-MS)

HAPPY HOLIDAYS

VENEZUELA cont.

4850 0139 YVXX R. Capitol: SS ID TC ads tx QRN (343 10/18 UMDX)
 4860 0243 YVQE R. Maracaibo: SS Venezuelan pop mx (322 10/1; Bryan-CA)(Roper-AL)
 4880 0140 YVMS R. Universo: SS LA mx ID LA mx background (444 10/30 Martin-LA)(Davis-NJ)(Jones-CA)(Saade-CA)
 4890 0336 YVKB R. Dif. Caracas: SS Telephone request line prgm ID local mx (333 10/19 Bryan-CA)
 4900 0144 YVNK R. Juventud: SS US pops ID (554 10/30 Martin-LA)(Thompson-NM)
 (le'vesque-IL)(Kukan-NJ)(Tannenwald-NY)(Blaise-LA)
 4940 0100 YVPA R. Yaracuy: SS om w/ full ID string of 3 ads US pops het (323 10/23 UMDX)(Fischer-PA)(Martin-LA)(Bryan-CA)
 4960 1015 YVAO R. Sucre: SS LA mx mentions of Sucre (343 11/6 Fischer-PA)(232 10/19 Bryan-CA)
 4970 0420 YVLK R. Rumbos: SS US pop mx SS tx ID (544 10/15 Blaise-LA)(Martin-LA)
 (Ligen-CA)(Jones-CA)(Thompson-CA)(Trautschold-WI)(Prath-FL)
 4980 0100 YVOC Ecos del Torbes: SS tx ads orch mx vocals guitar mx (343 10/19 Thompson-NM)(Martin-LA)(Bryan-CA)(Elder-SASK)(Thompson-CA)(Blaise-LA)
 4990 0300 YVMQ R. Barquismeto: SS Venezuelan mx ads (433 10/18 Ligon-CA)(Martin-LA)
 (Bryan-CA)(Jones-MS)(Thompson-CA)(Tannenwald-NY)
 5030 0145 YVMK R. Continente: SS ID jingles om tx rock mx ads ID's (453 10/20 Thompson-CA)(Ligon-CA)(Grenier-CA)
 5050 0305 YVKD R. Mundial: SS tx vocals ID's guitar mx all LA mx (343 10/19 Thompson-NM)
 6100 0438 YVTO Time Station: SS time pips SS anncr of time (544 6/24 Martin-LA)
 6190 0348 YVPC Ecos del Torbes: SS om covering Venezuelan-Bolivian basketball
 (333 10/19 Hall-CA)(Yajko-PA)(Donly-SC)
 9660 0950 YVLM R. Rumbos: SS mx ID's (555 11/13 Jones-CA)(Yajko-PA)(Skora-ONT)
 (Bryan-CA)
 15400 2200 YVBO R. Nacional: SS current temps and altitude (---3/11 Hauser-TN)

LATE STUFF

ANTIGUA

BBC

6175 0200 EE: wld mx and Review of British Press (555 10/21 Willis-PA)
 9510 0530 EE: tx on ghost stories (444 10/19 Wall-CA)
 9580 0000 EE: wld mx (544 11/3 Willis-PA)

DW

9690 0832 GG: om/y1 sports event (443 10/17 Dawson-CA)
 11810 0230 EE full ID into Spanish program (322 10/19 Wall-CA)

What a big turnout this month. 92 reporters and of those 31 for the first time. The DX season is really on its now. I recieved 762 loggings this month. You'll see this every month during the winter. Brazil, Chile, Colombia, Costa Rica, Guatelala, Peru, and Venezuela were well represented. I couldn't use all the loggings recieved though.

I've had some suggestions on dividing up certain countries like Antigua, Canada, and Neth. Antilles. I did that this month. You can find the loggings easier. I had an idea on dividing up the column into North and South America. Write and tell me what you think of that.

One reminder try to keep your loggings accurate and make sure you are sending them to the right editors. Sometimes its too late to forward them on. Also during the holidays make sure you mail the loggings a little early so they get here by the 15th.

Well that's it for December. Lets try to make it 100 reporters next month. To my fellow Jewish people Happy Chanukah and to everybody else Seasons Greetings. See ya next month.

Tim



Merry Christmas
 and a
 Happy
 New Year





HCJB

Frequency Selection

by

Roger Stubbe



HCJB

The broadcasting year is divided into four seasons. These same seasons are observed by all International Broadcasters and are:

- "M" March-April
- "J" May-June-July-August
- "S" September-October
- "D" November-December-January-February

These four periods are commonly referred to as Spring, Summer, Fall and Winter, the corresponding seasons of the Northern Temperate Zones. They are based on propagation conditions, rather than the climate or weather. Propagation, in a large part, depends on the hours of sunlight present in certain areas of the path the signal uses, and these divisions of the year are convenient ways to take into account these seasonal propagation changes.

There are several sources of information on which our frequency selection is based. Of course, the ultimate goal is for bands, and those frequencies within the bands, which will give the best target area signal with the least interference so the largest number of people can hear us. Let us follow the process of FREQUENCY SELECTION, in the approximate sequence in which it takes place.

The process starts with band selection. This selection is able to be worked out through known scientific methods. Various countries have developed their own methods, but the end result of all is the same, practically speaking. HCJB has decided to use the method developed by the Institute for Telecommunication Sciences of the United States Government. Based on: a) the coordinates of the transmitting station, b) the coordinates of the receiving station, c) the predicted sun-spot number, d) the month and day in the year. A series of frequencies can be obtained for every hour of the day.

These frequencies are:

- MPF Highest Possible Frequency. That frequency which is "open" 10% of the time and "closed" 90% of the time.
- MUF Maximum Useable Frequency. That frequency which is "open" 50% of the time and "closed" 50% of the time.
- FOT Frequency of Optimum Transmission. That frequency which is "open" 90% of the time and "closed" 10% of the time.
- LUF Lowest Useable Frequency. That frequency which, taking into account the transmitting "Effective Radiated Power" and the noise in the receiving location, will put a useable signal into the receiving location 80% of the time. Operating below this frequency will lower this percentage due to the additional absorption losses in the Ionosphere.

It is the goal of HCJB to operate one transmitter near the MUF and a second at the FOT on all transmissions. If a third transmitter is available, it is operated below the FOT, providing that frequency is not below the LUF. We use data compiled by computer for every other month and to some 20 key cities around the world. The reception reports received have verified the veracity of the computer predictions, and continue to do so.

Another important factor affecting our transmissions is the LOCAL TIME in the TARGET AREA. There are times when certain bands are very good for transmission but those times occur when there are very few listeners, such as the wee hours of the morning, or the middle of the afternoon in the target area. Those hours, by the way, are very good hours to pick up other than the ordinary stations at times when they are beaming to other parts of the world. The interference is considerably less then, as well.

(This article is a re-run that appeared in the September 1974 issue. It is still timely and gives a good look "behind-the-scene" of a major International Broadcaster.)

To determine the best hours for transmission, several factors must be considered. The local customs and habits of the listeners are important. In some countries, the listener goes to bed very late and rises very early, while in others, the opposite occurs. Some countries have important TV programs on the state operated networks which would take priority over Shortwave Listening. These & other factors must be considered before "Prime Time in the Target Area" can be fixed. Generally speaking, from 7:00 AM to 9:00 AM and from 7:00 PM to 11:00 PM local time at the receiving location are the best times. These then, are the hours of interest, and for which the best bands and frequencies must be determined.

Certain languages and target areas have preference over others. Here at HCJB the Broadcast Director has to determine the priorities and set how many hours of transmission each of the various language divisions can have, and as well he has to resolve the conflicts which occur. Compromises are made and changes incorporated to come up with a combination which will adequately serve the audience we want to cover, and at the same time be within the capability of the equipment we have available. Our transmitters, other than medium wave, average over 23 hours on the air daily, with the little time remaining in the day used for cleaning and routine maintenance.

When the languages, target areas and hours have been determined, transmitter assignments are made, appropriate for the service which the various transmissions require. The bands are chosen according to the previously discussed material, and the actual selection of the frequencies begins. The meter bands, within which we are required to operate are specified by the International Telecommunications Union. These bands are:

- 49 Meter Band - 5950 kHz to 6200 kHz
- 31 Meter Band - 9500 kHz to 9775 kHz
- 25 Meter Band - 11700 kHz to 11975 kHz
- 19 Meter Band - 15100 kHz to 15450 kHz
- 16 Meter Band - 17700 kHz to 17900 kHz
- 13 Meter Band - 21450 kHz to 21750 kHz

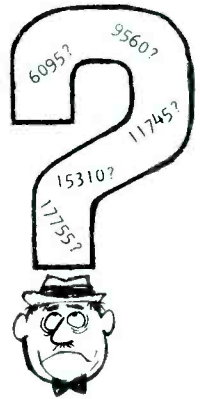
Not all broadcasters stay within the limits above. But, as the Ecuadorian Government is a signer of the International Telecommunications Union Regulations, we must abide by those regulations.

All of our frequencies are registered through the Ecuadorian Government agencies with the ITU and the International Frequency Registration Board. The registration information includes the hours, the target areas, transmitting power and antenna information such as gain, direction, vertical angle and beam width. The IFRB then publishes this material on all broadcasters in four volumes printed through the year according to the seasons "M", "J", "S" and "D". The information is not 100% correct, but is a good point of departure from which to make up a final schedule.

The reasons for not being completely accurate are several. Some countries do not cooperate with the IFRB and therefore, do not register any of their frequencies. Many changes are made to the broadcasting schedules, and while "Change of Notifications" are filed, the time delay is long before their publication. The IFRB sends out weekly sets of changes that have been received and processed but the delay in receiving these is over a month. Normally, the book of frequencies and their users arrives about 6 weeks before the schedule goes into effect. With the book in hand, we go to the final setting up of the Broadcasting Schedule.



Combining the IFRB Frequency book, listeners reports from previous schedules, and a good deal of experience, we then determine what we feel are the best frequencies within the bands for doing the job. Experience is valuable in putting the proper weight on the listeners reports as well as knowing what our own and other broadcasters equipment is capable of. We attempt to avoid interference in so far as possible. There are times however when all available frequencies are in use. We then have to look for a frequency where we have the best possibility of coming out on top.



This schedule, comprising times, frequencies and target areas is then printed and distributed to some 40 International Broadcasters. They have already been sent a tentative schedule, a schedule drawn up some 6 months before, and made without the benefit of the IFRB book. Not all of these reciprocate, but many do. During the preceeding 6 months we have been studying schedules, making comparisons, checking out listener's reports and exchanging letters with the Broadcasters in attempts to work out possible interference problems.

This state of information exchange, checking up and compromise, goes on right up to the time that the schedule goes into effect. Sometimes no changes are possible and a stalemate will occur. Also, at times, when we get right down to the wire, there is a rapid exchange of telegrams in order to avoid a last minute problem.

Then comes 0100 GMT the first Sunday of the month in the new period. This is the hour when the new schedule goes into effect. The first couple of weeks are turmoil as all the unseen and previously unknown problems suddenly come to the surface.

Regular, almost daily checks are made with our various language divisions to get a look at the first mail that comes in. The first several weeks are critical, especially with regard to new frequencies. The listeners' letters are indispensable during this period. Our monitors letters and reports are scrutinized very carefully to see how things are doing. This is the final proof of 6 months of searching, comparing, calculating and making calculated guesses.

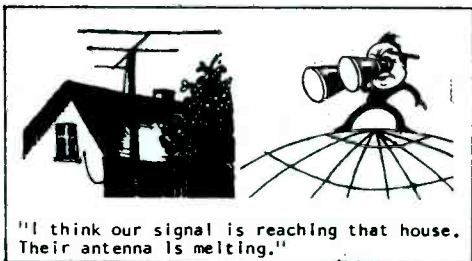
Based on the results of the listeners reports for the first couple of weeks of the new schedule period, we might find that additional adjustments are needed to avoid interference we did not anticipate, and slip into some open spots that equally we did not anticipate. We are usually not aware of these fine details without monitors and listeners with their letters and reports for us. Usually after a few weeks, things settle down and stabilize for the remainder of the schedule period. There are occasions when changing conditions or other Broadcasting schedules and their changes might dictate some changes on our part later in the season. These changing conditions might accentuate otherwise moderate interference and make these later moves adviseable.

The key and goal to the whole process is of course:

"CAN THE LISTENER HEAR AND UNDERSTAND THE PROGRAM MATERIAL?"

If he cannot, then what can be done to improve the situation? Sometimes the answer is nothing. But, believe me, we want to be aware of the problems and will continue to work on them until some sort of answer is obtained, even if the answer is wait until next season.

We cannot answer the question without hearing from those who do the listening to the signal in the target area. You, the listeners are the ultimate in proof. Without your letter, we still don't know of the failure or success of our work. As being very much in the middle of the whole business I would appreciate hearing from you. I will be looking for your letter.



73 and good listening

Roger Stubbe
Frequency Division
HCJB - Quito, Ecuador

The Association of North American Radio Clubs (ANARC) publishes a monthly newsletter with information about member clubs, meetings & conventions, etc. It's available to all for \$2.50 per year in the USA. Write to: ANARC, 557 North Madison Avenue, Pasadena, CA 91101. Also available from ANARC is a list of member clubs & associate clubs for a SASE, and the THIRD edition of the "list of DX Club Publications and Services in North America" for a SASE in the USA. Please send a large SASE (#10 envelope).

SWBC DX

AFRICA



Radio Television Kaduna

Editor:
WAYNE OLIVER
P. O. BOX 355
PLAISTOW, NH 03865



FEBA
Seychelles

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

ALGERIA

- 11910 1435 Radiodiffusion Television Algerienne: w/FF tlks, mx (322 10/23 Bryan-CA)
15772nf 2000 RTVA: AA tlks, chanting, TC on the hour, many ID's (333 10/28 Donly-SC)(10/20 1700 AA Hauser-TN)

ANGOLA

- 7245 1656 Radio Nacional: unid. lang. tlks by OM, mx, 1700 nx (233 11/4 Bodell-OR)

ASCENSION ISLAND

- 7270 0521 British Broadcasting Corporation: EE tlks on India (443 10/15 Dutkowski-B.C.)
11860 0815 BBC: EE ID, "MAILBAG" prog. (322 11/2 Rounds-CA)(554 10/3 Carrier-FL)
15195 1130 VOA: SS ID, nx, mx (322 10/17 Poole-GA)
15400 1654 BBC: EE tlk on Portugal's economy (444 10/12 Bryan-CA)

BENIN

- 4870 0403 La Voix de la Revolution Beninoise: FF ID, tlks (433 10/29 Martin-LA)(222 10/16 2200 FF Fowler-ONT)(333 10/17 0517 Vern Bryan-CA)

CAMEROON

- 4850nf 2135 Radio Yaounde: w/FF&EE mx, ID's (333 10/15 Onken-IL)(433 11/9 2125 FF Zimarowski-MA)(433 10/23 2115 FF Peck-NY)(343 10/27 2140 FF Maghakian-NY)(252 10/16 2125 Utter-NY)
5010 0519 Radio Garoua: Vern tlks by OM (333 10/31 Bryan-CA)(333 11/5 2025 Vern Karcheski-MA)(353 10/15 0510 FF Heath-KY)
9745nf 2005 Radio Yaounde: FF tlks, ID, nx @ 2013 (543 11/9 Newell-B.C.) (333 11/1 2056 FF Junqua-Japan)(232 10/24 2101 FF Bryan-CA)

CANARY ISLANDS

- 11880 2230 Radio Nacional de España: SS tlks, mx (222 10/17 Poole-GA) (232 10/23 *2045 SS Bryan-CA)

CENTRAL AFRICAN EMPIRE

- 5038 2105 Radio Nationale Centrafricaine: FF ID, TC, mx (333 10/22 Rogers-ME)(333 10/18 2255 FF Zimarowski-MA)(333 10/24 2200 Vern Zilmer-WI)(343 10/22 *0600 FF George-TX)

CHAD

- 4904.5 0430 Radiodiffusion Nationale Tchadienne: FF ID, into mx (243 10/21 Trautschold-WI)(333 10/11 2108 FF Kukan-NJ)(353 10/25 *0430 FF Heath-KY)(343 10/18 0425 FF Wall-CA)
7120 1531 RNT: Unid. LL tlks (333 10/28 Bodell-OR) QRM de BBC!

CONGO, PEOPLE'S REPUBLIC OF

- 15190 2126 Radiodiffusion Television Congolaise: FF ID's (444 10/10 Bryan-CA)(222 10/22 1955 FF Rounds-CA)(433 10/21 2215 EE Zilmer-WI)

A good book to read for anyone interested in SWBC in Africa is: Broadcasting In Africa, by Sydney W. Head of Temple University. (1974 Temple Univ. Press)
Another good book, this one on propaganda techniques is Radio Power, by Julian Hale. (1975 Temple Univ. Press) Both can be found in larger libraries.

EGYPT

9475 0200 Radio Cairo: EE ID's, mx, 'Cairo Calling' (222 10/31 Hodson-MN)(554 10/7 0230 EE Carrier-FL)(544 10/16 0213 EE Lindsey-NJ)(222 10/16 0320 EE Gaede-CA)(545 11/10 0205 EE Miller-CA) (343 10/9 0200 EE Johnson-FL)(544 11/1 0302 EE Yohana-NJ)
 9740 *0158 RC: AA ID, tlks, mx (333 10/21 Junqua-Japan) Lots of reports
 15175 1635 RC: AA tlks, mx (232 10/22 Hackney-TN) this month!!! Sorry if
 17920 1330 RC: EE nx, ID (454 10/2 Carrier-FL) I miss anyone. I try to
 21465 1338 RC: AA chants (454 10/26 Maghakian-NY) use a report from every
 -one.

GHANA

4915 0615* Ghana Broadcasting Corporation: EE nx, s/off (212 11/5 Roper-AL)(333 10/14 0555 EE Heath-KY)
 4980 2205 GBC II: EE nx by YL (353 10/30 Heath-KY)(232 10/31 Bryan-CA)
 6130 2117 GBC (Ext. Serv.): EE ID's, mx (544 10/28 Miller-MA)

GUINEA

15305nf 2359* Radiodiffusion Nationale: EE ID at 2359 s/off (354 11/6 Utter-NY)

GUINEA-BISSAU

5041 2250 Radiodifusao Nacional: PP ID's, 2357* (333 11/6 Rogers-ME) (322 10/19 0701 PP Rounds-CA)

IVORY COAST

4940 0610 Radiodiffusion Television Ivoirienne: FF OM tlks, ID (333 10/31 Bryan-CA)
 11920 0610 RTVI: FF ID, mx (343 10/18 Wall-CA)(222 10/30 2005 FF Rounds-CA)(322 10/29 1925 EE Fowler-ONT)(524 10/25 1950 EE Miller-MA) (434 10/29 2236 FF Hall-CA)

LIBERIA

3990 0410 VOA: EE nx about S. Africa (232 10/26 Bryan-CA)
 4770 2246 ELWA: EE ID, rlg. pgms. (343 11/3 Jones-MS)
 7280 0445 VOA: EE commentary (444 10/16 Bryan-CA)(434 10/22 0545 EE Hackney-TN)
 7290 0400 VOA: EE ID, rock mx (444 10/26 Bryan-CA) NF??? wlo
 9740 0337 VOA: EE tlks on Panama Canal treaty (422 10/11 Bryan-CA)NF???
 11855nf 2110 ELWA: EE ID, Liberian nx, 2120* (433 10/22 Skora-ONT)
 15260 1644 VOA: EE tlks (232 10/12 Bryan-CA)
 15400 0200 VOA: SS ID's, nx (444 10/30 Hall-CA)
 15445 2118 VOA: EE tlks on Great Britain (343 10/11 Bryan-CA)(433 10/22 1720 EE Rounds-CA)(444 10/17 1830 EE Miller-CA)
 17855 2012 VOA: FF OM tlks, mx (243 10/10 Bryan-CA)
 17870 2005 VOA: EE nx about Israel (232 10/10 Bryan-CA)

LIBYA

6205 2205 MEBO II: EE pop mx, 'Man of Action' theme, 2306*, ID (222 10/25 Fowler-ONT)(343 10/22 2240 EE Heath-KY)(443 10/18 2200 EE Zilmer-WI)
 9500 2315 People's Revolutionary Broadcasting Station: AA nx, mentions of Jimmy Carter (454 10/22 Heath-KY)(333 10/19 2114 AA Junqua-Japan)(322 10/15 0003 AA Mitchell-CA)
 11700 1900 PRBS: AA tlks, mx (222 10/16 Kaufman-NY)
 15100 1432 PRBS: AA mx, tlks (342 10/26 Earhart-TN) severe QSB!

MADAGASCAR

11730 2110 Radio Nederland:(Talata) EE tlks on future programming (232 10/30 Rounds-CA)(333 10/2 2040 EE Stone-ONT)(353 10/31 *2000 EE Felty-OH)(442 10/16 1957 EE Seiler-B.C.)
 11740 1917 RN: AA ID, nx, tlks (444 10/11 Bryan-CA)(232 10/30 1850 AA Rounds-CA)(444 10/30 1450 EE Hall-CA)
 15220 2050 RN:EE 'Afro Scene' (553 11/7 Somers-CA)
 15380 1830 RN: EE w/'Happy Station' pgm. by Tom Meyer (454 11/6 Lobdell-MA)
 21480 1350 RN: Dutch ID, R&R mx (544 10/23 Smith-FL)
 21685 1615 RN: AA nx of Saudi Arabia (343 10/31 Bryan-CA)(353 1530 10/23 Zilmer-WI)

HELP NEEDED

Gerry Wood, Editor of Radio RSA's DX-Corner as written to me asking for help, from SPEEDX members. Gerry plans on doing a series of programs, about SWBC in Africa. He would like to obtain the following info.: history of stations, pictures of QSL's, equipment details, personnel at stations and future plans. If anyone has any info., please write me or send direct to Gerry c/o Radio RSA. It is very seldom that a BC'er asks for our help!!!

MALAWI

7130 1555 Malawi Broadcasting Corporation: EE ID, pgm. anns, TC
(222 10/30 Bodell-OR)

MAURITANIA

4845 2345 Radiodiffusion Nationale de la Republique Mauritanie: AA
chants, tlks (433 10/22 Zilmer-WI)(433 10/11 2235 AA Kukan-
NJ)(243 10/31 0607 AA Bryan-CA)

MOROCCO

9530 0540 VOA:EE Language Lessons (554 10/18 Carrier-FL)(434 10/17 0705
EE Miller-CA)
9615 0007 Radiodiffusion Television Marocaine: AA mx, tlks (333 10/26
Bryan-CA)
11915 2228 VOA: PP nx, ID, 2230* (444 10/29 Hall-CA)
15205 2015 VOA: EE nx, commentary, mx (333 10/16 Poole-GA)
15330 1125 RTVM: AA tlks, mx (444 10/19 Beaudoin-CT)//15360-weaker!
15360 1648 RTVM: AA mx, abruptly off at 1700 (333 11/11 Bodell-OR)(253
11/5 1650 AA Levesque-IL)
17705 2204 VOA: EE nx in 'Special English' (555 10/7 Smith-FL)

NIGERIA

4990 0534 Nigerian Broadcasting Corporation:(Lagos) EE nx (232 10/17
Bryan-CA)(332 10/4 2250 EE Beukelman-Neth.)(222 9/22 2200
EE Perry-Quebec)(453 10/30 2150 EE Heath-KY)
7275 0650 Voice of Nigeria: EE anns by OM (333 10/31 Bryan-CA)(434
10/22 0555 EE Hackney-TN)(322 10/16 0607 EE Lobdell-MA)
11720 1900 VON: EE nx review (323 11/8 Angeloni-NY)
11770 1545 VON: EE w/'Black & African' celebrities (443 11/7 Ricci-CA)
(545 10/26 1615 EE Miller-CA)(433 11/6 1630 EE Bodell-OR)
(433 11/9 1606 EE Thompson-CA)
15120 2029* VON: EE s/off,NA (333 10/11 Bryan-CA)(222 10/16 1900 EE
Fowler-Ont)(433 10/25 1810 EE Miller-MA)(212 10/24 0733 Bower
-Turk)

RHODESIA

3396 *0357 Rhodesia Broadcasting Corporation: EE IS, ID, TC (322 10/24
Martin-LA)(333 10/22 0400 EE Thompson-NM)

RWANDA

7225 0449 Deutsche Welle: (Kigali) EE ID, nx, ARO QRM (322 10/17
Blaize-LA)
9700 0149* DW: GG tlks, ID, s/off (444 11/10 Dalum-IN)
15410 *0001 DW: IS, ID's, GG s/on (444 10/21 Thompson-NM)(332 11/7 0006
GG Hall-CA)(232 10/11 0100 GG Bryan-CA)
-Out of Order-
11795 0142 DW: GG Tlks, ID (444 10/11 Bryan-CA)(322 10/22 2255 GG
Rounds-CA)
21540 1428 DW: EE to SEA (323 10/29 Smith-MA)

SENEGAL

4890 0615 Radiodiffusion du Senegal: FF ID's, anns (454 10/21 George-
TX)(212 10/17 *0600 FF Blaize-LA)
4950A 2157 RS: FF ID, s/on 2200 //4890 (344 11/2 Smith-MA)

SEYCHELLES

9605 0159 Far East Broadcasting Association: EE anns, into Hindi
(322 10/8 Newell-B.C.)(444 11/4 *0200 HH Bodell-OR)
9650 *0315 FEB A: EE ID (222 10/17 Seymour-NC)(222 10/15 *0315 Baldwin-
FEB A: IS, unid lang., s/on (543 10/26 Newell-B.C.) NC)
11755 *0308 FEB A: IS, EE ID into Hindi (444 10/17 Hall-CA)
11785 *0157 FEB A: IS, EE ID into Hindi (444 10/17 Hall-CA)
11800 0400 FEB A: EE w/Gospel mx (353 10/7 George-TX)(554 10/10 0415 EE
Carrier-FL)(333 11/7 0400 EE Saade-CA)
11865 *0341 FEB A: IS, s/on in ??? lang (242 11/2 Maghakian-NY)
11940 1530 FEB A: EE nx //15325 (433 10/28 Shreedhar-India)

SIERRA LEONE

3316 2306 Sierra Leone Broadcasting Corporation: EE YL tlks (222 10/11
Kukan-NJ)(232 11/9 0658 EE Wall-CA)

SOMALIA

9585 1616 Radio Mogadishu: Somali mx, brief anns (222 10/29 Bodell-OR)
(222 10/23 1930 AA Kaufman-NY)

SOUTH AFRICA

3320nf 0340 Radio 5: EE pop mx, ID's, (353 11/8 Heath-KY) New freq. wlo
 3965 0412 South African Broadcasting Corporation: EE tlks (422 10/18
Wall-CA)
 3980 0408 SABC: EE commercials, ID's (222 10/26 Bryan-CA)
 4810 0320 SABC: Afrikaans tlks, EE ID's (454 11/9 Heath-KY)(434 11/2
 0328 EE Grenier-CA)
 4835 0425 SABC: EE w/Agricultural nx (343 10/26 Bryan-CA)
 7270 0340 Radio RSA: EE R&R mx, ID (444 10/26 Bryan-CA)(344 daily
1610 EE Bodell-OR)
 9560 1601 SABC: Afrikaans tlks (333 10/30 Bodell-OR)
 9585 2230 RSA: EE ID (444 10/30 Willis-PA)(444 10/23 2230 EE Rounds-
 CA)(444 10/29 2310 EE Fowler-Ont)(434 10/22 2110 EE Hackney-
 TN)(444 10/23 2230 EE Hallberg-IL)
 9680 1608 SABC: EE wx, skeds (233 11/6+ Bodell-OR)
 11800 *2100 RSA: EE s/on, nx (454 9/25 Carrier-FL)(443 10/4 2320 EE Fraser
 11900 0600 RSA: EE nx (455 10/19 Smith-FL)(544 11/5 1959 FF -MA)
 Newell-B.C.)(433 10/17 2140 EE Stone-Ont)(good 11/8 2100 EE
 Drumheller-PA)(444 10/18 0500 EE Woltman-WI)(222 10/11 2230
 EE Johnson-FL)(424 10/26 2145 EE Kawchuk-Sask.)
 15155 *1758 RSA: ??? lang s/on, TC (332 10/30 Naylor-CA)(544 11/9 1750
 GG Mappin-WA)(443 11/11 2300 EE Lobdell-MA)
 15220 *0458 RSA: FF s/on (222 10/19 Smith-FL)
 21535 1635 RSA: EE ID (243 10/30 Bryan-CA)(333 9/18 1500 EE Perry-Que)
 (454 10/2 1614 EE Carrier-FL)(222 10/15 1510 EE Poole-GA)
 (453 10/30 1400 EE Miller-MA)

SUDAN

5039 0359 Radio Omdurman: AA mx, TC, ID (322 11/9 Zimarowski-MA)

SWAZILAND

4760 0405 Trans World Radio: EE ID's, nx (323 11/4 Saade-CA)

TANZANIA

9685 2201 Radio Tanzania: Swahili tlks, ID (232 10/30 Rounds-CA)

TOGO

5047 0540 Radiodiffusion du Togolaise: FF anns by OM (333 10/17 Bryan-
 CA)(434 9/25 0610 FF Perry-Que)

TUNISIA

7275 0445 Radiodiffusion Television Tunisienne: AA chants (222 10/11
Blaize-IA)
 11970 1628 RTT: AA mx //15225 (433 11/6+ Bodell-OR)
 15225 1546 RTT: AA nx at 1600 (322 10/7 Wall-CA)(333 10/11 2050 AA
 Bryan-CA)(232 11/5 1625 AA Levesque-IL)

UGANDA

9730 2031 Ugandan Broadcasting Corporation: EE ID (323 10/23 UMDXC)
(342 10/19 2024 EE Macris-MO)(322 10/23 2050 EE Hodson-MN)
 15325 1900* UBC: FF ID (323 9/3 Perry-Que)(232 10/11 1810 EE Levesque-
 IL)(544 10/20 1800 FF Shreedhar-India)

ZAIRE

15350 2000 La Voix du Zaire: FF tlks, mx (343 11/12 Seymour-NC)(433 10/
 11 0035 FF Bryan-CA)

ZAMBIA

9580 1604 Zambia Broadcasting Service: EE nx, ID's, (322 10/29 Bodell-
 OR)

A little room left for a few items from the BBCMS:

Zambia Broadcasting Serv. in EE *0350-4965, 3346
Kenya's General Serv. in EE *0300-4804

Algeria-RTVA has EE at 1800 -
 1900 on 11910

South Africa-Radio 5 new sked
 0300-0500, 3320; 0530-1530, 7170;

1530-2200, 3320
 (Donly-SPEEDX-GRAM)

Thanks to a record 74 reporters this month!!! (For me anyways!!!) & BCNU...

Cameroon- Radio Bertoua is the
 new station on 4750 w/ local pgms &
 relays of Yaounde.

Please do not forget to take the time
 to go through your DX paraphernalia
 and see what you have to help out
 Gerry Wood, in his project I mentioned.

ASIA-OCEANIA

BOB BODELL - EDITOR
5230 S.E. 48th AVE
PORTLAND, OR 97206
(503) 771-8804

DEADLINE: 15th of the month



FREQ TIME LOCATION

AFGHANISTAN

4775 *0130 OR RA: s/on, then into Qu'ran (Bodell 11/16)
15363m 1035 AK RA: RR tlk, GG @ 1100, EE @ 1130 w/ nx, cmtry, mx (Tilbury)
(Schweikart VA)(Beaudoin CT)(Smith MA)(Beukelman NETH)(Rogers)

BANGLADESH

11652 1825 NY RB: EE nx, pop/Bengali mx, 1900 slo speed nx (Maghakian 10/9)
15520 *1230 IL RB: EE ID, nx, cmtry, 1259* (Onken 10/9)(Peck NY)(Smith FL)

BRUNEI

4865 1345 CA RTV Brunei: Bahasa Malaysia w/ local pop mx, OM anc (Cleveland)
7215 1200 AK RTV Brunei: EE s/on, YL tlk, pop mx, OM DJ (Tilbury)(Bryan CA) land

BURMA

4724m 1132 SC BBS: Indig. svce w/ tlk, ID, mx (Donly 10/28)(Tilbury AK)
5985 *1430 OR BBS: EE ID, by YL, then classical mx (Bodell 10/22)

CAMBODIA

4908 1219 CA RDC: Khmer w/ tlk, variety w/ mx, laffs (Naylor)(Bryan CA)

CHINA

2200 1307 CA Fujian 2: CC w/ YL singing (Bryan 10/11)
2340 1300 CA Fujian 1: CC w/ TPs, traditional mx, YL anc (Bryan 10/11)
2460 1133 OH Yunnan 1, Kunming: emphatic CC by YL/OM (Moritz 11/6)
2600 1315 CA Fujian Front Station 2 (PLA): CC (Amoy) tlk, mx (Bryan 10/11)
3260 1400 CA Guizhou: CC mx, TPs, OM YL tlk (Bryan 10/11)
3290 1402 CA Beijing 2: CC w/ traditional (Bryan 10/11)
3340 1414 CA Harbin, Heilongjiang: CC OM/YL w/ tlk (Bryan 10/11)
3360 1345 CA R. Peking: CC YL in Taiwan svce (Cleveland 10/18)
3400 1152 MS PFS 2: CC speech by YL, // 3200 (Jones 11/5)
3535 1203 OH FP 1: Oriental inst., YL in CC in between (Moritz 11/7)
4035 1526 OR Lasa, Xizang: Tibetan conversation by YL/OM (Bodell 10/30)
4045 1347 CA PFS 1: CC w/ YL tlk (Cleveland 10/19)
4200 1205 CA RP: Tagalog w/ YL singing Oriental mx (Hall 10/26)
4250 1449 CA Beijing 2: CC w/ folk mx (Bryan 10/11)
4460 1329 CA Beijing 1: CC YL/OM tlk, crowds cheering (Bryan 10/25)
4770 1315 CA RP: Taiwan svce w/ YL anc, inst. mx (Bryan 10/13)
4960 1413 CA RP: FS in JJ w/ OM anc, brief mx (Bryan 10/12)
4925 1423 CA Harbin, Heilongjiang: CC YL w/ tlk, then OM tlk (Bryan 10/25)
4980 1425 CA Wuhan, Hubei: CC OM tlk (Bryan 10/12)
4990 1212 CA Changsha, Hunan: CC tlk, "Internationale" (Naylor 10/18)
5020 1504 CA Nanchang, Jiangxi: CC tlk by OM/YL (Bryan 10/12)
5075 1445 CA Beijing 2: CC vocals (Cleveland 11/2)(Hall CA)
5163 1126 CA Beijing 2: CC tlk, QRM from jammer (Naylor 10/20)(Miller CA)
5250 1213 CA RP: EE OM w/ world nx (Hall 10/25)
5320 1218 CA Beijing 2: CC YL cmtry, // 5880 (Hall 10/25)
6000 1454 CA PFS 2: CC YL w/ tlk (Dawson 10/28)
6225 1420 CA RP: CC w/ mx (Dawson 10/3)(Bryan CA)
6290 1130 NY RP: IS, s/on in u/lang w/ tlk by YL/OM (Maghakian 10/18)(Yajko)
6345 1437 CA Beijing 2: CC YL w/ tlk, CW QRM (Dawson 10/3)
6410 1440 CA RP: CC OM tlk, // 6540, 6495, 6665, 6750, 6765? (Dawson) B 1?
6750 1122 PA Beijing 1: CC tlk, mx (Yajko 10/23)(Maghakian NY)
6840 1450 CA Naimenggu: CC YL w/ tlk (Dawson 10/11)
7060 1300 CA RP: CC w/ "East is Red," IDs, s/on (Hall 10/25)
7095 1120 ME Beijing 1: CC w/ YL tking (Rogers 10/15)(Yajko PA)(Bryan CA)
7350 1520 CA RP: CC YL w/ tlk (Bryan 10/19)

CHINA (continued)

7515 1733 CA RP: CC w/ "Internationale," s/off, // 7504 (Bryan 10/11)
 7620 2110 CT RP: EE w/ nx of China, local mx, poor mod. (Beaudoin 10/23)
 8345 1740 CA RP: EE YL w/ tlk on Mao (Bryan 10/11)
 9020 1655 CA Beijing 2: CC OM w/ tlk (Dawson 10/26)
 9070 1300 FL Beijing 1?: CC ancrs, mx, comical songs (Carrier 10/9)
 9340 1412 CA RP: CC YL w/ tlk, mx, chorus (Naylor 10/30)
 9460 1529 CA RP: CC tlk by YL (Hall 10/29)
 9470 0438 CA RP: EE w/ "Listeners' Letterbox" (Grenier 11/7)
 9510 1150 CA Beijing 2: CC w/ Oriental mx, tlk by OM (Hall 10/17)
 9755 0300 FL RP: EE YL ancr, world nx, CC mx, sports (Carrier 10/18)
 9820 0108 NJ RP: EE w/ world nx (Lindsey 11/7)
 9860 0130 FL RP: EE w/ CC lessons (Prath 10/18)(Bryan CA)
 9920 2100 NY RP: IS, s/on, RR? tlk by OM (Maghakian 10/11)
 9945 1130 NY RP: IS, s/on, tlk, ID by YL in u/lang (Maghakian 10/12)
 9995 0015 MD RP: EE nx, tlk on Liberation Army (Chituck 10/17)
 10245 1115 NY Beijing 1: CC tlk by YL/OM (Maghakian ???)
 11330 0020 CA RP: CC w/ classical mx, "EIR," 0030 f/out (Naylor 10/31)
 11375 2210 SC RP: PP tlk by OM/YL, ID (Donly 10/18)
 11505 1041 PA Beijing 2: CC tlk by OM/YL (Yajko 10/15)
 11515 2353 PA RP: CC tlk by YL (Yajko 10/18)
 11605L 2340 ME RP: minorities pgrm w/ YL/OM tlk (Rogers 10/16)
 11650 0100 CT RP: EE w/ political cmtry (Peterson 10/31)(Stone ONT)(Grenier)
 11685 *1100 FL RP: SS w/ ID, "Aqui R. Peking," CC mx (Carrier 10/16)(Yajko)
 11720 0000 NY RP: CC? w/ IS, s/on, tlk by OM (Maghakian 11/2)
 11980 0327 CA RP: YL tlk on Peking (Hall 10/25)
 11985 1230 NY RP: IS, SS s/on w/ ID, tlk (Brotsky 10/17)
 12055 0401 CA RP: IS, s/on EE OM/YL w/ IDs (Hall 10/17) 聲之國中由自
 15010 0020 NY RP: EE nx (Snyder 10/6)
 15045 0140 TN RP: SS mx, cmtry (Hackney 10/19)(Yajko PA)
 15080 0030 FL RP: EE YL/OM ancrs, CC classical mx, pgrm on PLA (Carrier)
 15165 0000 CT RP: s/on w/ SS tlk (Beaudoin 9/23)
 15270 *1200 WI RP: EE nx, cmtry (Zilmer 10/30)(Peck NY)(Dutkowski BC)
 15435 0112 PA RP: EE nx (Yajko 10/12)(Bryan CA)
 17635 0050 ONT RP: FF w/ march mx, ID, 0055* (Stone 10/5)
 17650 0105 CA RP: EE w/ nx, opera mx, 0130 PP (Miller)(Dawson)(Naylor)
 17855 0110 PA RP: EE w/ political nx (Yajko 10/12)(Bryan CA)

INDIA

9525 2040 OH AIR: EE tlk by YL, mx, nx (Kavalesky)(Peck NY)(Miller MA)+++
 9705 1135 CT AIR: EE nx round-up (Peterson 10/28)
 9912 2118 MA AIR: EE w/ "Children of India," pgrm review, mx (Cempton)
 11620 2105 MA AIR: EE cmtry, Indian folk songs (Lobdell 10/15)(Bedell OR)
 11775 1050 CT AIR: EE GOS, ID, "Newsreel," 1100* (Beaudoin ???)
 11810 0100 IL AIR: EE w/ ID, nx (Onken 10/7) @ 1407 Lobdell MA (Maghakian)
 15080 1700 TN AIR: Hindi w/ Sitar mx (Hackney 10/22)

whoops we almost forgot CYPRUS ser 10/14)
 7230mf 2210 TN CBC: IS, then Greek pgrm, // 6155, 9770, F., Sat., Su. (Hau-
 15400 0910 AK BBC Limassol: EE nx, cmtry (Tilbury 10/29)(Bryan CA)

INDONESIA

BBC WORLD SERVICE
 3205t 1146 LA RRI Gorontalo: weak signal, OM in Oriental lang (Blaize 10/20)
 3215t 1148 LA RRI Manado: OM tlk in Oriental lang (Blaize) most likely, reb.
 3225 1342 CA RRI Tanjungpinang: Indo w/ local pops (Cleveland 10/13)
 3250v 1402 JPN RRI Banjarmasin: Indo w/ ID "Nusantara Tiga" (Wakisaka 10/26)
 3326 1445 CA RRI Palangkaraya: OM Indo tlk, pos, ID, IS, nx (Cleveland)
 3985 1252 JPN RRI Blak: Indo pops, ID, Jakarta/lcl nx, 1358* (Wakisaka 10/25)
 4000t 0938 JPN RRI Kendari: Indo tlk, UP ID, pops, 1032 own ID (Wakisaka)
 4719 1028 AK RRI Ujung Pandang: Indo w/ long tlk by OM (Tilbury)(Blaize LA)
 4764 1351 CA RRI Medan: Indo YL w/ tlk, severe het, local pops (Cleveland)
 4789t 1154 OH RRI Fakfak: 50s pop mx, 1159-1202 OC, then back w/ nx (Moritz)
 4845 1246 SC RRI Ambon: C&W mx in EE, Indo ID, IS, 1300 nx (Donly 11/9)
 4855t 1140 AK RRI Palembang: Indo tlk by OM (Tilbury 11/5)(Bryan CA)
 4927 1532 JPN RRI Jambi: Indo w/ kroncong, ID w/ gelombang, 1559* (Wakisaka)
 4955 1105 OH RRI Banda Aceh: YL w/ pgrm of mideast mx, chants (Moritz 11/6)
 4980 0850 JPN RRI Ujung Pandang: Indo rock mx, ID (Junqua 11/1)(on 4985 Worob)
 5205 1106 JPN RRI Palangkaraya: Indo nx, ID, pop mx (Wakisaka 10/25)
 5260t 1346 CA RRI Sibolga: OM w/ Indo tlk, het (Cleveland 10/25)
 5886v 1127 CA RRI Pekanbaru: Indo w/ YL/OM tlk, mx, 1200 nx (Naylor)(Hall CA)
 6045 1341 CA RRI Jakarta: Indo OM w/ tlk (Cleveland 10/25)
 11789 0830 CA V. of Indonesia: EE tlk, mx (Rounds 10/16)(1258 JJ, then 1300
 FF w/ Gamelan mx, TC, ID Utter NY)(EE @ 1429 Maghakian NY)....

IRAN
 7215nf 1525 OR VOI: Parsi tlk, Persian mx, 1531 ancmts, 1540 off suddenly, test tones then back on (Bodell 10/30).....
 9022 2004 IN VOI: EE w/ OM nx (Pecenka 10/30)(Beaudoin CT)(Bryan CA)
 9720nf 2340 OR VOI: Persian mx, classical mx, 0000 Parsi nx (Bodell 11/17)
 15084 2000 NJ VOI: EE ID, nx, cmtry, Persian mx (Koval 11/7)(Baldwin NC) (Parsi @ 1340 Klemens NJ)(Pecenka IN)(Naylor CA)(@ 0630 Tilbury)

IRANIAN RADIO

IRAQ
 3243t 2140 ME R. Baghdad: AA w/ Qu'ran, no ID (Rogers 10/23)
 9745 *1930 ONT R3I: EE ID, mx, nx, cmtry (Skora 10/22)(Baldwin NC)(Arneson (AA @ 1830 Trautschold WI)(GG @ 2030 Carrier FL)(on 9755 Stone)
 11720m 1558 OR RB: AA mx, 1600 chimes for 6, nx, under CBC, 11723L (Bodell)
 11905 0330 TX RB: AA w/ Iraqi/Western mx (George)(Donly SC)(Zimarowski MA)

ISRAEL
 5882 0430 WI IBA HS: Hebrew tlk, mx, // 7465, to NA (Zilmer ???)
 5900 0500 WI IBA: EE w/ nx, also 2000,2230, // 7412, 11655,11960 (Zilmer)
 5990 0500 MA IBA: EE TPs, ID, TC for 7, lcl nx, wx (Lobdell 11/10) unlist.
 7412 2235 ITALY IBA: EE nx, ID, "Jewish World Nx" (Marable 10/28)(Prath FL) (@ 2000 Johnson FL)(@ 0500 Franck VA)(Peterson CT)(Earhart PA)
 7465 *0400 IN IBA HS: Organ? IS, Hebrew ID, nx, ads, mx (Pecenka 11/3)
 9435 2230 FL IBA: EE nx, press review, "TGIF" (Johnson 10/7)(Mappin WA)
 9815 2230 CA IBA: EE w/ ID, wrld, Israeli nx (Rounds)(Carrier FL)(Jones MS)
 11655 2230 IL IBA: EE lcl nx, ID (Lévesque)(Howarth WA)(Thompson NM)(Seiler)
 11960 0502 CA IBA: EE nx, wx, editorials (Grenier 11/8)(Carrier FL)(Zilmer)
 15105 1200 WI IBA: EE nx, wx, ads, // 11960, 11810, 1655, 15512 (Zilmer)
 25605 1400 TN IBA: Yiddish w/ TC, ID, only active 11 mb station (Hauser 10/9)

VOICE OF ISRAEL

JAPAN
 3910 1020 AK FEN: EE w/ pop mx, OM DJ (Tilbury 11/5)(Saede CA)(Cleveland)
 6030 1230 MS R. Japan: RR w/ IS, "Govorit Tokyo" (Jones 10/30)
 6055 1538 BC NSB: EE w/ "Tokyo Forum," ID (O'Brien 11/5)(Hall CA) & 2100
 9505 0600 BC RJ: EE w/ "Current Topics" (Seiler) now 05, 06, 07, 19, 20,
 9525 1157 CA RJ: IS, EE/JJ ID, Burmese pgrm (Hall 10/25)
 9585 1415 MA RJ: EE w/ feature (Lobdell 11/12)(Brooks CT)(Fraser MA)(Seiler)
 9595 1448 SC NSB: JJ tlk, US mx, ID, EE ads (Donly 11/5)(Rounds CA)(Bryan)
 9605 2344 NJ RJ: EE w/ reading hbts in JJland (Lindsey 10/29) unlisted
 9670 1610 NM RJ: Swahili, 1630 EE, IDs, freqs, nx (Thompson 10/24)(Hall CA)
 9760 0453 BC NSB 2: JJ w/ sports scores, horse race (Dutkowski 10/24)
 11705 2340 MA RJ: IS, EE ID, nx, freqs, tlk, // 15270 (Smith 10/26)(Lobdell)
 11815 2100 BC RJ: EE IDs, nx (Dutkowski 10/24) | Listen to Radio Japan
 11840 1337 CA RJ: Indo w/ OM nx, ID, mx (Bryan 10/23)
 11875 0945 CA RJ: EE tlk on hijackings, mx (Miller 10/31)(Bryan CA)
 15105 0157 OH RJ: EE ID, nx, feature on winemaking in JJ (Kavalesky)+ 18
 15195 2200 BC RJ: EE w/ nx, cmtry (Seiler)(Hodsdon MN)(Yajko PA)(Bryan CA)
 15270 0035 NY RJ: EE w/ world nx, ID (Yacono)(Skora ONT)(Peck NY)(Smith FL)
 15325 0750 CA RJ: FF tlk, mx, ID (Thompson 10/20)(Dutkowski BC)
 15420 0130 CA RJ: EE ID, nx (Dawson 10/28)(Hall CA)(Thompson NM)(Bryan CA)
 17725 *0057 FL RJ: JJ/EE IS, ID, EE nx (Smith 10/6)(Stone ONT)(Carrier FL)
 17825 0212 PA RJ: EE nx on hijacking (Earhart 10/29)(Yajko PA)(Naylor CA)

JORDAN
 9560 1650 SC HKBS: EE w/ cl mx, TC, ID, fanfare, nx, mx (Donly 11/12)
 11920 0544 SC HKBS: AA tlk, Western/AA mx, TC, ID "Huna Amman," nx (Donly 11/8)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA
 2745 1322 CA Sinuju: KK tlk by OM, KK mx (Bryan 10/11)(Naylor CA) P. O. Box 909
 3320 1405 CA R. Pyongyang: FS w/ KK tlk by OM/YL (Bryan 10/11) Amman-Jordan
 3560 1300 CA RP: EE w/ IS, YL ID, OM/YL ID (Bryan 10/25)
 6338 1607 CA RP: AA w/ OM tlk (Bryan 10/13)
 6400t 1115 NY RP: FS in KK tlk by YL, KK mx (Maghakian 10/19)
 6540 1448 CA RP: JJ svce w/ KK mx (Dawson 11/8)
 6600 1540 CA KCBS: KK mx (Dawson 11/8)(Bryan CA)
 6770 1444 CA RP: KK tlk by OL, RR type choral mx, 1450* (Thompson 10/29)
 9420 *0730 FL RP: EE w/ political cmtry, KK mx, 0750* (Carrier)(Dutkowski)
 9977 1240 MA RP: tlk, ID, 1250* (Smith)(Franck VA)(Thompson CA)(Blaise LA) (*2300 Seymour NC)(Yohana NJ)(Utter NY)(Zilmer WI)(Compston).
 11350 1120 NY KCBS: KK tlk by OM/YL (Maghakian 10/7)(@ 2245 Zilmer WI)
 11535 1210 CT RP: EE w/ Korean nx (Beaudoin 10/30)(Maghakian NY)(Zilmer WI)

REPUBLIC OF KOREA

6135 1517 CA R. Korea: KK OM w/ ID, nx, YL tlc (Bryan 10/13) **KBS**
 9525 0829 CA RK: ID, KK mx, 0830* (Rounds ???)
 9640 0600 CA RK: EE w/ YL nx (Wall 10/18)(@ 1638 Bryan CA)(Grenier CA)
 9665 1140 NJ RK: EE YL w/ tlc, ID (Cohen 10/26)
 9675 0617 BC RK: EE tlc, VOA 9670 QRM (Seiler 10/16)
 9720 1800 CA RK: EE w/ "Melodies of KK" (Thompson)(Zilmer WI)(O'Brien BC)+
 11860 1130 ME RK: EE w/ nx, ID (Rogers 10/18)

KUWAIT

11940 1448 OR R. Kuwait: cont. AA singing, then YL ancmt (Bodell 11/4)
 12085 1930 NY RK: EE YL reading poetry interspersed w/ pop mx (Kaufman 10/15)
 (Angeloni NY)(Arneson MO)(Lévesque IL)(Carrier FL)(Donly SC)...

LAOS

6130 1139 CA NRBS: Lao tlc by OM, Oriental mx (Hall 10/26) **RADIO KUWAIT**

LEBANON

9675 0233 NY R. Beirut: EE w/ world nx, ID (Yaceno 11/2) 111?, reb.

MALAYSIA

4845 1447 CA R. Malaysia Kuala Lumpur: Bahasa Malaysia w/ lcl mx (Cleveland)
 4985 1345 CA RM Penang: BM/EE w/ pop mx (Cleveland 10/21)
 5965 1414 CA RM KL: BM w/ OM tlc, chants (Bryan 10/13)
 6050 1445* CA Suara Malaysia: Viet tlc by YL, OM ID (Bryan 10/13)
 6195 1335 CA BBC Tebrau: EE w/ "World Radio Club" (Hall 10/14) **BBC**
 7295 1515 CA RM Penang: EE w/ drama, mx, OM ID (Bryan 10/19)
 9665 1412 CA RM KL: BM OM w/ scientific tlc (Bryan 10/21)
 9710 1540 CA RM Penang: BM w/ semi-classical mx, tlc (Hall 10/24)
 9740 1245 CT BBC Tebrau: EE w/ sports report (Beaudoin 10/8)(Rounds CA)
 9750 1543 CA Suara Malaysia: Indo w/ lite mx, OM host (Hall 10/24)
 11750 1410 VA BBC Tebrau: EE pop mx request progr, tlc (Franck 10/19)(Bryan)
 11955 1802 CA BBC Tebrau: EE world nx read by YM (Thompson 10/18)
 15435 *2300 NJ BBC Tebrau: EE w/ world nx, fluttery (Cohen 10/29)(Beaudoin)
 17880 0023 CA BBC Tebrau: EE OM w/ nx (Hall 10/30)

MALAYSIA SABAHSabah

4970 1416 CA R. Malaysia Sabah: Bahasa Malaysia w/ pop mx (Bryan 10/13)

Sarawak

3385 1400 CA R. Malaysia Sarawak Miri: BM w/ TPs, ID (Wall)(Cleveland CA)
 4835 1005 AK RMS Kuching: BM nx? by OM (Tilbury 11/5)(Bryan CA)(Cleveland)
 4950 1417 CA RMS Kuching: EE economic tlc, mx, ID (Thompson 11/11)(Grenier)
 5005 1146 CA RMS Sibiu: Iban tlc, TC, YL mx (Naylor)(Tilbury AK)(Bryan CA)
 5030 1230 SC RMS Kuching: Bidayuh ID, TPs, tlc, US folk mx (Donly 11/8)
 7160 1440 CA RMS Kuching: EE YL w/ nx, ID (Wall 10/10)
 7270 1430 CA RMS Kuching: indig. lang. svce w/ island mx, ID (Wall 10/7)

MALDIVES

4740 1723 JPN RM: EE w/ pops, ID by YL, anthem, 1732* (Wakisaka 11/6)

NEPAL

3425 1201 OH RN: OM w/ Nepali tlc, subcontinent mx, mere tlc (Heritz 11/6)

PAKISTAN

3345 1513 JPN RP Rawalpindi: Urdu/EE w/ nx, lcl pops, ID (Wakisaka 10/18) only
 4060 0020 OR PBC Islamabad: Qu'ran, then Urdu tlc (Bedell/Hickman 10/16)
 7095 2055 NY RP: u/lang w/ Pakistani songs (Maghakian 10/30) unlisted
 11640 2120 LA RP: EE tlc, local mx, anthem (Martin 11/1)(Peck NY)
 15110 1115* MA RP: EE w/ slo speed nx, ancmts (Lobdell 10/19)(Tilbury AK)
 15520 1645* NJ RP: EE w/ Pakistani mx, 1630 slo speed nx (Koval 11/6)
 17665 1525 OH RP: EE tlc by OM, mx (Kavalesky)(Maghakian)(Beaudoin)(Tilbury)

Azad Kashmir

3860 1805 JPN AKR: Kashmiri? w/ nx, ID (Wakisaka 11/6) **RADIO PAKISTAN**

PHILIPPINES

3286 1500 JPN DPI Radio One: EE nx, jingle, 1505* (ex 1405*) (Wakisaka) daily
 3345 1501 JPN FEBC: EE relig. progr, ID, 1505* (ex 1400*) (Wakisaka 10/26)
 5955 1407 CA VOA: Burmese OM w/ nx (Bryan 10/13)
 6110 1500 CA VOA: EE OM ID, nx on energy crisis (Bryan 10/13)
 6120 1511 CA FEBC: EE w/ relig mx, ID, bible lesson (Bryan 10/13) **VOA**
 6160 1521 CA VOA: CC OM tlc (Bryan 10/13)
 7205 1444 CA VOA: Indo OM nx, tlc on Jimmy Carter, ID (Bryan 10/19)
 7210 1623 CA VOA: Bengali OM nx (Bryan 10/13)
 7225 1050 WI FEBC: JJ s/off ancmts, then 1100 EE relig progr, ID (Traut-
 schold 11/5)(Maghakian NY)(Rogers ME)(Thompson NM)(Miller CA)

PHILIPPINES (continued)

7240 1455 CA VOA: Viet YL tlk, EE ID by OM (Bryan 10/19)
 9545 0000 CA VOA: EE OM w/ ID, nx (Bryan 10/26)
 9555 1315 CA VOA: CC OM /YL tlk (Bryan 10/21)(Yajko PA) (Miller)
 9580 0910 CA VOP: "Hello Neighbors" w/ Julie's dedications to SPEEDXers
 9630 0848 CA VOA: RR tlk about Cyrus Vance (Hall 10/24)(@ 1349 Bryan CA)
 9497.377 1217 OKI unid *1100, relig. mx, Manila address (Hardester) FEBC? reb
 9715 1703 CA FEBC: RR w/ relig tlk, ID, address, Mayak RM (Thompson 10/19)
 9725 1435 CA VOA: Burmese w/ pop mx, piano mx, vocals (Bryan 10/21)
 9760 1500 CA VOA: EE w/ piano mx in "Music USA", TPs, nx (Bryan 10/21)
 11765 0840 CA FEBC: EE w/ relig pgm, coin collectors prm, IS (Thompson 11/8)
 11840 0845 CA AFPTS: EE tlk (Rounds 10/10)
 11895 1425 CA VOA: Viet OM nx (Bryan 10/23)
 11920 2107 BC FEBC: JJ YL reading nx (Dutkowski 10/24) **VOP** CA)
 11955 1500* MA R. Veritas: EE nx, tlk on PI, ID (Miller)(Zimarowski)(Miller)
 11965 1400 CA VOA: CC OM tlk, mx TPs, ID (Bryan 10/23)
 15150 0110 NM VOA: EE w/ cmtry, economic tlk, mx (Thompson 10/12)
 15290 2310 GA VOA: EE w/ "Breakfast Show" (Poole 10/16)(Bryan CA)
 15395 0440 BC FEBC: EE relig pgm, nx (Newell 10/14)
 17800 0200 CA VOA: Hindi tlk, "Yankee Doodle," OM EE ID (Bryan 10/26)
 17810 0020 VA FEBC: EE w/ address, freqs, nx (Schweikart)(Maghakian)(Zilmer)

QATAR

9570 0259 OR QBS: Qu'ran, then YL AA tlk, also ar. 1500 (Bodell 11/18)

SA'UDI ARABIA

6130 2200 WI BSKSA: AA mx, tlk, chanting (Blaize 10/20)
 11855 2026 TN BSKSA: EE interview w/ Americans, cmtry, orchestral mx, 2201* (Dalum 11/6)(Smith MA)(Zimarowski MA).....
 11950 1449 OR BSKSA: Qu'ran, then AA mx (Bodell 11/4)
 23710+ 1351 TN BSKSA? w/ "a bit of a 'wall' here," 2 x 11855 (Hauser 10/8)

SINGAPORE

5052 1537 CA RS: EE nx, ID, pop mx (Grenier 10/23)(// 5010 Bryan CA)
 6155 1130 CT RS: B. Malay. w/ tlk (Beaudoin 10/28)(Hall CA)
 9635 1122 SC RS: CC tlk by OM/YL, TPs, 1145 ID, nx (Donly 10/25)

SRI LANKA

9720 0045 MN SLBC: EE OM w/ mx at daybreak (Hodsdon 10/15)(Maghakian NY) (@ 1644 Utter NY)(Bryan GA)(Hall CA)(*1845 Zilmer WI).....
 11745 *0100 NC VOA Colombo: EE nx, don't confuse w/ Dixon on 11/40 (Seymour)
 11800 1634 ALB SLBC: Hindi w/ subcont mx (Pimblett 11/11)(@ 0209 Bodell OR)
 11835 1110 TN sta. w/ Greek mx, ID as SLBC, relig. pgm, 1131* (Hauser 11/1)
 SLBC: EE w/ ID, TC @ 1116, relig hymns (Lobdell 10/18).....
 11955 1930 WI SLBC: EE w/ sports report, // 9720 (Zilmer 11/6)
 15120 1900 ONT SLBC: EE nx, mx, ID, sports, to Europe (Stone)(Tilbury AK)

TAIWAN

7130 1303 CA VOFC: CC (Amoy) w/ OM cmtry (Hall 10/25)
 9510 1210 CT VOFC: CC (listed) w/ tlk, EE songs (Beaudoin) JJ 1s 1100-1200
 9630 1210 CA Central Broadcasting Sta.: CC OM tlk, flute mx (Hall 10/17)
 11825 1328 CA VOFC: CC (Amoy) OM/YL w/ drama, mx (Bryan 10/23)(Thompson CA)
 11860 1306 CA VOFC: CC (Amoy) tlk by YL (Hall 10/19)
 15345 0315 CA VOFC: EE YL w/ Asian nx, ID (Bryan 10/16)(Dutkowski BC)
 15425 2355 CT VOFC: CC w/ IS (differs from WRTH), s/on w/ nx (Brooks 11/6) (Thompson CA)(Smith MA)(EE @ 0100 Martin LA)(Schweikart VA).
 17890 2150 OH VOFC: EE w/ nx, QSL info, political cmtry (Kavalesky)(Seller BC)(Zimarowski MA)(Thompson NM)(Maghakian NY)(Tilbury AK).....

20 only)

THAILAND

4831m 1755 JPN RT: HS w/ Thai tlk, lcl mx, ID, anthem, 1803* (Wakisaka 10/
 11905 0830 CA RT: Thai w/ folk mx, tlk by YL (Rounds 10/16)

TURKEY

7275 *2200 MA VOT: IS, EE ID, under RR/DW (Fraser 10/9)(Blaize LA)
 9515 *2200 FL VOT: EE nx, press summary, cmtry, TT mx, "DX Corner (Johnson) Willis PA)(Yacono NY)(Jones MS)(Arneson MO)(Hook FL)(Prath FL)
 11800 1740 PA VOT: Turkish mx, w/ vocals (Earhart 10/29)

RADIO MOSCOW

UNION OF SOVIET SOCIALIST REPUBLICS

3995 1343 CA Nikolaevsk Na Amure w/ RR w/ folk mx (inc. bagpipes)(Cleveland)
 4040 1322 CA Vladivostok w/ RR folk mx, // 3995 (Bryan)(Cleveland CA)
 4395 1455 CA Yakutsk w/ RR w/ US pop mx (Bryan 10/11)
 4485 0701 BC R. Tiky Okean via PK w/ chime IS, ID, mx (Newell 10/16)
 4940 1427 CA Yakutsk w/ OM RR tlk, classical mx (Bryan 10/25)

U. S. S. R.
6050 1147 CA RM via Nikolaevsk: KK tlc, mx IS, then CC (Naylor 10/17)
6115 1145 CA Khabarovsk w/ RR opera mx (Hall 10/25)
6165 1329 CA Vladivostok w/ RR tlc by OM, march mx (Hall 10/19)
6185 1358 CA RM via FE site: CC tlc, IS, under VOA (Hall 11/11)
6190 1146 CA Khabarovsk w/ RR opera mx (Hall 10/26)
7150 2330 PA RM: EE nx, reviews (Drumheller 10/24) is European site, reb
7175 1640 ALB Petropavlovsk Kamchatskiy w/ RR orchestral mx, tlc (Pimblett)
7210 1719 CA Khabarovsk w/ RR folk mx, OM ancr (Bryan 10/11)(Maghakian NY)
7230 1357 CA Nikolaevsk w/ RR orch mx, Mayak IS, YL ancr (Cleveland 10/21)
7300 0630 BC RM via PK: EE nx, tlc on 60th anniv. Oct. Rev. (Seller 11/8)
9500 0830 CA Magadan local w/ YL tlc. inst. mx (Gaede 10/23 (Newell BC)
9590 0107 CA Sverdlovsk? w/ RR opera mx (Gaede 10/25)
9635 0414 BC RM via Khabarovsk: EE tlc Byelorussians in WW 2 (Newell 10/20)
9705 0600 CA RM via FE site: EE nx of the Soviet Union (Gaede 10/13)
9745 0220 CA RM w/ u/lang tlc, mx, IS, ID? (Mitchell 10/25) European site
9780 1221 CA RM via Irkutsk: CC OMs/YL tlc on USSR (Hall 10/17)
11785 1200 CT Peace & Progress via Sverdlovsk: EE nx, // 11710 (Beaudoin)
11960 1329 SC P & P via Asian site?: EE IS, s/on, ID, cmtry (Donly 11/4)
11990 0500 CA Vladivostok w/ Mayak IS, ID, RR prgm (Hall 10/18)(Newell BC)
15100 0001 CT RM via Vladivostok: EE nx (Beaudoin)
15180 0028 BC R. Rodina via PK w/ ID, then 0030 Kiev (Newell 10/20)
15295 *0530 CA RM via Asian site?: CC w/ poor reception, fading (Gaede 11/7)
15485 2300 MN RM via FE site: EE OM mx, mailbag, // 15180 (Hodsdon 10/29)
19270h 0257 BC RM in EE, then Kiev, is 2 x 9635 via Khabarovsk (Newell 10/12)

Armenian S. S. R.
17700 1331 CT RM via Yerevan: EE nx to Africa (Beaudoin 10/19)
Hickman 11/16
Kazakh S. S. R.
5035 *0100 OR RM via Alma Ata: IS, CC prgm, w/ tlc, mx, // 9625 (Bodell/
6180 0110 OR Alma Ata 1: RR w/ AM exercises by YL, // 5970, 11950 (Bodell)

Kirgiz S. S. R. (Kirghiz S. S. R.)
4050 1527 OR Frunze 2: opera mx, RR tlc by OM, FFS QRM (Bodell 10/30)

Tadzhik S. S. R.
4635 0105 OR Dushanbe 1: RR nx by OM/YL (Bodell/Hickman 11/16)

Uzbek S. S. R.
5925 0130 OR Tashkent: RR tlc by YL, under strong carrier (Bodell 11/17)
6025 *1200 MS RT: EE w/ IS, ID, sked, // 5975 (Jones)(Beaudoin CT)(Hall CA)
9600 1202 IN RT: EE nx, ID, cmtry on Oct. Rev., mailbag (Pecenka 10/29)
11730 *1200 NY RT: EE tlc, Uzbek folk mx (Peck)(Rogers ME)(Earhart PA)

VIETNAM 10/19
4677 1345 JPN Binh Tri Thien, Hue (FEDXR): VV tlc, ID, march mx (Wakisaka
4707 1516 JPN Quang Ninh: Viet mx, tlc, 1529* (Wakisaka 10/20)
4782 1206 JPN Cao Lang (FEDXR): Viet tlc, mx (Wakisaka 11/3)
4820 1202 JPN Ha Tuyen (FEDXR): Viet tlc, mx (Wakisaka 11/3)
4937 1521 JPN Hanoi 1: Viet tlc, mx, ID (Wakisaka 11/3 only)(Bodell 11/17)
4943 1215 JPN Hanoi 1: Viet tlc, mx (Wakisaka 11/4+)
6165 1327 CA Ho Chi Minh City R: Viet w/ songs by YL (Hall 10/19)
7416 1525 CA Hanoi 2: Viet OM tlc (Bryan 10/19)
7512t 1110 NY Tay Nguyen: Lao? tlc by OM/YL (Maghakian 10/7)(Zilmer WI)
9840 1145 WI Tay Nguyen: Viet tlc, lcl mx w/ choral group, // 7512 (Zilmer)
10040 1538 CA VOV: EE nx, cmtry (Ricci 11/1)(Carrier FL)(Thompson CA)
10050+ 1135 ME Hanoi 1: Viet tlc, mx interlude (Rogers)(Maghakian)(Beaudoin)
15009v 1216 PA VOV: JJ prgm, Viet mx (Yajko 10/23)

YEMEN ARAB REPUBLIC 10/23
4853t 2305 NY F. Sana': AA w/ Yemeni folk mx, chorus, flutes, tlc (Peck

PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN
7190 1938 NY DYBS: AA w/ lively mx (Maghakian 10/27)(@ 1556 Bodell OR)

OCEANIA

AUSTRALIA kart VA)
4920 1300 SC ABC Brisbane: EE w/ TPs, ID, nx by OM (Donly 11/10)(Schwei-
6035 2100 NETH PA (C): EE nx, "Focus on Australia" (Beukelman 10/26) 18)
6115 0905 JPN unlisted ABC w/ world/NT nx, this date only, 8DR? (Junqua 10/
6140 0945 MS ABC Perth: EE w/ shipping info, rock mx (Jones 10/20)
6150 1255 MA ABC Melbourne: EE ID, nx by OM (Lobdell 11/11)(Donly SC)
9515 0946 PA RA (S): EE w/ pop mx, // 9540, 9550 (Yajko)(Carrier FL)
9560 1450 NY RA (C): Cantonese w/ mx, tlc, EE ID (Maghakian 10/10)
9580 1300* IL RA (S): EE w/ s/off (Hallberg)(Kukan NJ)(Hackney TN)(Pecenka)
9600 2100 NETH RA (S): EE nx to PNG (Beukelman 10/24)

AUSTRALIA (continued)

10/22

9610 1356 OH ABC Perth: EE w/ "Side Show," "Singers of Renown" (Kavalesky)
 9670 1131 NY RA (S): EE w/ Aussie nx, C & W mx (Maghakian)(Carrier)(Zilmer)
 9680 1200 PL ABC Melbourne: EE nx, sports, arts (Prath 10/9)
 11720 0842 TN RA: final "DXers Calling" after 30 yr. run, protest should be sent to Asst. Dir. of English Pgrms, RA, Melbourne (Hauser 10/30)
 11725 1925 BC RA (S): EE w/ pop mx pgrm (Seiler 10/30)(Pecenka IN) / 30)
 11880 1440 OKI RA (S): final airing of "DXers Calling" (Hardester 10/30)
 11900 1500 SC RA: EE w/ IS, nx, ID, cmtry on uranium (Donly)(Kavalesky OH)
 15140 0545 VA RA (S): EE tlk show, discussion (Franck 10/29)
 15160 0439 MD RA (L): EE w/ nx, sports (Chituck 10/30)(Bryan CA)
 15205 0445 FL RA (S): EE/FF w/ OM ancr, pop mx (Carrier 10/5)
 15320 0145 TN RA (S): EE w/ C & W mx (Hackney 10/19)(Ricci CA)(Martin LA)
 15355 0600 VA RA (S): EE tlk, ID, world nx (Franck 10/29)
 15425 2350 CT ABC Perth: EE pgrm, VOF QRM (Brooks 11/6)(Smith MA)
 17745 0605 VA RA (C): EE nx (Franck 10/29)
 17795 0105 ONT RA (S): EE nx, folk mx (Stone 10/14)(Yajko PA)(Earhart PA)
 17870 0328 MD RA (S): EE mx, ID (Chituck 10/30)(Bryan CA)
 21455 2258 CA RA (S): EE OM w/ IDs, freqs, IS (Hall 11/9)

COOK ISLANDS

COOK ISLANDS

(Tilbury AK)

5045 0735 MA RCI: EE island mx, RA nx @ 0800, // 11740 (Zimarowski 10/22)

GUAM

doin CT)

9640 1123 MA TWR: EE relig mx, ID, then CC (Lobdell)(Donly)(Rogers)(Beau-
 11705 1500 CA TWR: IS, then s/off, under RA, VOA QRM (Wall 10/19)
 15115 2200 TN TWR: EE w/ "Back to the Bible," // 15155 (Hauser)(Maghakian)
 15175 *2200 CA TWR: EE YL w/ ID, freq, relig pgrm, anc'd // 11705 (Thompson)

NEW CALEDONIA

3355 0745 AK R. Noumea: FF w/ oldies rock mx (Tilbury 10/15)
 7170 0925 NJ RN: FF w/ jazz mx, OM DJ (Kukan 10/30)(Yajko PA)(Rounds CA)
 11710 0750 MA RN: FF w/ lite mx, ancmts, // 7170 (Zimarowski 10/29)

NEW ZEALAND

6105 0840 MA RNZ: EE nx, wx, Nat. pgrm ID (Miller 10/27)(Yajko PA)(Rounds)
 11705 0500 MO RNZ: EE w/ mx, tlk (Arneson)(Smith MA)(Franck VA)(Peterson CT)
 11820 0745 BC RNZ: EE quiz show, ID, 0800 TPs, marine wx (O'Brien 11/8) nf?
 15130 1845 CA RNZ: EE folk mx, IDs, bird IS, TC, wx (Thompson)(Martin LA)
 17210 2350 BC RNZ: test xsmn w/ pop mx, IDs (O'Brien 11/5)

PAPUA NEW GUINEA

(Moritz OH)

2428 1235 MJ R. New Ireland: Pidgin w/ choral mx, ID (Koval 11/5)(Donly SC)
 3322 0830 AK R. No. Solomons: Pidgin w/ Beatles mx, ancmts (Tilbury 10/15)
 3335t 1040 MA R. East Sepik: Pidgin tlk, EE/island mx (Lobdell 10/14)
 3360 0915 AK R. Milne Bay: Motu w/ icl mx, OM/YL ancmts (Tilbury 10/15)
 3385 1130 MS R. East New Britain: Pidgin w/ C & W mx, EE TC (Jones 11/8)
 3905 1018 AK R. Manus: Pidgin w/ local mx (Tilbury 11/5)
 3925 1028 MA NBC: EE w/ island mx, ID, TC, current affairs (Zimarowski)
 4890 1130 CT ABC: EE mx, ID (Peterson)(Koval NJ)(Schweikart)(Trautschold)

SOCIETY ISLANDS

6135 0445 LA RT. Tahiti: FF interview, Tahitian mx (Martin 10/29)
 11825 & 0309 PA RT: FF w/ EE/Tahitian mx (Earhart 10/8)(Rounds CA)(Peck NY)
 15170 (Hodsdon MN)(Thompson NM)(Somers CA)(Donly SC)(Dutkowski BC)..

SOLOMON ISLANDS

5020t 1150 VA SIBC: EE w/ relig pgrm, GSTQ, 1203* (Schweikart 10/16)

----- D A T E L I N E -----

COOK ISLANDS-new address for RCI is P.O. Box 126, Avarua, Rarotonga...WRTHNL..

INDIA/Kashmir-R. Kashmir's sked is: on 3277 (0130-0200, 1130-1705), 4860 (0215-0400), 5110 (0415-45, 0600-1100, Su. 0415-1100)...thanx to Satoshi Wakisaka..

LEBANON-Beirut's proposed sked is: Pgrm 1 on 5980 (0445-0730, 1630-1900), on 9545 (0930-1615); Ext. svce on 9510 (or 11820) (1815-2030), 9570 (or 11810) (2230-0100), 9525 (or 11825) (0100-0330).....WRTH Newsletter...

SYRIA-Damascus has been observed in FF (1900-2030, EE (2030-2200) on 6200.BBCMS

Thanx to a record 97 reporters this month and especially to all the new ones. Had to cut rather severely and of course eliminate the SIO, which has questionable value anyway. Comments??? Please remember to send only your best loggings and check for completeness, accuracy, and legibility. No need to send more than one report for each freq, and list all // freqs heard on one logging. Hope you all have a Happy Holiday Season, and our particular best wishes for a speedy recovery go to our good friend GIB JUNQUA.....73. Bob 10/20/77

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

LARRY TALBOT
N84 W15119 Knoll Terrace
Menomonee Falls, WI 53051

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

What a fantastic turnout this month! 56 reporters is a record. Welcome to the many new reporters & welcome back to the "regulars". Once before I said that I would try to expand the section beyond EE to NA & we were blessed with a couple of 4 page months. This is not an easy task for HQ. Either something has to get "bumped" or 3 more pages of something else has to be found in order to increase skeds by 1 page. There is also the possibility that SFEEDX is as fat as it can get without going into a higher postage bracket. Anyway, we are going to try. Red face department: Last month I made 2 errors, both involving GMT. One in Norway where I tried to explain GMT dates. I said 0000 GMT is 7 PM CST. It's not. 6 PM is correct. In Egypt I disputed R. Cairo's conversion of GMT to EST but they are right. My apologies to all who thot they lost their sanity. I'm going to blame it on daylight saving time or something. Merry Christmas to All. Larry.

ALBANIA, R. Tirana, EE to NA, 1/2 hr @
0130, 0230, 0330 on 6200 & 7300.
Martin.

AUSTRIA, ORF, sked changes: To Eur
9585 ex 9620 1900-2200. To Au/seAsia
17815 ex 17720 0600-0900 & 17710 ex
17725 0900-1300. Fraser, Maghakian.

BELGIUM, BRT, 0015-0100 to NA on 6080,
to SA on 9685. DX pgm 2nd & 4th Su.
Subject to change anytime. Cuneo.

CANADA, RCI, to Americas,
0100 on 9535, 11940.
0200 on 6185, 9535.
0300 on 9560, 6185, 9535, 9605.
0400 on 5960, 9535. Monjure.

CHILE, La voz de Chile, EE @ 2310,
0110, 0310 on 11705, 15130, 15150.
Maghakian.

CHINA, R. Peking, changes to EE/NA
0000 9920 ex 11685. 0100 & 0200 on
7120, 9780, 11450, 11945, 15060.
0300 9940, 12050, 15060?. Fraser.

CUBA, R. Havana, 2050 on 11685, 17750.
Hall.

DENMARK, hrd 1730-1800 to Greenland.
15165. Bdcsts are in Danish but they
will QSL the EE annemnt @ beginning
of pgms. Previously to NA @ 1200 &
1610 also. Johnson.

DOMINICAN REPUBLIC, R. Clarin, to NA
2300-0000 EE, 1800-2130 SS, 2230-2300
mx, 0000-0030 SS, 0030-0045 mx, 0045-
0200 SS. All on 15700. Rpts requested
Johnson.

ECUADOR, HCJB, EE
1215-1630 NA 11745.

ECUADOR, (cont)
1230-1630 NA 15115.
0400-0700 NA 11915, 9560.
0500-0700 NA 6095.
1215-1630 SA 11745.
1630-1800 Eur 17775, 15310. (17890?)
1900-2030 Eur 11955, 15300.
0700-0830 Eur 11840, 9525.
0630-0900 sPac 11900.
0700-1030 sPac 9745.
0830-1200 sPac 6130.
Seiler, Hall.

EGYPT, R. Cairo, EE to NA 0200-0330
9475, 7120. Pecenka.

ETHIOPIA, EE, 1000-1030 on 6185,
8072, 9610. 1500-1600 on 7165, 7180
16015. Willis.

FINLAND, RF has discontinued the
2300 EE to NA. Here is all the EE
0800-0925 f/E&Austral. 21490 250kw.
0930-0955 wEur 9550 100
This time cEur 11755 15
seg Sa-Su c&sEur/nAfr 15270 250
1300-1325 cEur 11755 15
NA 15105 100
fE/Au 15260 250
1325-1455 cEur (Su) 11755 15
NA (Su) 15105 100
1900-1925 sEur/mEast 11755 250
wEur/wAfr 9550 100
2030-2055 wEur/wAfr 9550 100
c&sEur 6120 250
Brooks, Brodsky, Diamond, Seiler,
Maghakian, Zilmer.

FRANCE, RFI, Paris Calling Africa EE
1700-1800. wAfr 17720, 15360.
c&sAfr 17850, 15300. eAfr/ind ocean
17800, 15200, 11930. nAfr 11845.
Snyder, Hill.

EAST GERMANY, RBI, Afr svc in EE

EAST GERMANY (cont) 1800-1900 15450.

Johnson.

WEST GERMANY, DW, EE incl latest chng

To North America:

0130-0150 6010, 6040, 6075, 6100, 9545
9565, 9605, 11865.

0530-0550 5960, 6100, 6135, 6185, 9545,
9590.

To central & east Africa:

0430-0515 6065, 7150, 7225, 9565, 9765.

1045-1115 11785, 15410, 17765, 17875,
21500, 21600.

1715-1745 7285, 9735, 11810, 11850.

To west Africa:

0600-0630 9615, 9700, 11765, 11905,
15275.

1200-1245 15410, 17765, 17875, 21600.

1930-2000 9765, 11905.

To South Asia:

0120-0220 6065, 7210, 7285, 9690.

1720-1750 7160, 9590, 11785, 11925.

To E. Asia, Australia, New Zealand:

0930-1030 9650, 11850, 15275, 17715,
17780, 17800, 21540.

2100-2200 7130, 9765.

Carrier, DuRant, Trautschold.

GREAT BRITAIN, BBC, EE World Svc

To Australia, New Zealand:

0545-0915 9640, 7150.0545-0730 5975.

0700-0915 11955. 0900-1130 15310.

0900-1615 11750 9740. 1100-1615 6195.

1430-1615 9410. 2000-2115 7120 5975.

2000-2245 11750 9410.

To Malaysia, Singapore, Asia:

0900-1130 21610 17695. 0900-1330 17790

0900-1615 15070. 1100-1615 12095.

1300-1830 9410. 2200-0030 9410, 5975.

To East Asia:

0000-0030 17880. 0900-0945 17880.

0900-1130 15280. 0900-1615 11750 9740.

0900-1830 6195. 2200-2245 7120.

2200-0030 11955 9570 6195. 2300-0030
15435.

To South Asia:

0000-0030 11955. 0145-0330 11955.

0900-1130 15310. 0900-1215 15420.

0900-1615 11750. 0900-1830 9740.

1600-1830 15310 11955. 1645-1830 7180.

2300-0330 9410. I see BBC no longer

indicates which relay rather just an

R indicating that it is one. Johnson.

Last months NA sked still good.

GREECE, ERT, to Mar 5

0000-0150 Greek/EE/FF 11730, 9760. NA.

0200-0350 Greek/EE 11730, 9760 to NA.

1200-1250 1500-1550 Greek/EE 17830,

15345, 11730 to NA.

1900-1950 Greek/EE/FF/GG 9530, 7215,
6140 to Europe.

0900-0950 Greek/EE 15160 9655 Austral.

2100-2150 Greek/EE 9760 9655 6140 Aus.

2200-2250 Greek/EE 9655 to Australia.

1000-1050 Greek/EE 15345 11760 Japan.

1800-1850 Greek/EE 17830 15345 11925
to sAfrica.

2200-2350 Greek/PP/SS/EE 9760 6140 SA.
Underlined=except Tu. Dalum, Willis.

GUAM, KTW, to Mar 5

GUAM (cont)

0900-0930 EE 15115 Indones/Malaysia

0915-0930 EE 9640 Japan

0930-1000 JJ 9640 Japan

1000-1100 EE 15115 Indo/Malaysia

1000-1100 EE 9640 Japan

1430-1500 EE 11705 seAsia/India.

1430-1500 EE 9670 seAsia.

2200-2300 JJ 11705 Japan.

0030-0130 EE 17855 seAsia/India.

Lobdell, Dalum.

GUATEMALA, TGN, 3300, 5955, 9505,

0245-0430 EE M-Sa, Su from 1830 Or

0045?? to 0400 or 0430??not clear.

Rpts requested. Dalum, Johnson.

HOLLAND, R. Nederland to Apr EE

0700-0720 wAfr L11875 L9770 L7210.

0730-0820 Au/NZ/Pac B9770, B9715.

0830-0920 Australia B9715.

0930-1020 Eur L9895 L9660 L7240

L6045 L5955.

1330-1420 Eur L9895 L7210 L6045

L6020 L5955.

1430-1520 seA M17855, M11740.

1830-1920 Afr M15375 L11730 M6020.

2030-2120 Afr B26140 (should this be

21640, thats the way it

reads in Sun Happy Stn.

Tnx to Dean Fick's eye)

B17810 M15220 L11740 M11730

2130-2220 Nae L9895, L9715, L6020.

0230-0320 Nae B9590, B6165.

0530-0620 NAW B9715, B6165.

L=Lopik, Holland, M=Madagascar,

B=Bonaire, Netherland Antilles.

Yohana, Prath, Compton, Peterson,

Zilmer, Somers, Bernstein, Yajko.

HUNGARY, R. Budapest, just recd #12

& there are changes. To Apr (so far)

1030-1100 Au/NZ/Japan 21525, 17715,

15160, 11910, 9585, 7155,
6040.

1200-1220 Eur 21525, 17785, 15160,

M-F 11910, 9585, 7155, 6040.

1430-1500 Asia 21525, 17710, 15160,

M-F 11910, 9585, 7200, 6040.

2100-2130 Eur 15225, 11910, 9655,

7200, 6110, 6060.

0200-0230 NA 17710, 15225, 11910,

Tu-Su 9585, 6160, 6080.

0300-0330 NA 17710, 15225, 11910,

9585, 6105, 6080.

DX pgm to Eur Tu & F 1515-1530 on

17780, 15160, 11910, 9585, 7215 5980

Dx pgm to NA W & Sa 0400-0415 on

17710, 15225, 11910, 9535, 6105 6000

Snyder, v.d. Velden, Earhart, Watts

Diamond, Compton.

ISRAEL, IBA, EE to Mar 4,

0500-0515 11960e, 11655b, 7412a,

5900a (alt 11760 9740)

1200-1230 17815a, 15512c, 15415a,

15105a, 11960a (alt 11710

11810)

2000-2030 9425d, 9009d, 7412a,

5900a (alt 11960 9740)

2230-2300 9815a, 9435f, 7412a,

5900a (alt 11960 7125)

ISRAEL (cont)

a=NA/wEur. b=WCNA. c=s&e Asia d=Afr.
e=Au/NZ. f=ECNA/Carib. Zilmer, Fraser
Maghakian, Brodsky, Earhart, Bernstein
Johnson.

ITALY, RAI, EE TO Feb.

0100-0120 NA 9575, 6010.
0350-0410 sAsia 11905 9710 9630.
0425-0440 Medit. 7275, 6075.
1935-1955 Gt Brit 9575 7290 7275.
2025-2045 nearE 9575, 7290, 6050.
2200-2225 Japan 11905, 9710, 5990.
Pecenka, Ishizaki.

JAPAN, NHK, EE to 4 Mar.

2015-2045 mE/nAfr 9700, 7250.
2345-0045 NA 15270, 11705.
0130-0230 NA 17225 17825 15420 15195.
0800-0830 Eur 15325, 17825.
1830-1900 Eur 9605, 7195.
0930-1030 Au/NZ 15235, 11875.
1115-1145 seA 11875, 9675.
1630-1700 seA/Afr 9670, 7250.
NHK gen svc of EE/JJ 30 min pgms begin
every hr on the hr. From 0500 9505.
From 0800 5990. From 1900 9505.
From 2200 15105. These beamed to NA.
Hall, Johnson.

KOREA, DPR, (North) KCBS R. Pyongyang
2300-0100 9977, 11535. Maghakian.KOREA, REP. (South) R. Korea EE to NA
0600-0630 1800-1830 9640, 9675, 9720,
11860.

To LA EE 1000-1030, SS 1030-1100
on 9580, 9525. Elder, Hall.

KUWAIT, RK, EE

0800-1100 to Arab. Gulf 9650.
to e/seAsia 15345.
1700-2000 to W Hemisphere 9650.*
2000-2300 to Arab. Gulf 9650.
to Eur 12085
to e/seAsia 11825.

*May change to 1800. Johnson, Willis.

LIBERIA, R. ELWA, EE & Afr lang. to Afr
freq. Sundays Weekdays Saturdays

4770 0655-2245 0630-0800 0630-2300
1555-2300
11950 0625-0800 0625-0815
1340-1700
11945 1800-2050 1800-2050 1800-2050
A. Diamond.

NEW ZEALAND, RNZ, TO Mar 5, Pacific svc

1800-2215 11960. 1800-0715 15130.
2230-0500 17710. 0515-0715 11780.
0730-1030 11820.
Australian svc 0730-1030 11820.
Sports bdcsts on selected days may run
2130-0600//other freqs carrying Nat pgm
Arthur Cushens DX World 1st Su/mo.
Mailbox pgm 3rd Su/mo. Both @ 0915.
2 IRCs required for QSL. Peters.
Planned bdcst of touring NZ rugby team
for 6105 but no times/dates given.

NIGERIA, VON, sked still "useful"
according to VONNIGERIA, (cont) EE

0600-0835 Eur/Mediterranean 15120.
w/Afr 7275.
e/Afr & mEast 11900.
1530-1700 Afr 7275, 11770.
eAfr/mEast 11900.
1800-1930 Eur/Mediterranean 15120.
wAfr 7275. c&sAfr 11770.
Somers.

NORWAY, RN, EE pgms GMT Sun/Mon.

0800-0830 Eur 5965. wEur/Au/NZ 9590
fEast/Indo 11850, 15175.
1200-1230 Eur 6015. Indonesia 9590.
SA 17800. mE/India/Indo/
Australia 21739.
1400-1430 Eur/Afr 9605. NA/CA 15175
17840. mE/eAfr 21730.
1600-1630 NA 11895, 15175.
Afr 17795. SA 21730.
1800-1830 Eur 6015. NA 11895.
wAfr 11935. Afr 15345.
2000-2030 Pacific 9590, 11850.
Afr 9645, 11935.
2200-2230 NA/CA 9590, 9610.
CA/SA 11850.
0000-0030 NA/CA 6180. fEast 9550.
fE/Indo 9610.
0200-0230 NA/CA 6180. NA 9590.
India/Indonesia 9645.
0400-0430 Pacific 6180. NA 9610.
mEast/eAfr 9550.
0600-0630 Eur/eAfr 9590. Pac. 9645
mE/eAfr 15175.

Underlined is 250kW. To mar 4.
Fraser, Earhart, Johnson, Batson,
Snyder, Bernstein, Brodsky, Diamond

PHILIPPINES, FEBC, EE

0100-0600 15395. (to 0800 Su)
0800-1000 11765, 11850.
0800-0945 15385. 1245-1400 15440.
1400-1630 11890. 1400-1700 6120.
2300-0100 11855. 2300-2330 21515.
2315-2345 15440 (Su 2230-0000)
2345-0600 17810. Thompson.

POLAND, Polskie R. To May EE

Rick Elder was lucky this mo, he
got the sked w/freq underlined.
0200-0400 NA 15120, 11815, 9525,
6135, 6095. Other skeds
(not underlined) from Tilbury,
Watts, Yajko, Talbot, Davis,
Hardester, Pecenka, Peters, Rogers,
Diamond. Not bad, 1 out of 11.

PORTUGAL, AWR/Europe

2100-2130 on 9670 every day.
1630-1700 on 9670 M&Th only.
0500-1000 on 9670 Su. only.
MALTA, AWR/Europe
0600-0700 9645. 0700-0800 9770.
0700-0800 9605. All 250 kW.
A. Peterson.

ROMANIA, R. Bucharest, EE to NA
0130-0230 & 0400-0430 5990, 6155,
6190, 9570, 9690, 11735, 11940.

Holiday Greetings and Best Wishes

ROMANIA, (cont)

1300-1330 Eur 15250, 11940, 9690.
1930-2030 Eur 7195, 6150.
2100-2130 Eur 7225, 5990.
0645-0715 Pac 17825 15340 15250 11940.
1200-1230 Asia 17785, 15345.
1500-1530 Asia 15250, 11940, 9530,
0530-0600 Afr 15340, 11830, 9685.
1730-1800 Afr 15365, 11790, 9685.
Johnson.

SOUTH AFRICA, SABC, Internal Svc.

Springbok Radio:11935, 9710 4810 3980.
EE svc: 11790, 9680, 4835, 3965.
Times remain as listed in WRTH.
Radio 5 has changed freq due to QRM
0300-0530 3320. 0530-1530 7170.
1530-2200 3320. Donly.

RSA has probably gone broke (hi) after sending out all those amendments but here is the new sked just in case.
0256-0426 eAfr 9585, 7270, 3995.
0550-0700 wAfr 17780, 11900, 15220.
1056-1158 c&eAfr 21535, 15220, 11900.
1300-1550 c&eAfr 21535(to 1456 M-F) 15220(to 1456 daily) 11900 (to 1450 M-F)

1556-1650 eAfr/mE 21535 11900 7270.
2056-2150 wAfr/Eur 15155 11900 9585.
2226-2320 NA 15155, 11900, 9585.
Buekelman, Somers, Zilmer, Kawchuk, Maghakian, Prath, Chituck, Carrier, Brooks, Yajko, Yacono, Bernstein, Cabos v.d.Velden, Watts, R. Peterson, Peters, Malone, Hoffman, Fraser, Gaede, Dalum, Grenier, DuRant, A. Diamond, Brigham, Ishizaki, Talbot. 28, another record.

SPAIN, RTVE,

0100-0400 NA b6065(4)
2030-2230 Eur a6100(2) a7155(2) a9505(2)
0100-0400 NA b11880(4)
a=Noblejas(Toledo) 6 350kW xmtrs.
b=Arganda(Madrid) 5 100kW xmtrs.
(2)=not Su. (4)=not Monday.
For anyone wishing to log CANARY ISL. there is a bdcst to CA/SA in SS @ 2045-2300 on 11880. Tenerife 2 50kW xmtr Link, Pecenka, Johnson.

SRI LANKA, AWR/ASIA, EE, Sundays only

0330-0400 9720 35kW, 15425 100kW.
1350-1400 Radio Monitors International w/Adrian Peterson 6075 10kW, 9720 35kW, 15425 100kW.
1430-1445 mx pgm same freq.
1330-1400 "Quiet hr" same freq (Fri only)
1330-1345 same freq + 6185 10kW. (Sa only)
See p. 3 Nov Speedx f/spec QSL info.
A. Peterson.

SWAZILAND, EE (TWR?)

0430-0615 41, 60m. 0630-0905 31, 49m.
1630-1815 60m. 1830-2105 Su-M 90m
1830-2035 Tu-Sa 90m. 31m 9520, 9590.
41m 7215, 7280. 49m 5950, 6070.
60m 4760, 4790, 5055, 90m 3200 3240 3275 Earhart.

SWEDEN, RS, EE changes from Nov 7,

0030-0100 NA 9620. 0230-0300 NA 9695, 11705.

SWEDEN (cont)

1100-1130 Eur/Afr/Au/NZ 9630 17845 21690.
1230-1300 eA/ECNA/Afr 9745 15305 21690.
1400-1430 sA/ECNA 9665 15305 15315
1830-1900 Eu/Afr 6065 9720 11780.
McCurdy.

SWITZERLAND, SBC, EE to May 6

0145-0215 NA 6135 9700 9725 11715.
0430-0500 WCNA 6045, 9725.
0700-0730 fE/Ind/Sub Cont/Austral/ 0900-0930 Asia 9560 11775 15305 17830.
1100-1130 Afr 15230 15430 17830 21520.
1315-1345 eA/fE/Ind Sub Cont/seA/ 11775, 15305, 15350, 17830.
1315-1345 NA 15140.
1530-1600 mE/Afr 11870 15430 17830
2100-2130 Afr 9535 9685 11720 11850 (also SA this freq

All times between 0600-2245 also bdcst to Eur 3985, 6165, 9535(to 1800) DX pgm 2nd & 4th Sa. Davis, Yajko, Watts, Bernstein, A. Diamond, Hall, Earhart.

TURKEY, VOT, EE 2200-0030 9515. DX pgm daily. To Dec31. Johnson.

TAIWAN, BCC/VOFC EE to Mar 4

0100-0200 NA 15345, 15425, 17890.
0300-0350 NA 15345, 17890.
0100-0200 0300-0350 Au/NZ 11825.
2130-2230 Afr/mE/Eur 9510, 9600, 11860, 15225, 17720.
2140-2240 NA 9685, 17890.
2140-2240 Au/NZ 11825. Seiler, Prath

USA, WINB, EE/others to Mar 5.

1700-2100 Eur 15340. 2100-2300 Eur 11775. Lobdell.

USSR, R. Moscow, NA svc EE to Apr.

2230-0100 17720 15140 15180 15450 12050 9680 9660 9760 7100 7110 7130 7170 7190 7200 7210 7440 59406120
0100-0300 15140 15450 12010 12050 9580 9660 9680 9700 9760 9780 7100 7110 7130 5900 5940 6120.
0300-0400 9680 9700 9760 7110 7130 7170 7190 7200 7440 5940 6120.
0330-0730 15140 11690 12010 9500 to WCNA 9540 9580 9610 9730 9780 7130 7170 7260 5900 6150

Not all these freq are used at any given time. Some not used till Feb or Mar. Try em, you'll find em. LT. Ligon, Malone, Snyder, Johnson, Somers, Pecenka, Hall, Compton, A. Diamond.

VENEZUELA, RNV, EE 2300 6170 15400 Ligon.

Thats it. Hope everyone has happy Holidays. See you next year. Larry

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 15th



Seasons

A VERY HAPPY
HOLIDAY SEASON TO ALL!

Seasons

Best Wishes

Several SPEEDKers have asked whether a callsign allocation list similar to Japan's, supplied by Ute Ace H. Koizumi for the March "Utility Report" of this year, is available for the U.S.A. Here it is:

UNITED STATES CALLSIGN ALLOCATIONS

- | | | |
|--|--|--------------|
| AAA-AEZ Army | AFA-AKZ Air Force | ALA-ALZ Army |
| K1AA-KØZZ & K1AAA-KØZZZ Amateur* | | |
| KØ2AA-KØ3ZZ TV Translator (digits signify output channel) | | |
| K0001-K9999 Citizens Band (Trust Territories) | | |
| KA1AA-KZØZZ Amateur* | KA1AAA-KZØZZZ Amateur* | |
| KA2Ø-KZ99 Space | WA2Ø-WZ99 Space | |
| KA2ØØØ-KZ9999 Marine Utility, Shipyard Mobile, Land Mobile | | |
| KAA-KZZ Coastal (except Alaska Tel) | KAA2-KZZ9 Alaska Coastal, Fixed | |
| KAA2ØØ-KZZ999 Coastal, Marine Receiver Test, Land Mobile Base, RDF | | |
| KAAØØØ1-KZZ9999 Citizens Band | KAAA-KZZZ Ships | |
| KAAA2-KZZZ9 Disaster, Land Mobile | KAAAA-KZZZZ Aircraft | |
| KAAA2Ø-KZZZ99 Ship Survival Craft (Parent ship call + 2 digits) | | |
| KAAAA2-KZZZZ9 Aircraft Survival Craft (Aircraft call + a digit) | | |
| NAA-NZZ Navy & Coast Guard | W1AA-WØZZ & W1AAA-WØZZZ Amateur* | |
| WA2Ø-WZ99 Space | WA2ØØØ-WZ9999 Ship, Radar, Land Mobile | |
| WAA-WWU Coastal (except Alaska Tel) | WWV Standard Frequency | |
| WWW-WZZ Coastal (except Alaska Tel) | WAA2-WZZ9 Aeronautical | |
| WAA2Ø-WZZ99 Alaska Coastal, Fixed | WAA2ØØØ-WZZ9999 Ship, Ship Radar | |
| WAA2ØØ-WZZ999 Coastal, Marine Receiver Test, Land Mobile Base, RDF | | |
| WAAA-WWVA, WWVJ-WWVK, WWVM-WWVR, & WWVT-WZZZ Ships | | |
| WWVB-WWVI, WWVL, & WWVS Standard Frequency | | |
| WAAA2-WZZZ9 Disaster, Land Mobile | WAAAA-WZZZZ Aircraft | |
| WAAA2Ø-WZZZ99 Marker Buoy (May have suffix "BT" & buoy number) | | |
| WAAAA2-WZZZZ9 Aircraft Survival Craft (Parent aircraft callsign + a digit) | | |

*The letter "x" may not follow the digit for amateur service. For other services the letter "X" following the digit signifies an experimental station.

Some SPEEDKers have asked about the callsign allocations of other countries. We have none at this time, but if anyone can furnish others "Utility Report" will be glad to print them as space permits.

THE LONGWAVES: Because of increased interest in these by SPEEDKers the "Utility Report" will try to include some LW loggings in the future. For detailed LW info & loggings, however, the LONGWAVE CLUB OF AMERICA P.O. BOX 33188 GRANADA HILLS, CA 91344 provides **LOWDOWN**, an interesting bulletin a sample copy of which can be obtained for a business-size **SASE**. The LWCA was organized in 1974 to promote DXing & experimenting on freqs below 550 khz. Its president is our own **BILL TRUBEE-HI**.

REPORT FROM SANDY BLAIZE-LA: Tropical Radio & Telegraph Station WAX, Ojus, FL has ceased operation permanently.

In last month's QSLs GHDN, "Larchbank" appeared. This is one of the older ships of The Bank Lines. All ships with a "-bank" in their last name & a "G" callsign are Bank Lines ships, and those with other calls may be also. The address for these vessels is: Andrew Weir & Co., Ltd. The Bank Line 21 Bury Street London, E.C.3 ENGLAND. Thanks, Sandy!

MELBOURNE REGIONAL AIRPORT has the following address: Melbourne, FL 32901 U.S.A. Its radio is mainly used for FAA business. Freqs: 4005, 74775, 8125, 16280, 13636. And here's another FL address: Miami Flight Service Station Miami International Airport Miami, FL 33064 →

Miami International's flight service operates Ground-Air & Air-Ground on 6568, although the Air Traffic Control Center does not use HF. (Hill-VA)

BOSTON-BASED USCG VESSELS ADDRESS: USCG Cutter "White Heath"
427 Commonwealth Avenue Boston, MA 02109 The address is probably
the same for all Boston-based CG Cutters. (Fraser-MA)

UNIDS ID'D: Of the November unidentified, BOB FRENCH-MD states that the
CFY82 on 5220a is the Whitehorse, Yukon telephone net (prob Canadian
Northern TelCo) on 5215 according to to ITU VIIB.

And RICK MATTHEW-BC concurs, and adds that JLM on 2667 is
Erimomisaki Meteo, Japan, & VTB on 8090 is listed as Bangalore, India.




QSLs All freqs in khz
ANTARCTICA: NZCM ARTCC McMurdo 8997 PFC 15d for ms. 2kw. (Chabak-CO)
Address: USN Aeradio NZCM McMurdo ARTCC NAVSUPFOR -Antarctica
(McMurdo) Code 30 PPO San Francisco, CA 96601

MCMURDO NZCM		
THIS CONFIRMS RECEPTION		
US NAVAL ANTARCTIC SUPPORT FACILITY		
STATION NAME Mac Center	CALL SIGN NZCM	LOCATION 77°51'S 166°39'E McMurdo Antarctica
DATE 11 Oct. 1977	TIME 0800 GMT	ANTENNA Verticle Doublet
FREQUENCY 8997 Khz	MODE USB	XMR POWER 2000 Watts
SIGNATURE <i>[Signature]</i>		

Thanks
Mike!

AUSTRALIA: VHP Navy Canberra 8470 f/d ltr in 22d for 3 IRCs (Pagano-DC)
VIX Canberra 8478 f/d RAN ltr in 45d for IRC (Longacre-NY)
VLS Sydney VOLMET 10017 f/d ltr 370d for IRC (Trochimczyk-MD)
VIP5 OTC Perth 16947.6 f/d cd 17d air for IRC (Sueoka-HI)
BELGIUM: OST RTT Ostend 13069 f/d cd 61d surface for IRC (Sueoka-HI)
BERMUDA: VRI C&W St. Georges 12709.2 f/d cd 21d for IRC (Sueoka-HI)
BRAZIL: PWZ Brazilian Navy Rio 17160 f/d cd 18d for ms (Pagano-DC)

And
Thanks
Frank!

QSL	FOR	Frank Pagano
		3700 N. Capitol St. NW
		Washington, D.C. 20317
		USA
		
THIS IS TO CONFIRM YOUR RECEPTION (AL XX)		
OF PWZ (BRAZILIAN NAVY)		
DATE	September 12, 1977 (TIM)	2012 to 2015 GMT
FREQUENCY	17160	KHZ
		
HELIO TAVARES SALLES Capitão de Corveta		

PPR48 Embratel Rio 14500 f/d cd 30d air for IRC & EE rpt (Sueoka-HI)
CANADA: CFH Navy Ellerhouse NS 8697 f/d form ltr 1m for IRC (Sueoka-HI)
FRANCE: PTT S. Lys 17040.8 PFC in 53d surface for IRC (Sueoka-HI)
CHILE: CCS Navy Santiago 6432 f/d SS ltr for IRC & EE rpt 23d air (Sueoka)
GIBRALTAR: GYU BRN 9220 f/d form ltr 20d for ms (Trochimczyk-MD) 12824.8
 same in 12d air for no RP. VS: Brian F. Parker (Pagano-DC)
GUATEMALA: O/T Huehuetenango. PFC trrnd no data 20d ms (Trochimczyk-MD)
 Aeropuerto Tikal/Flores 5530 PFC 2hrs(visit) (Trochimczyk-MD)
HOLLAND: PCK93 PTT Kootwijk 13303 f/d cd in 27d for no rp (Cabos-FRG)
 same in 30d (George-TX)
INDONESIA: PKI DDPL Jakarta 16361.7 f/d ltr 17d air for IRC (Sueoka-HI)
IRELAND: Shannon VOLMET EIP 8333. F/d folder 15d for IRC (Cabos-FRG)
ISRAEL: 4XC PTT&R Haifa 8694 f/d cd 120d for 2 IRCs (Pagano-DC)
ITALY: IRH37 ITALCABLE Rome 10715 f/d cd 30d for no rp (Cabos-FRG)
 IRM Rome Medical R. 17105 f/d cd 63d surface for IRC also brochure &
 asked for freqs (Sueoka-HI)
JAPAN: JCK NT&T Kobe 4332.5 f/d cd in 11d air for IRC (Sueoka-HI)
 JDC NT&T Choshi 13054 f/d cd 9d air for IRC (Sueoka-HI)
 JDB NT&T Nagasaki 13063 f/d ltr 10d air for IRC, w/sk&info(Sueoka-HI)
 JBQ67 KDD Tokyo 17696 f/d cd in 24d air for IRC (Sueoka-HI)
NEW CALEDONIA: FJP23 OP&T Noumea 12709 f/d ltr 68d air for IRC (Sueoka-HI)
PANAMA: HOG6 Islas Perlas R. 2830 PFC in 23d for ms. 120w. (TrochimczykMD)
 Address: Ave. Eloy Alfaro No. 15-48 Ciudad de Panamá PANAMA
PHILIPPINES: DZR RCA Manila 8563 PFC in 11d air for IRC (Sueoka-HI)
PORTUGAL: CTP NATO Oeiras 12825 PFC in 15d air for 2 IRCs (Beukelman-HOL)
SENEGAL: 6WW French Navy Dakar 8992.5 f/d cd 14d for IRC (Pagano-DC)
SINGAPORE: 9VG58 TAS 16966.5 f/d aerogram QSL air for IRC (Sueoka-HI)
TURKEY: TBA Navy Ankara 7175 f/d V. of Turkey cd 20d for ms (Pagano-DC)
U.S.A.: WSY70 NY VOLMET 8868. Date only ltr 15d for IRC (Cabos-FRG)
 WOO AT&T Oceangate R. 13170 date only large cd 11d for SASE (George-TX)
 WWD BuCom Fisheries La Jolla CA 17408.6 f/d ltr 14d for ms (Sueoka-HI)
 WES58 AP NJ 18961.9 f/d ltr in 10d for no rp (Pagano-DC)
SHIPS: DHPF M/V "Frauke" @ Cape Finisterre Spain 2182 ltr & photo 8m for
 IRC. 100w. (One of my few trans-Atlantic ships on 2 mhz)(Holbrook-MD)
 NJRE USS "Edson" DD946 2716 PFC in 23d for ms (Holbrook-MD)
 SWIW "Golden Evangelistria" 8200a SS ltr & photo 23d for IRC. 300w.
 (SS ltr from Greek ship which xmtld in English!) (Holbrook-MD)
 PPEC "Itabera" 8266.3 2.28N/29.26W PFC 38d for PP rpt & IRC (French-MD)
 EIDC "Irish Maple" @ 14.21S/164.35E 8373 ltr in 37d for IRC (Holbrook)
 GROT "Erskine Bridge" 22230a PFC in 4m for IRC. 1kw. (Holbrook-MD)
 OZFK "Ecuadorian Reefer" off Canaries 16728.8 PFC 39d IRC (Holbrook-MD)

	All times GMT	LOGGINGS	All freqs in khz
ALASKA:	6521.8	0251 NOJ USCGS Kodiak OM EE clg USCGC "Rush" USB(Stuart)	
		0110 NMJ1 USCG Juneau YL EE wx USB (Stuart-SASK)	
	6738	1001 AKA Elmendorf AFB OM EE wgk FK727 USB (Chabak-CO)	
	8437	2310 NOJ USCGS Kodiak CQ mkr CW (Thompson-NM)	
CANADA:	8903	0155 KIS70 Anchorage VOLMET OM EE wx AM (Seller-BC)	
	3330	0032 CHU N.R.C. Ottawa OM FF/EE time sigs AM (Chituck-MD)	
		2316 (Baum-FL)	
	4497.5	0629 CKN Vancouver Military V mkr CW (Trubee-HI)	
	6705	0230 VXA Edmonton Mil OM EE aero wx SSB (Stone-ONT)	
	7335	0140 CHU N.R.C. Ottawa OM EE/FF time sigs AM(Johnson-FL)	
		1017 (Duke-TX) 2143 (Kawchuk-SASK)	
	8595	0047 CKN CFS Aldergrove BC V mkr CW (Devendorf-CA)	
	8868	0020 VNG GANDER Aeradio OM EE aero wx AM (Hackney-TN)2237	
		(Baum-FL)	
13254	1423 CHF Halifax Military OM EE clg J54T USB (DevendorfCA)		
	1353 (Hill-VA)		
15038	1920 VXA Edmonton Mil OM EE aero wx USB (Stone-ONT)		
17175.2	0100 VAI DOT Vancouver BC V mkr CW (Dawson-CA)		
U.S.A.:	3265a	0450 NGP USNASC Corpus Christi TX OM wkg SPARTAN(RussellIL)	
	5610	0330 WSY70 NY ARINC OM EE wkg SPRINGBOK flt USB(Longacre)	
	5652	1300 WSY70 NY VOLMET OM EE aero wx AM (Hill-VA)	
	6519	1535 WIX Ohio river sta OM EE wkg barges SSB(Longacre-NY)	
	6521.8	0126 NMN USCG Portsmouth VA YL EE wkg NMMJ USB(Stuart-SAS)	
		0237 wkg NSTF (French-MD)	
	6540	2237 Miami ARINC OM EE wkg KLM66 USB (Longacre-NY)	
	6738	0327 API McClellan AFB OM EE wkg ALLIGATOR USB(Devendorf)	
	6910	1818 "CA Nat Guard HQ" wkg AUNT MABLE USB (Devendorf-CA)	
	7345	0329 WOO? AT&T? Manahawkin NJ OM "Experimental"(Yohawa-J)	

7770 0710 VOA Bethany OH EE feeder USB(Longacre) (Seiler-BC)
 8281.2 0305 WPE Jacksonville Tug Control clg "Sentry"(LongacreNY)
 0430 KHR Cedar Rapids OM river tfc SSB (Longacre-NY)
 0431 KHT Newport Beach OM EE river tfc SSB (Longacre-NY)
 8558.4 1645 KFS IT&T Palo Alto CA CQ mkr CW (Devendorf-CA) 2012
 (Dawson-CA)
 8642 1940 KPH RCA San Francisco tfc LSB (Dawson-CA)
 8868 0015 WSY70 NY VOLMET OM EE aero wx AM (Hackney-TN) 1706
 (Chituck-MD) 2010 (Stone-ONT)
 8575 2035 NMC USCG Pt. Reyes CA CQ mkr CW (Dawson-CA)
 8582 2015 KLB IT&T Seattle WA CQ mkr CW (Dawson-CA)
 8590 1810 KOK IT&T Cerritos CA CQ mkr CW (Dawson-CA)
 8986 1424 AFES MacDill AFB FL OM EE wkg CANCEL USB (Compton-MA)
 10000 0008 WWV BuStandards Ft Collins CO time sigs AN(ChituckMD)
 11995 1345 NMF USCG Boston MA V mkr CW (Johnson-FL)
 12216 1930 KPA71 CDPA Maynard MA EE tfc USB (Russell-IL)
 3179 2047 KVJ NOAA Seattle WA wkg NOAA ship USB (Devendorf-CA)
 14792.5 2133 AT&T Dixon, CA OM EE vm USB (Devendorf-CA)
 15015 1743 AFG37 Scott AFB patching BASEBALL to ELAINE(Devendorf)
 15752 1358 VOA feeder Bethany OH SS to Tangier SSB (Hall-CA)1845
 FF feeder (Dawson-CA)
 16222 1708 VOA Swahili feeder Greenville & EE U&LSB (Blaize-LA)
 17412.5 2140 KSF70 Oakland Aeradio OM EE tfc LSB (Dawson-CA)
 17860a 1830 WCC RCA Chatham MA tfc CW (Johnson-FL)
 18900a 2139 WOO AT&T Manahawkin NJ OM EE vm SSB (Chituck-MD)
 19721 1652 VOA Greenville NC unkn lang feeder to Ger AM(Blaize)
 19261.5 1656 VOA Bethany OH Af langs feeder to Tangier U&LSB(Blaize)
 22760 0114 ORION CONTROL Cape Kennedy FL OM EE wkg AGAR 26 LSB
 (Devendorf-CA)
 0125 NASA Vandenberg AFB CA OM EE clg AGAR 21(Devendorf)

CENTRAL AMERICA

BELIZE: 6688 0801 Belize City Aeradio OM EE wkg Ascot 2215 USB(Chabak)
COSTA RICA: 13100 2010 TIM R.G. Limon V mkr CW (Thompson-NM)
PANAMA CZ: 4572 0916 WHZ70 Balboa Aeradio OM EE wkg Bogota USB (Chabak-CO)
 5710 0935 AHF Albrook AFB OM EE wkg EEL79 USB (Chabak-CO)

CARIBBEAN

BERMUDA: 6487.5 0230 VRT C&W Hamilton V mkr CW (Thompson-NM)
B.W.I.: 4048.5 0800 NMA5 So. Caicos Loran wkg NMR14 USB (Chabak-CO)
CUBA: 6850a 2350 AAC&R Guantanamo OM EE vm SSB (Stone-ONT)
 7661 0519 CLQ EMRAIN Havana clg UJY2 CW (Longacre-NY)
 7815 0430 CLN84 IRTS Bauta bagpipe mkr SSB (Hackney-TN)
 8959 0010 Havana Aeradio OM EE wkg Aeroflot 333 AM (Russell-IL)
CURACAO 6491.5 0225 PJC GR&TA Willemstad CQ mkr CW (Thompson-NM)
 8694 0657 PJC GR&TA Willemstad CQ mkr CW (Dawson-CA)
JAMAICA: 6470.5 0235 6YI C&W Kingston CQ mkr CW (Thompson-NM)
 8959 2353 Jamaica Aeradio OM EE clg Miami USB (Longacre-NY)
PUERTO RICO: 12700 0855 NMR USCG San Juan CQ mkr CW (Dawson-CA)

Big month for S.A. Aeradioes! SOUTH AMERICA

BRAZIL: 6610 0223 Recife Aeradio OM EE wkg Lufthansa 501(Longacre-NY)
 8847 0435 Manaus Aeradio OM SS/EE wkg Maiquetia AM(Russell-IL)
 6680 0307 Brasilia Aeradio OM PP clg Recife USB (McCreery-GA)
 10049 0040 Belém Aeradio OM PP wkg Varig & Cruzeiro USB(McCreery)
CHILE: 6481.5 0220 CCS Navy Santiago V mkr CW (Thompson-NM)
 13160a 0047 CCS Navy Santiago V mkr CW (A. Mason-ONT)
 14529.5 0150 R. Colo Colo SS bcst feeder? LSB (Trubee-HI)
COLOMBIA: 17002.4 1500 HKB EMMATEL Barranquilla V mkr CW (Walters-NJ)
ECUADOR: 7600 0500 HD210A Navy Oceanographic Inst. time tick(Longacre)
URUGUAY: 10770 0258 CXL24 S/T Montevideo YL La Senal timeSSB(French-MD)
VENEZUELA: 17141.6 1937 YVG Min Com LaGuaira V mkr CW (A. Mason-ONT) 2005
 (Thompson-NM)

EUROPE

AZORES: 6750a 0831 CUV Lajes AFB OM EE wkg Navy 50496 USB (Longacre-NY)
 8967 0246 CUV Lajes AFB OM coded tfc SSB (French-MD) wkg LQ340
 USB @ 0831 (Chabak-CO) 2215 YL wkg BUDA(Longacre-NY)
DENMARK: 12328.8 1805 OVG Frederikshaven Navy V mkr CW (Longacre-NY)
ENGLAND: 8557.9 0020 GKB BPO Portishead ID mkr CW (Hardester-OKINAWA)
 9880a 0240 BBC EF/SS feeder USB (Hackney-TN)
FRANCE: 9841.5 0251 FTJ84 R. France Intntl OM FF/EE vm LSB(French-MD)

2005 OM FF vm LSB (Karcheski-MA)

12871a 1703 FUG Navy La Regine priority tfc CW (French-MD)
12695a 1415 FFS6 PTT S. Lys CQ mkr CW new freq? (Beukelman-HOL)

GERMANY, w.:4220.5 0235 DAF PTT Norddeich V mkr CW (Thompson-NM)
5645 0221 Lufthansa Frankfurt YL GG/EE wkg acft USB (Russell-IL)
8483.5 1510 DAN PTT Norddeich ID mkr CW (Beukelman-HOLLAND)
8770.4 1330 DAJ PTT Norddeich OM GG vm AM (Beukelman-HOL)
10065 0030 Frankfurt Control YL EE wkg acft USB (McCreery-GA)

GREECE: 8204 0440 SVA OTE Athens CQ mkr CW (Cohen-NJ)

HOLLAND: 22539 1537 PGH97 PTT Scheveningen CQ mkr CW (Walters-NJ)

ICELAND: 12175 1849 TFJ PTT Reykjavik OM EE/Ice vm USB (Longacre-NY)
13069.5 2015 TFA A.P.T. Reykjavik CQ mkr CW (Thompson-NM)

IRELAND: 13312 1400 EIP Shannon Aeradio VOLMET OM EE wx AM (Peterson-CT)

ITALY: 869 0153 IQX I.P.T. Trieste V mkr CW (A. Mason-ONT)
10710 0256 IRH27 ITALCABLE Rome YL Ital/SS/FF/EE vmSSB(French)
12975 1650 IQX I.P.T. Trieste V mkr CW (Cohen-NJ)
17105 1506 IRM Rome Medical R. ID mkr CW (Walters-NJ)

NORWAY: 12961.5 2045 LGW NorTelad Rogaland V mkr CW (Thompson-NM)

POLAND: 13616 1748 SOJ30 PAP(city?) V-CQ multical mkr CW (Compton-MA)

PORTUGAL: 12825 2205 CTP NATO Oeiras ID mkr CW (Beukelman-HOLLAND)
16959.2 1531 CUL22 CPRM Lisbon CQ mkr CW (Walters-NJ)
19815a 1530 CUC9 CPRM? Lisbon? V mkr CW (Cohen-NJ) 10/29/77
20105a 1401 CUC9 QTH? V-QRA mkr CW 11/14 (Compton-MA)

SPAIN: 6590a 0539 Madrid Aeradio OM SS acft tfc USB (McCreery-GA)
17184.5 0518 EAD5 CTNE Aranjuez CQ mkr CW (Walters-NJ)
22446 2006 EAD CTNE Aranjuez V mkr CW (A. Mason-ONT)

SWITZERLAND: 16868a 1605 HEB R. Suisse Berne QRA mkr incl "Pse report QRK
K AR" 10/29/77 (Cohen-NJ)
19565 1900 HEK6 ST&T Berne YL EE/FF/SS vm LSB (Karcheski-MA)

U.S.S.R.: 8058.8nf? 2042 Moscow R/T YL EE vm SSB (Longacre-NY)

African & Asian Aeradios *****
very big this month, too! AFRICA

SENEGAL: 6610 0114 Dakar Aeradio OM EE wkg Freetown SL USB(A.Mason-ONT)
ANGOLA: 5519 0233 Luanda Aeradio OM EE wkg Brazzaville USB(McCreery-GA)
8826 0141 Luanda Aeradio OM EE wkg PGS01 AM (Russell-IL)

CAMEROON: 9045.5 0355 TJP90 INTEL CAM Douala YL FF/EE vm LSB (Russell-IL)

CHAD. AF. EMPIRE: 11022 2030 TLZ2 FCR Bangui YL EE/FF vm USB (Karcheski-MA)
18845 1936 TLZ88 FCR Bangui FF tfc LSB (Dawson-CA)

CHAD: 11608 2034 TTZ6 STIC n'Djamena YL EE/FFvm USB (Karcheski-MA)
14970a 2225 STIC n'Djamena YL FF/EE vm SSB (Koizumi-JAPAN)

CONGO: 6617 0015 Brazzaville VOLMET FF aero vx ID AM (A. Mason-ONT)
0203 (French-MD)

8826 0304 Brazzaville Aeradio OM EE wkg Accra AM (McCreery-GA)
12125a 2215 TNH21 STIC Brazzaville YL FF vm USB (Beukelman-HOL)

DJIBOUTI: 17610 1839 FZJ76 PTT Djibouti City OM EE tfc LSB (Dawson-CA)

EGYPT: 8959 0142 SUC Cairo Aeradio OM EE wkg Alitalia815(Longacre-NY)
0200 Khartoum Aeradio OM EE wkg Lufthansa 541 (Longacre)
0233 SUC Cairo Aeradio OM EE clg Khartoum AM (French-MD)

IVORY COAST: 8959 0118 Abidjan Aeradio OM EE wkg Nigerian 52 (Longacre-NY)

LIBERIA: 7635 2127 KKN44 US Embassy Monrovia clg KWT93 CW (Longacre-NY)
9850a 2140 Monrovia YL EE/FF vm no co. mentioned USB (Compton)
16294 2029 5LF16 FCR Monrovia YL EE/FF vm USB (Karcheski-MA)
18047a 1545 KKN44 US Embassy Monrovia QRA mkr CW (Cohen-NJ)

MOROCCO: 18275 1705 VOA Tangier EE/PP feeder to Munich U&LSB (Blaize-LA)

NIGER: 8826 0148 Niamey Aeradio OM EE/FF wkg Air France 9 AM (Russell)

SENEGAL: 8992a 0105 French Navy Dakar-Hann R. V mkr CW (Devendorf-CA)
9917 2010 6VK49 TELESENEGAL Dakar YL FF/EE vm LSB(Karcheski-MA)
16951a 1525 6WW French Navy Dakar V mkr CW (Walters-NJ)

SO.AFRICA: 4283 2310 ZSJ Cape Naval R. CQ mkr CW (Longacre-NY)
8914 2210 Springbok Aeradio Durban OM wkg 131 AM (Russell-IL)
12692.5 2152 ZRQ Cape Naval R. V mkr CW (Longacre-NY)

ZAIRE: 8826 0625 Kinshasa Aeradio OM EE/FF wkg Nigerian 707 AM(Russell)

ASIA

INDONESIA: 8868 0827 Bali Aeradio OM EE wkg aircraft USB (Trubee-HI)

ISRAEL: 8837 0540 El Al op control Lod Airport Tel Aviv OM wkg acft de-
parting Kennedy Intntl in Hebrew AM (Russell-IL)
17146.4 4XO PTT&R Haifa CQ mkr CW (Walters-NJ)

JAPAN: 8437 1630 JOS NT&T Nagasaki CQ mkr CW (Devendorf-CA)
13054 0050 JDC NT&T Choshi V mkr CW(A.Mason) 0845 CQ mkr(Dawson)

N.KOREA: 13275a 1019 Central Wireless Pyongyang YL EE vm USB(Beukelman-H)

PHILIPPINES: 12991.5 2020 DZJ BRDM Manila CQ mkr CW (Thompson-NM)

TURKEY: 16876a 1418 DZJ BRDM Manila CQ mkr CW (Hardester-OKI)
 8662 0439 TAH PTT Istanbul - V mkr CW (A. Mason-CNT)
 17021.6 1457 TAH PTT Istanbul CQ mkr CW (Walters-NJ)
 17610 1730 VTB PTT Hanoi Vietnamese tfc to SanFran LSB(Dawson)

OCEANIA

AMER.SAMOA:15883.5 0315 KUQ2Ø AT&T Pago EE tfc USB (Dawson-CA)
 AUSTRALIA:6688a 0959 AXI RAAF Darwin OM EE wkg Kiwi 8Ø3 (KIWI is the voice
 call used by RNZAF aircraft) USB (Chabak-CO)
 7500 1008 VNG Telecom Australia Lyndhurst time tick AM(Duke-TX)
 8975 0900 AXF RAAF Sydney OM EE tfc USB (Chabak-CO)
 10017 1532 VZSY Sydney VOLMET OM EE aero wx AM (Ricci-CA)
 17412.5 2220 VKS AORTS Doonside OM EE wkg Port Vila LSB(Dawson-CA)
 FIJI IS.:5638 0734 3DN Nandi Aeradio OM EE wkg Clipper 312 USB(Russell)
 HAWAII: 2683 1007 NRO4 USCG Fr. Frigate Shoals wkg NMO USB (Chabak-CO)
 5063 0822 NRO Johnston Is. Loran wkg NRO4 USB (Chabak-CO)
 0907 NRO7 Kure Is. Loran OM EE wkg NMO & NRO4 USB (Chabak)
 5320 0724 NRO Johnston Is. Loran wkg NRO4 USB (Chabak-CO)
 0726 NRO7 "Kure Oscar 7" OM wkg NRO4 & NRO USB (Chabak-CO)
 0729 NRO5 Upolo Pt Loran YL EE wkg NRO4 USB (Chabak-CO)
 8760.8 0550 NMO USCG Honolulu OM EE marine wx LSB (Seiler-BC)
 8903 1122 KVM7Ø Honolulu VOLMET OM EE aero wx AM (Magharian-NY)
 8964 0619 AGA Hickam AFB OM EE Foxtrot bcst LSB (Seiler-BC)
 MARIANAS:7581.5 0811 NRV USCG Guam OM EE wkg NRV4 Palau USB (Chabak-CO)
 10445 0115 NPN USN Agana Guam multicall CQ mkr CW (Hardester-OKI)
 NEW CALEDONIA:9295a 1410 FUJ Noumea French Navy FAAQ CQ mkr CW (French-MD)
 NEW ZEALAND:8678 0510 ZLP2/4/5/6 RNZN Irirangi V mkr CW (Cohen-NJ)
 8977 0743 ZLK Christchurch Aeradio (USN) OM EE wkg MAC50278 gave
 alternate freq 5789 beautiful signal USB(Chabak-CO)
 17125 1511 ZLP RNZN Irirangi V mkr CW (Walters-NJ)
 TAHITI: 18848a 1940 FTS Papeete YL FF/EE vm SSB (Cohen-NJ)

ANTARCTICA

8997 0744 NZCM ARTCC MAC Flight Ctr McMurdo OM EE wkg Christchurch
 USB (loud & clear! ID's as "McMurdo Ctr" & "MAC Ctr"(Chabak)
 UNIDENTIFIED*****UNIDENTIFIED
 5306a 0820 "W" beacon CW (Chabak-CO)
 5793a 0853 "K" beacon CW (Chabak-CO)
 6785a 1659 AKX OM EE position report to WUJ3 USB. Position reported is
 c. 350 mi S of US border & a few mi offshore (Devendorf-CA)
 8972a 2339 J3R: "VVV VVV VVV J3R QXK 4/8" CW (Compton-MA)
 8993a 0530 GKK V mkr CW (Dawson-CA)
 9223 0225 KWL9Ø: "KWP93 de KWL9Ø ZBO O 9223" mkr CW (Hardester-OKI)
 9017 1435 "MARGONI" OM EE clg Andrews AFB for comm ck USB(Compton)
 12210 1830 KWL9Ø State Dept? Where? (Longacre-NY)
 13863a 0108 VOA EE feeder. QTH? LSB (Blaise-LA)
 14389.5 0120 AFC6YFF? YL EE w/phone patches & idle chatter USB(Blaise)
 0130 AIA6AI OM clg AFC6YFF, check for tfc USB (Blaise-LA)
 14966.3m 0505 "K" beacon + "99KKØ45655Ø225" rptd 6 times - KKKK - whole
 thing repeated. CW (Hardester-OKI)
 20500 1430 YL SS vm - Argentina? LSB (Dawson-CA)
 28140.5 2350 CC broadcast type pgm USB (R. Peking feeder?) (Trubee-HI)

SHIPS

4126.8 0638 LAPJ "Nordic Prince" Liner OM EE wkg KMI USB (Trubee-HI)
 6450a 0100 NPCR CGC "Dallas" wkg NMN SSB (Stone-ONT)
 6521.8 0919 NEVG CGC "Unimak" wkg NMF OM EE USB (Evidently not decom-
 missioned as indicated in SUG.) (Chabak-CO)
 4833a 0330 USS "Paul" OM EE wkg "Shipyard Control" USB (McCreery-GA)
 8210.8 2355 GROQ "Finnish Wasa" OM EE wkg 8PO USB (A. Mason-ONT)
 8281.2 0310 "Defender" WYP4541 wkg WPE Jacksonville USB (Longacre-NY)
 8275a 0233 SXZM tanker "archontissa Katingo" clg SVA SSB(French-MD)
 8281.2 1909 "Patriarch" WIK4684 clg WGW San Juan tug control(Longacre)
 12340 2210 6ZYB "Amoco Milford Haven" OM EE wkg GKU52 USB(A.Mason)
 16780a 2124 KFCN SS "Monterey" Liner OM EE clg KPH CW (Hall-CA)
 12385a 2116 S6EZ "Santa Isabella" clg Norddeich R. USB (A. Mason-ONT)
 12430a 1708 KLJH "Sealand Venture" cargo OM EE wkg WRF USB(A.Mason)
 16565 1702 KKFE "Gloward Grand Isle" cargo wkg KHD USB (A. Mason-ONT)
 16467a 1428 "Cosmonaut Yuri Gagarin" OM RR clg Moscow R. USB(A.Mason)
 16467 2025 H3OW "Charlotte Koegl" OM EE wkg GKU61 USB (A.Mason-ONT)
 16470a 1727 5LTH "Mobil Tern" OM EE wkg GKY61 USB (A. Mason-ONT)
 22105a 1603 6ZYB "Texaco Frankfurt" tanker wkg GKU72 USB (A.Mason)

AIRCRAFT

5568 0530 Branff 919 (enroute L.A. to Lima) wkg Miami ARINC(Longacre)
 6610 0125 SAS956 OM EE clg Canarias Aeradio USB (A. Mason-ONT)
 6683 0730 SAM26000 (Air Force 2) OM EE wkg Andrews LSB (Russell-IL)
 1431 Air Force One OM EE wkg Andrews AFB LSB (Devendorf-CA)
 8933 0052 Clipper 1901 YL(!) EE position check USB (Nemecek-CA)
 8938 0048 Northwest 7 OM EE clg Anchorage USB (Nemecek-CA)
 8945 1558 Peruvian Guide 383 OM EE wkg Gander USB (Compton-MA)
 1506 "French Military" OM EE wkg NY Aeradio USB (Compton-MA)
 8959 0010 Ugandan 116 DL0J OM EE wkg Khartoum Aeradio USB(A.Mason-ONT)
 0038 Air France 489 OM EE wkg Kano Aeradio USB (A. Mason-ONT)
 0103 Lufthansa 1231 OM EE clg Djibouti Aeradio USB (A. Mason)
 0202 Jetstar N5111H OM EE wkg NY Aeradio USB (A. Mason-ONT)
 2524 Ascot 4213 OM EE wkg Belize Military USB (A. Mason-ONT)
 8997 0818 XD04 OM EE wkg "McMurdo Center" USB (Chabak-CO)
 0912 XD02 OM EE wkg "MAC CTR" McMurdo ARTCC USB (Chabak-CO)
 11226 1813 AirForce One OM EE wkg Andrews AFB USB (Russell-IL)
 15048 617 Air Force One OM EE wkg Andrews & CROWN USB (Devendorf-CA)

TACTICAL

3265a 0315 IMITATION 2 OM EE wkg SPARTAN re TX wx USB (Russell-IL)
 4370a 0150 BRAVO WHISKY OM EE wkg UNIFORM OSCAR USB (Hackney-TN)
 4702 1016 LIBERTY LADY OM EE wkg SE890 USB (Chabak-CO)
 4725 0808 DARK SKY OM EE wkg DOLLY 64 on SAC freq VICTOR USB(Chabak)
 0812 BIG PLAY OM EE all freq call for MELLOW 14 USB (Chabak-CO)
 5418a 0808 MFJ CM EE wkg I7V USB (Chabak-CO)
 5703 0140 FRESIDE 3 OM EE wkg Able 40 in emerg landing USB(Chabak)
 6708 1550 FERTILE (Norad SAGE net) Ft Lee VA wkg SOGGY 56(LongacreNY)
 6712.5 0750 EASY WAY OM EE wkg POWDER & BANNER on A2 freq USB(Chabak)
 6723 1834 RAWHIDE BASE Norfolk VA NAS OM wkg Delta Tango USB(Russell)
 8968a 0121 S4JG OM wkg FOXTROT JULIET SSB (French-MD)
 8993 1416 SKYCHIEF OM EE blind coded tfc for SKYKING USB (Compton-MA)
 9023 1325 UNDERGO OM EE wkg GOLF 6 USB (Compton-MA)
 9027 0335 DAYCOACH OM EE clg ABACUS 6, CARDGAME & ELOPEMENT(Compton)
 0337 DITTYBAG OM EE clg DAYCOASCH on SAC freq Romeo USB(Compton)
 2142 AVON CONTROL wkg AVON 8 on SAC freq Romeo USB(Longacre-NY)
 9310a 1648 LONGTERM OM EE wkg PENPAL drill tlc, Navy? SSB (French-MD)
 11201a 2041 TRUCKWHEEL 1 OM EE clg TRUCKWHEELs 2&5 USB (Devendorf-CA)
 22760 0127 ASHLEY 12 Vandenberg AFB Telemetry Coordination OM EE wkg
 AGAR 21 LSB (Devendorf-CA)

"SPY" NUMBERS STATIONS

3115a 0503 YL SS 5-digit groups "FINAL FINAL" @ 0509 AM (Trautschold)
 3210a 0410 YL SS "Atencion 919 48" 48 gr msg "Final" 0420 AM(Compton)
 3280a 0400 YL SS 5-digit AM 10/22/77 (Hackney-TN) 7/11/8/77
 3279a 0411 YL SS 5-digit groups AM 10/21/77 (Martin-LA)
 5973a 1120 OM 5-digit groups unknown lang 10/18/77(Maghakian-NY)
 9975a 2300 YL GG 5-digit preceded by "NNNNN" in Morse. Ea gr rptd,
 2nd msg @ 2310. "Ende" 1815* 11/8/77 (Compton-MA) Wiped out
 R. Pyongyang on 9977. (Quavery voiced YL-old? Not hrd bf.)
 11200 0503 YL SS 5-digit groups USB 10/5/77 (Dawson-CA)

RADIOTELETYPE

CHINA: 7969 1455 BAS51 City? RY test 66wpm/425 shift (Green-UT)
 SWITZERLAND:9941 1445 HBT89 Bern FF tfc to Belgrade 66/425 (Green-UT)
 ALASKA: 4334 0300 NOJ USCG Kodiak tfc to NNHB 100/170 (Green-UT)
 U.S.A.: 15996 1600 RCA NYC EE Info Svc to India 66/425 (Green-UT)
 YUGOSLAVIA:7912 1520 YZD8 Belgrade Tanjug nx & RY test 66/425 (Green-UT)
 10457.5 1440 YZCA Tanjug Belgrade news 66/425 (Green-UT)
 SHIP: 8320 0125 MTT HMS "Hermes" test, coded tfc to GYU 66/850(Green)
 8336 0150 3FAQ SS "Vera Cruz" EE tfc 66/170 (Green-UT)
 12498 2100 RTM "Aragonit" RR tfc to R. Nahodka 66/170 (Green-UT)

LONGWAVE

109.4 "EEN" aero beacon Keene NH @ 0020 CW (Davidonis-MA)
 206 GNI Grand Isle LA OM EE aero wx AM (Ricci-CA)0233 *Mary*
 344 "SIT" FAA beacon Sitka AK CW (Hickman-OR)1302
 "MLT" OM EE trans. wx bcst AM (Gauvreau-QUE)0135 *Christina*
 360 "ASN" Ascension Is. beacon CW (Foxworth-NY) 0430
 407 "SWA" Swan Is. torn tape="SIEI"; CW 0200(Foxworth-NY)(French-MD)
 424 SYSO SS "Dynamic Sailor" wkg WSL (Olsson-CO)
 472 NMF USCG Boston Notice to Mariners & wx CW (Longacre-NY) *73, Ken*

QSL REPORTS



Editor: Bill Cleveland
2441 Fairview Drive
Visalia, Calif. 93277

Verified Countries -- 147

Deadline: 15th of month

Another year gone down the drain. Again let me express my thanks to the many of you who, through your contributions, have made this column possible. Once more it is time to open the rolls to membership (involuntary) in my "Faithful Twelve" club. This year Bill Miller, Dave Peters, and Wilfred Stone have qualified by sending in QSL reports every month of the year. And Tom Smith, Glenn Thompson, and Bob Yajko earn a pair of hashmarks on their membership cards (imaginary) for not having missed an issue in the last three years. That's quite a record--and believe me, I appreciate it. To all who have contributed to this issue, and especially to the 14 first time reporters, my thanks.

Likewise, the membership has exceeded last year's country total (SPEEDX/EDXC list) of 136 by a healthy margin--to wit, the 147 reported in the masthead above. Some countries (Nepal, Reunion, El Salvador, etc) are still conspicuous by their absence; others, such as Afghanistan and Antarctica are back, and Andorra, Cook Islands and Laos appear for the first time in years.

Finally, Larry Talbot has contributed a letter from Deutsche Welle explaining their QSL policy in light of the heavy flow of reports and the consequent workload on the department (as you know, DW no longer lists date, time, frequency or transmitter site). A pertinent paragraph follows...

"In this connection, please be advised that neither QSL cards already prepared by listeners nor stamped cards can be accepted since these measures would put into question the new regulation adopted and make our work more difficult. By the way, you yourself can contribute to receiving confirmation of the reception report sooner by letting us have, together with the report, a self-addressed envelope. It is not necessary to send any stamps."

The last report I had, DW claimed to be receiving about 90,000 QSL requests per year --and that was several years ago. Answering all of them would be quite a job. By the way, the DW QSLs that I have run about 4" x 6" -- which would require a legal sized envelope unless you want the card folded. On with the show.

Antarctica

AFAN, 6012, no data black/white cd w/AFAN emblem (copy below) in 115d air for MS (GAVARAS), same in 8 mo sfc for 1 IRC (ROUTENBURG ONT), same in 272d for MS (returned) (PETERS KY)

AFAN MEMURDO
NAVSUPFORANTARCTICA
FPO, SAN FRANCISCO, CA, 96601
DEC 1 29 12-AM

WELCOME TO THE CLUB:
YOU ARE ONE OF THE FEW INDIVIDUALS WHO HAVE HEARD THE AMERICAN FORCES RADIO STATION IN ANTARCTICA. AFAN BROADCASTS 24 HOURS PER DAY FROM 77° 51' SOUTH 166° 39' EAST. AFAN SERVES THE MILITARY AND CIVILIAN PEOPLE WORKING WITH THE UNITED STATES ANTARCTIC PROGRAM. LISTEN AGAIN.

Tom G. Gavaras
AFAN STATION MANAGER

POSTAGE AND FEES PAID
DEPARTMENT OF THE NAVY
000316
U.S. NAVY
OFFICIAL BUSINESS
PENALTY FOR NON-PAID MAIL
—DEEP FREEZE

Tom Gavaras
16920 17th Avenue N
Wayzata, MINN., 553

Europe

ALBANIA: R. Peking Relay, 2780, date/fq blue logo cd w/white circles and gold building in 18d air, no rp (PECENKA IN)

...Most people know how to say nothing, but few of them know when...

AUSTRIA: ORF, 7120, f/d "Adam" cd in 47d sfc, no rp (MARABLE ITALY); 9770, f/d cd "Lovers" in 59d air, no rp (PECENKA IN), same in 63d air for 1 IRC (JOHNSON FL), f/d cd "Phantasmagorical Landscape" in 62d air for 1 IRC (FRASER MA), same in 68d air for 1 IRC, GG rpt (Johnson FL), f/d cd of painting "Austrian Challenge" in 46d air, no rp (YACONO NY), f/d cd "Contemporary Austrian Art" in 46d air, no rp (FOWLER ONT), f/d silver logo cd in 136d air, no rp (HEATH KY); 12015, f/d ORF Center cd in 40d air, no rp (JONES VA); 15270, f/d "Phantasmagorical Landscape" cd in 90d air, no rp (MAGHAKIAN); 15430, f/d cd "Snail with Castle" in 46d air, no rp (SMITH FL), f/d "Lovers" cd in 51d air, no rp (SMITH FL); 17840, f/d long cd w/pix on one side, no rp, in 40d thru Austrian Embassy (SHREEDHAR INDIA)

BELGIUM: ORU, 9730, f/d blue/white map cd in 67d air, 2 IRCs (MARTIN CA), same in 29d air, no rp (SMITH AL); 21460, same in 36d, no rp (BEAUDOIN CT)

BULGARIA: R. Sofia, 9700, f/d "Climent of Ohrid University" cd in 8 mo, no rp (JONES VA)

CZECHOSLOVAKIA: R. Prague, 7745, f/d cd "Výstaviště--Trade Fair Grounds" in 75d air, no rp (BRODSKY NY), same in 90d air (MEEHAN CT), f/d cd "Ruins of Trosky Castle" in 75d air, no rp (BRODSKY NY), same in 4 $\frac{1}{2}$ mo (LOBDELL MA), f/d cd "Zamek Castle" in 117d air (FRASER MA), f/d cd of water fountain in city square, 76d air, no rp (LINDSEY NJ); 11990, f/d cd "Dilo Mistra Pavla" in 119d air, no rp (YAKKO PA)

FINLAND: R. Finland, 11755, f/d cd w/"YLE" and Finnish flag in 30d air for 1 IRC (SEILER BC), same in 53d air, no rp (BAUM FL), f/d "60th Anniversary of Independence" cd in 54d air for 1 IRC (SUEOKA HI); 15105, "YLE" cd in 39d air, no rp (FOWLER ONT), same in 57d air (DALUM IN), same in 23d air (FELTY OH), 60th Anniversary cd in 34d air for 1 IRC (LINDSEY NJ), same, no time (PECK NY), f/d "Spring in Finland" cd in 44d for 1 IRC (MACRIS MO), "50th Anniversary" cd in 20d air (LOBDELL MA) (They must have dug into the archives for this one, Chris!); 15260, f/d flag cd in 45d air (HEATH KY); no fgy, "60th Anniversary" cd in 38d for 3 IRCs (SWENSON WI)

FRANCE: R. France International, 15200, f/d cd "Couteurs et Lumiere de France" in 30d air, no rp (SNYDER NY), same in 127d air, no rp (PAOLINI CT); 15210, same in 35d air, 1 IRC (ROMANI OH), same in 90d air for 2 IRCs (RICCI CA); 15315, same in 46d air, no rp (MILLER CA), same in 119d air, no rp (HEATH KY); 17220, same in 41d air for 1 IRC (THOMPSON NM), same in 105d air, no rp (HILL VA); 17860, f/d cd "Saint-Germain-des-Pres" in 114d air, no rp (HEATH KY)

GERMANY (Democratic Republic): RBI, 9730, f/d cd Serie Berlin #7 (Jungfernbrücke) in 47d air, no rp, v/s Rudi Friedel (MEEHAN CT)

GERMANY (Federal Republic): Deutsche Welle, 6040, no data circles cd in 65d air for 2 IRC, (YAKKO PA); 6100, same in 43d air, no rp (JOHNSON FL), no data DW logo cd in 280d sfc (SNYDER NY); 9745, same in 145d air, 2 IRCs (RICCI CA), 21500, no data colored cd w/veri statement in 157d air (DAVIS SC); no fgy, no data logo cd in 40d sfc (HOOK FL), no data circles cd in 60d sfc (HOOK FL)

Deutschlandfunk (via DW), 7130, f/d "Konrad Adenauer" cd + ltr from Czech svc in 78d air for EE/GG rpt. Also pennant, pin, posters, v/s W. Laeser, Czech Service (KUSALIK ONT)

R. Liberty, 15340, f/d R. Liberty cd (microphone and map of USSR) in 3 mo air, no rp (WAKISAKA JAPAN)

Süddeutscher Rundfunk, 6030, date/fgy yellow/black cd w/"GSL" in large white letters, in 5 mo air, no rp (ROUTENBURG ONT)

Südwestfunk, 7265, date/fgy "Abstract ear" cd in 36d air, 1 IRC, v/s Dr. Schörken (HOFFMAN PA)

GREAT BRITAIN: BBC, 5975, no data "Tower Bridge" cd in 16d air, 1 IRC (CHITUCK MD)

GREECE: V. of Greece, 9530, f/d plain white cd in 22d air, 1 IRC (SUEOKA HI); 9760, same in 22d sfc, no rp (KAWCHUK SASK), same in 22d air, no rp (FELTY OH), same in 38d air, 1 IRC (THOMPSON NM)

VOA (Kavala Relay), 7170, f/d "Bicentennial Stamps" cd in 8d sfc (LOBDELL MA) (Your guess is as good as mine, Chris. It started out Vallandingham, was shortened to Vall; now Reyes???)

VOA (Rhodes Relay), 7110, f/d "Capitol" cd in 4d (JONES VA)

HOLLAND: R. Nederland, 9630, f/d cd "Dual Antenna Towers" in 45d air (PRATH FL); 9715, f/d cd "Producers of RN's DX Programmes" in 13d air, 1 IRC (JOHNSON FL), same in 52d sfc no rp (SEILER BC); 12810, f/d cd "Wooden Antenna Towers" in 24d air, no rp (SMITH FL)

HUNGARY: R. Budapest, 6000, f/d cd w/picture of building in 49d air, no rp (SNYDER NY); 11910, black cd w/globe, logo, swirls in 70d sfc, no rp (KAWCHUK SASK); 15225, f/d "Castle" cd in 76d sfc, no rp (ELDER SASK)

ITALY: RAI, 11810, f/d "Il Pescatore" cd in 109d air, no rp (HEATH KY), f/d "Il Giorno" cd in 79d air, no rp (ELDER SASK)

LUXEMBOURG: R. Luxembourg, 6090, f/d antenna/coat of arms cd in 158d sfc, no rp (KAWCHUK)

NORWAY: R. Norway, 6180, f/d "Jølstervatnet" cd in 23d air, no rp (LOBDELL MA); 9550, f/d cd w/picture of lake & mountains in 55d air, no rp (SNYDER NY); 11860, "Jølstervatnet" cd in 19d air, no rp (SUEOKA HI), same in 20d, no rp (MEEHAN CT); 15175, same in 30d (SMITH AL), same in 60d for 1 IRC (FRASER MA), f/d cd "De Syv Søstre" in 26d air (MILLER CA), same in 32d (LOBDELL MA), f/d cd w/village scene in 32d air for 1 IRC (DAVIS SC); 17295, Jølstervatnet" cd in 23d air (BATSON KS), same in 28d air (SMITH FL)

...All success is relative--the more success, the more relatives...

Thank to

Alan

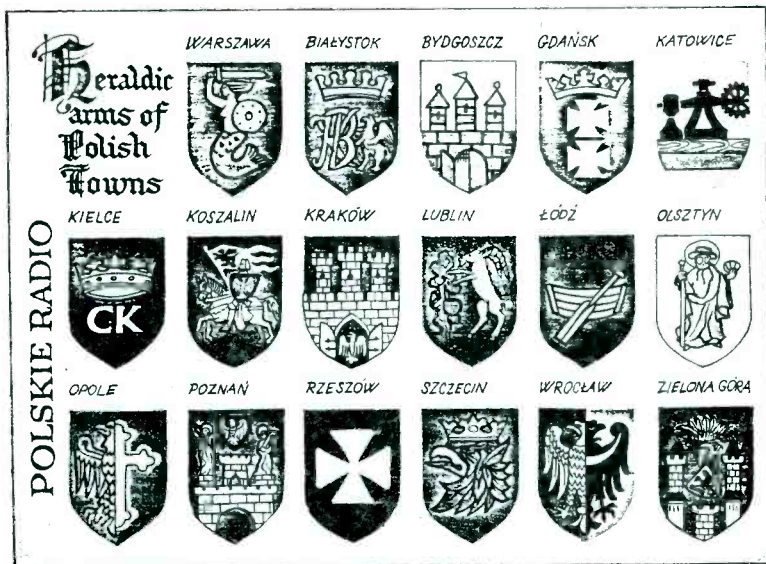
W.

Brooks

#5 in the

Heraldic Arms

Series



POLAND: Polish R., 6095, f/d "Heraldic Arms" cd #? in 54d air, 1 IRC (FOWLER ONT); 11815, f/d "Heraldic Arms" cd #? in 37d air (SUEOKA HI), "Heraldic Arms" cd #1 in 51d air, no rp (ELDER SASK), "Heraldic Arms" cd #5 in 80d air, no rp (MEEHAN CT)

PORTUGAL: R. Portugal, 6025, f/d cd "Comissao Regional de Turismo da Sura da Estrela-Covilha-Portugal" in 23d air, no rp (KAWCHUK SASK); 11935, f/d cd "Angeiras Camping Site" in 36d air, no rp, PP rpt (FELTY OH), same in 40d air, 1 IRC (THOMPSON NM); no fgy, "Embroidery from Minho" cd in 85d air, no rp (MEEHAN CT)

ROMANIA: R. Bucharest, 11940, f/d cd "Central Pavillion" in 76d air, no rp (FOWLER ONT)

SPAIN: RNE, 6065, 11730, 11880, 11965. F/d antenna cds in 22-60d for no rp, 28-50d for 1 IRC (FRASER MA) (GHITUCK MD) (FOWLER ONT) (STONE ONT) (HOOK FL) (DRUMHELLER PA) (FELTY OH) (THOMPSON NM) (BAUM FL) (DAVIS SC) (PAOLINI CT) (THOMPSON NM) (SUEOKA HI) (MALONE MA). Baum, Sueoka, and Malone also received pennants.

SWEDEN: R. Sweden, 9695, f/d map cd in 20d air + pennant for 2 IRCs (BAUM FL), same cd in 23d air for 1 IRC (HALLBERG IL); 15305, same cd in 19d for 1 IRC (FRASER MA), same in 35d air for no rp (BATSON KS); 21595, same in 38d, no rp (BEAUDOIN CT)

SWITZERLAND: SBC, 15140, f/d cd "SBC Building" in 59d sfc for 1 IRC (FRASER MA); no fgy f/d "Two Bobs" cd in 195d sfc, no rp (MARTIN CA)

USSR:

Armenian SSR: R. Moscow, 17700 (Yerevan), f/d "Moscow Skyscraper" cd in 37d (BEAUDOIN), f/d "Kalinin Prospekt" cd in 41d air (SMITH FL), f/d "CMEA Building" cd in 38d air (KUSALIK ONT)

R. Yerevan, 12000, f/d plain white cd in 53d air, no rp (MAGHAKIAN NY)

Azerbaijan SSR: R. Moscow, 21490 (Baku), f/d "CMEA Building" cd in 30d (JONES VA),

same cd in 38d (KUSALIK ONT), "Moscow Skyscraper" cd in 40d (BEAUDOIN CT)

Byelorussian SSR: R. Minsk, 9785, f/d large pc w/3 scenes in 4 mo air for 1 IRC

(WAKISAKA JAPAN)

Georgian SSR: R. Moscow, 9760 (Tbilisi), f/d "Moscow Skyscraper" cd in 44d (BEAUDOIN CT)

Kazakh SSR: R. Moscow, 17050 (Alma Ata), f/d "CMEA Building" cd + 1tr w/site in 50d air (KUSALIK ONT)

Latvian SSR: R. Riga, 9335, f/d cd w/peasants and ships in 41d (BEAUDOIN CT)

Lithuanian SSR: R. Vilnius, 7180, f/d red/white/gold cd in 63d air, no rp (BAUM FL);

9720, f/d castle and clouds cd in 45d air (SNYDER NY)

RFPSR: (Ed. note: fgy are as received in both MHz and kHz; spellings have been adjusted to agree with "Guide to Soviet Broadcasting").

R. Moscow, 7.16 (Moscow), 7250 (Tula), 7290 (Moscow), 9530 (Moscow, 9.78, 12020 (Petro-pavlovsk-Kamchatsky), 15100 (Khabarovsk), 15190, 15200 (Kalach-na-Don), 15375 (Armavir), 15490 (Tula), 15505 (Serpukhov). F/d cds in 16-60d air, no rp. "Large Building on the Moskva River" (SMITH FL) (PRATH FL), "CMEA Building" (KUSALIK ONT) (PECENKA IN) (JONES VA),

"Rocket" cd (BAUM FL), "Kalinin Prospekt" (SMITH FL) (YOHANA NJ), "Moscow Skyscraper"

(FRASER MA), 50th Anniversary cd (PAGANO DC) (FELTY OH), "Sputnik Memorial" (MILLER CA), unidentified building (TALBOT WI), no description (SUEOKA HI)

R. Peace and Progress, 11830, f/d red cd w/birch trees, 27d air, no rp (PECENKA IN)

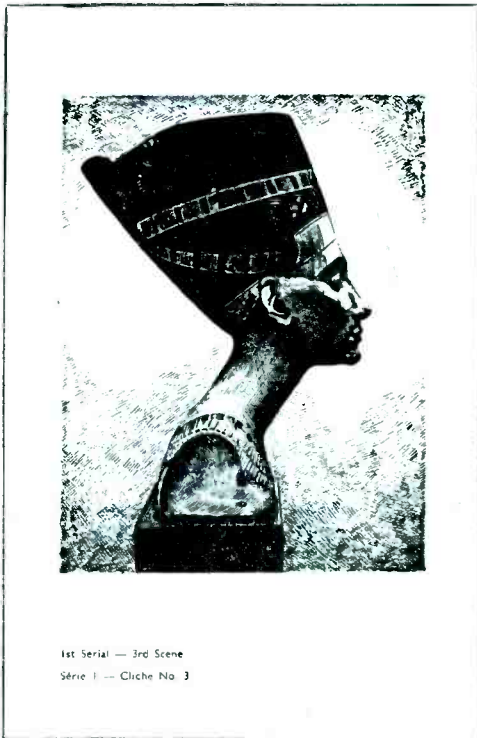
Radiostantsiya Rodina, 9720, RR/EE RM cd w/"Rodina" veri, 51d, 1 IRC, RR rpt (HEATH KY)

USSR (continued):

Ukrainian SSR: R. Kiev, 7150, f/d cd "Monument to Liberators of Kiev" in 28d air, no rp (FOWLER ONT); 7290, f/d cd "Building of the Ukrainian Supreme Soviet" in 28d air, no rp (YOHANA NJ)
R. Moscow, 7100 f/d 50th anniversary cd in 30d air (TALBOT WI); 7170, f/d cd "Building of the Moskva River" (SMITH FL); 17885 (Vinnitsa), "CMEA Building" in 38d (KUSALIK ONT)
Uzbek SSR: R. Tashkent, 9600, f/d cd, no desc., in 61d air for 1 IRC (POOLE GA)
VATICAN CITY STATE: Vatican R., 5995, date/fqy cd w/cross shaped antenna tower w/Vatican Angel, in 21d air, 2 IRCs (FELTY OH); 9605, same in 59d air, no rp (PECENKA IN)

Africa

ALGERIA: Rdif. TV Algerienne, 7195, f/d blue/white logo cd in 97d air, no rp (JONES VA); 9685, same in 60d sfc for 2 IRCs, FF rpt (MEEHAN CT)
ASCENSION ISLAND: VOA Relay, 15195, time/fqy "Bicentennial Stamps" cd in 6d (POOLE GA); 17830, same in 9d sfc (TALBOT WI)
CANARY ISLANDS: RNE Relay, 11880, f/d cd endorsed "Atlantico Tenerife" in 31d, no rp (BEAUDOIN CT)
CAMEROON (Fed. Republic): R. Garoua, 5010, f/d form ltr in 25d sfc, 1 IRC (GEORGE TX) (Sorry, out of order. bc)
EGYPT: R. Cairo, 9475, f/d cd, 1st Serial--3rd Scene (Bust of Nefertiti) in 70d, no rp, v/s Rita (ENDZA CA), same in 69d air, no rp (PECENKA IN)
GAMBIA: R. Gambia, 4820, no data form ltr in 20 mo (4 mo after f/up) for 2 IRCs (ROUTENBURG ONT)
IVORY COAST: R. Abidjan, 11920, f/d map cd in 26d air for 2 IRCs (DALUM IN), same in 25d air for 2 IRCs, FF rpt (3rd try!) (ROUTENBURG ONT)
LIBERIA: ELWA, 11945, f/d native drummer/logo cd in 135d air for 1 IRC (SAAJE CA)
VOA Relay, 15445, f/d "Bicentennial Stamps" cd in 4d (JONES VA), same cd, date only in 20d (site indicated) (FOWLER ONT)
LIBYAN ARAB REPUBLIC: PRES, 6185, date only form ltr w/station stamp in 45d air for 2 IRCs (3rd try) (ROUTENBURG ONT)
MOROCCO: VOA Relay, 15205, time/fqy "Bicentennial Stamps" cd in 6d (POOLE GA)
MOZAMBIQUE: R. Mocambique, 9620, f/d blue/yellow world map cd in 52d air, no rp, EE/FF rpt + cassette of bcst (DAVIS SC)
NIGERIA: V. of Nigeria, 7275, f/d green/white cd w/crest + pennant in 33d sfc for 2 IRCs (SOMERS CA), same in 31d air for 1 IRC (POOLE GA)
SEYCHELLES: FEBA, 11800, no cata yellow/black map cd in 21d, no rp (PECK NY), same in 29d for 2 IRCs (HEATH KY), same in 85d (BRODSKY NY)
SOUTH AFRICA: "Radio 5", 3388, f/d SABC "industries" cd w/R. 5 typed in, no time, no rp (MAYER IL)
RSA, 3230, f/d cd "Rissik Street and Park Station" in 17d air, 1 IRC (LINDSEY NJ); 5980, f/d cd "Johannesburg at night" in 30d air, 1 IRC (STONE ONT); 9585, same cd + pennant in 19d air for MS (HOFFMAN PA); 11800, f/d "City Lights" cd in 23d air, 1 IRC (FRASER MA) 11900, f/d cd "Die Stem van Suid-Africa" in 18d air for 3 IRCs (SMITH OH), f/d cd "Lights of Rissik Street" in 22d air, no rp (MILLER CA), same, 26d (MILLER CA), same in 15d (PECK NY), same in 16d (BAUM FL), same in 18d + pennant (CARRIER FL); 21535, f/d cd w/aerial photo of city at night, 22d air, no rp (PRATH FL)
ZUO (time and fgy), 5000, f/d personal ltr w/skcd and stn data, 38d air for 2 IRCs (KARCHESKI MA)
SPANISH SAHARA: R. Sahara, 11805, f/d antenna cd for rpt to Madrid, 20d for 1 IRC (GAVARAS MN) (Note: the country no longer exists, but apparently the station is still operating and RNE will verify reports. bc)



...You only live once--but if you work it right, once is enough...

SWAZILAND: R. "SR" (formerly Swazimusic R.), 4980, date only cd w/Royal Swazi Hotel, stamped QSL on back, 40d air for 2 IRCs (DONLY SC)
TWR, 5055, folder cd in 3 wks air for 2 IRCs, v/s Jeanne Olson (NEUMANN IN)
TANZANIA: R. Tanzania, 4785, date/fqy cd in 40d air for 3 IRCs (GAVARAS MN)
TOGO: R. Togo, 3222, f/d "Iama Kara" emblem cd in 4 mo sfc for 2 IRCs, FF rpt (ROUTENBURG)
TUNISIA: Rdif. TV Tunisienne, 7275, f/d cd "Sud Tunisien, Coucher du Soleil" in 18d air for 1 IRC (HEATH KY)
UPPER VOLTA: Rdif. TV Voltaique, 4815, f/d form ltr w/sked in 30d air for 2 IRCs, EE/FF rpt (HOFFMAN PA)
ZAIRE: LV du Zaire, 15350, date only form ltr w/sked in 193d air for 2 IRCs, EE/FF rpt + cassette (TILBURY AK)

Asia

AFGHANISTAN: R. Afghanistan, 15230, f/d map cd in 64d air for 2 IRCs (KARCHESKI MA)
BANGLADESH: R. Bangladesh, 15520, f/d plain white cd in 50d air, no rp (SHREEDHAR INDIA)
BRUNEI: R. Brunei, 7215, f/d new photo cd w/pic of city and outline of Brunei in 34d air for 2 IRCs (KUSALIK ONT), same in 23d air for 1 IRC (SUEOKA HI), same in 51d air for 4 IRCs (GAVARAS MN)
CHINA (People's Rep.): R. Peking, 9780, date/fqy blue RP cd + pennant, 22d air (BAUM FL); 9940, date/fqy green cd w/red rose in 26d air (PRATH FL); 15060, same cd in 21d air (MILLER CA), f/d blue cd w/gold emperor's palace in 20d (FELTY OH), date/fqy blue cd w/white circles in 14d (ANGELONI NY), date/fqy blue/gold/white cd in 21d (LOBDELL MA), date/fqy peony flower cd in 21d for 1 IRC (DONLY SC), date/fqy cd w/block print of fishing results in 40d (MEEHAN CT)
CHINA (Republic): VOPC, 15425, f/d cd "Lu Chi's 'Two Geese on a Snowy Bank'" in 44d air for 2 IRCs (TALBOT WI); 17800, f/d "Bronze Ceremonial" photo cd + pennant in 25d air (BEAUDOIN CT); 17890, f/d cd "Wu Ping's Pomegranates Respectively" + pennant in 26d air for 1 IRC (SEILER BC)
CYPRUS: CBC, 9270, f/d island montage cd in 35d air, no rp (ROUTENBURG ONT), f/d cd of ocean scenes in 26d for 1 IRC (BEAUDOIN CT)
INDIA: AIR, 15082, date only cd "Wedding of Prince" in 23d air, no rp (SUEOKA HI)
R. Kashmir, 3277, f/d ltr w/sked in 19d air for 2 IRCs, registered rpt (WAKISAKA JAPAN)
INDONESIA: RRI Sorong, 4872, usual RRI cd (see last month's issue) verifying rpts of 4/29 and 8/11/76, 18 mo 23d (from 1st rpt) registered air, v/s Soedarsono (CLEVELAND CA)
V. of Indonesia, 11790, date/fqy cd w/sketches of Indonesian people, in 60d air for 4 IRCs (GAVARAS MN)
IRAN: V. of Iran, 9022, f/d cd "Kerman Television" in 44d air, 1 IRC (FRASER MA); 15084, same in 59d air, no rp (SOMERS CA), f/d cd "Zahedan Television" in 50d air (FOWLER ONT), f/d cd "Bandar Abbas Television Facility" in 21d air, no rp (DALUM IN), f/d cd "Shiraz Television Bldg" in 54d air, 2 IRCs (TALBOT WI), f/d cd of TV Station, W. Azerbaijan Province in 69d air, 1 IRC (JOHNSON FL)
IRAQ: R. Baghdad, 9245, f/d map cd in 35d air for 3 IRCs (GAVARAS MN), same in 71d air for 1 IRC (MARTIN CA)
ISRAEL: IBA, 9815, f/d cd "Jerusalem" oil painting by E. Ben Avram in 56d air, no rp (FRASER MA); 11645, same in 43d air, no rp (JOHNSON FL); 15485, same in 55d air, no rp (SHREEDHAR INDIA), same in 68d air, no rp (BAUM FL)
JAPAN: JJJ (time and fqy), 15000, f/d cd "Japanese Maidens", 148d air for 1 IRC (BEAUDOIN)
NSB, 9595, f/d EE/JJ multicolor antenna cd in 110d, no rp (ENLZA CA)
R. Japan, 9505, date/fqy cd "Hakata Doll modeled after a girl in kimono" in 21d air (SEILER BC), same in 9d (CLEVELAND CA); 15105, same in 18d (SMITH FL), same in 21d (LOBDELL MA), "Japanese Bamboo Grove" in 17d (SMITH FL); 15195, same in 16d (BAUM FL), "Hakata Doll" cd in 14d (THOMPSON NM), in 17d (MILLER CA), in 19d (GEORGE TX); 15270, same in 14d (FELTY OH), in 16d (PECK NY), in 18d (SMITH FL), in 60d (MEEHAN CT); 15310, same in 12d (PECENKA IN); 17225, same in 18d (SMITH FL); 17825, same in 15d (YAJKO PA)
JORDAN: R. Jordan, 9560, f/d "Bethlehem Bell" cd in 91d air, 1 IRC (TILBURY AK)
KOREA (Democratic People's Rep.): R. Pyongyang, 9277, f/d cd of Revolutionary Opera + pennant and lapel pin in 57d air for 1 IRC (HEATH KY)
KOREA (Republic): R. Korea, 9525, f/d cd of central hall of new KBS Bcstg Center in 22d air for 1 IRC (MILLER CA); 9640, same in 32d air, no rp (THOMPSON NM), f/d cd w/picture of staff in 32d air, 2 IRCs (SOMERS CA), same in 50d air, no rp (ELDER SASK); 9720, same in 20d air, no rp (SAADE CA), f/d cd "Traditional Music Orchestra" in 17d (SUEOKA HI)
KUWAIT: R. Kuwait, 12085, f/d folder cd in 87d air for 1 IRC (JOHNSON FL)
OMAN (Sultanate): R. Oman, 11890, f/d "View of Ibra" cd in 127d sfc for 2 IRCs. New address: R. Oman, Ministry of Information & Culture, P.O. Box 397, Muscat (SMITH AL)
PHILIPPINES: FEBC, 11765, f/d cd w/sketch of native hut in 40d air for 2 IRCs (LOBDELL MA)
15390, f/d cd w/beach hut in 26d air, 1 IRC (BEAUDOIN CT), same in 28d, 2 IRCs (DALUM IN)
17810, FEBC studio cd w/full data in 45d, 1 IRC (DAVIS SC), same, 70d, no rp (SHREEDHAR)
R. Veritas, 9605, f/d cd "Roxas Blvd" in 30d air, 2 IRCs (SOMERS CA); 11255, same cd in 27d for 1 IRC (MILLER CA), f/d cd "Fort Santiago" in 21d for 1 IRC (MILLER CA)
VOA Relay, 15290, time/fqy "Bicentennial Stamps" cd in 6d (POOLE CA), same in 53d w/site (FOWLER ONT)
VOP, 9580, red/white/blue logo cd w/full data in 125d sfc (KAWCHUK SASK), same in 187d (TILBURY AK), f/d blue/white cd in 148d sfc for 1 IRC (DAVIS SC)

QATAR: QBS, 9570, date/fqy cd of Ras Usheiri Palace, 41d air, no rp (MAYER IL)
SABAH: R. Malaysia Sabah, 4970, f/d yellow/white map cd in 184d air for 2 IRCs (TILBURY)
SARAWAK: R. Malaysia Sarawak, 4835, time/fqy cd of studio building in 41d air for 1 IRC (PETERS KY); 4950, same in 17d for MS (KUSALIK ONT), same in 19d for 2 IRCs (GEORGE TX), same in 21d air for 2 IRCs (THOMPSON NM)
SINGAPORE: R. Singapore, 11940, f/d logo cd in 31d air, no rp (MILLER CA), f/d cd "Singapore at Night" in 80d sfc for 3 IRCs (RICCI CA), f/d modern design cd w/logo in 90d sfc for 1 IRC (MARTIN CA)
SRI LANKA: SLBC, 15425, f/d cd "Girl w/Jewelry" in 17d air for 1 IRC (SUEOKA HI)
 VOA Relay, 15185, date only "Bicentennial Stamps" cd w/site in 40d (ROUTENBURG ONT)
TURKEY: V. of Turkey, 9515, f/d "Sultanahmet Mosque" cd + pennant in 65d air, no rp (HOFFMAN PA), f/d cd of logo and mosque aerial photo + pennant in 21d, no rp (PAOLINI CT) date/fqy "Folk Dancers" cd + pennant in 22d air, no rp (MEEHAN CT)
YEMEN ARAB REPUBLIC: R. Sanaa, 9780, f/d form ltr in 156d air, 2 IRCs (TILBURY AK)

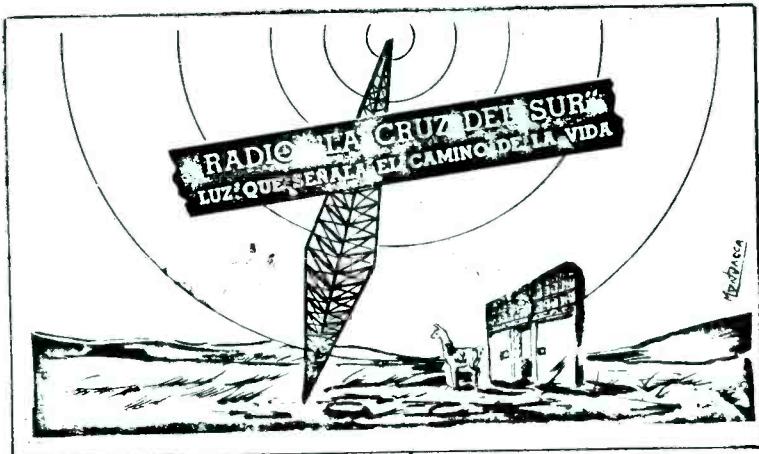
Oceania

AUSTRALIA: ABC Melbourne, 6150, f/d green map cd in 44d air (HALL CA); 9680, same cd in 55d air, no rp (ENIZA CA)
 ABC Perth, 9610, f/d Western Australia map cd in 17-28d air for 0-2 IRCs (THOMPSON NM) (HALL CA)(HACKNEY TN)(BRODSKY NY)(MAGHAKIAN NY); 15245, same in 61d air for 2 IRCs (MARTIN CA)
 R. Australia, 5995, 9515, 9550, 9570, 9580, 9610, 11740, 15240, 15320, 17795. F/d cds in 202-214d sfc for no rp, 13-60d air for 1 IRC, 19-71d air for 2 IRCs. "Sturt Pea" (CARRIER FL), "White Flowering Mallee Gum" (MILLER CA)(SEILER BC), "Common Fringe Lily" (MILLER CA)(BAUM FL)(CARRIER FL)(PECK NY), "Scarlet-Crested Parakeet" (MILLER CA), "Blue Wren" (POOLE GA)(THOMPSON NM)(MILLER CA), "Pink Rose Cone" (THOMPSON NM)(CARRIER FL) (MILLER CA)(FOWLER ONT)(GEORGE TX), "Flowers" (RICCI CA)
GUAM: KTWR, 9640, f/d antenna/Bible cd in 14d for MS (HOFFMAN PA), same in 30d for MS (LOBDELL MA); 15115, same in 18d, no rp (SMITH AL), same in 29d for MS (DALUM IN)
NEW ZEALAND: RNZ, 6130, f/d "Hot Springs" cd in 25d air, 2 IRCs (MACRIS MO); 15130, f/d cd "Hot Pools at Taupo" in 40d air, 1 IRC (SMITH FL), f/d "Lake and Mountains" scene cd in 30d air for 2 IRCs (FOWLER ONT), same in 77d sfc, no rp (SUEOKA HI), f/d cd w/view of Wellington & cable car in 32d air, 1 IRC (MILLER CA); no fqy, "Hot Springs" cd in 32d air, 1 IRC (THOMPSON CA)
PAPUA NEW GUINEA: R. Madang, 3260, QSL folder in 26d for 2 IRCs, v/s J.K. Koniel, Stn. Mgr. (NEUMANN IN)
 NBC Pt. Moresby, 4890, f/d white cd w/yellow map of PNG, 23d air for 3 IRCs (DALUM IN)
SOLOMON ISLANDS: SIBS, 5020, f/d black/white cd w/stn emblem in 8 mo sfc for 2 IRCs (ROUTENBURG ONT) (cd gives QTH as Box 654, Honiara), f/d cd w/xmtr on sea shell in 150d air for 3 IRC (MARTIN CA)
TAHITI: R. Tahiti, 15170, f/d cd of girl on beach in 30d air, 1 IRC, FF rpt (STONE ONT)

South America

ARGENTINA: R. Nacional, 6060, fqy only blue cd and SS ltr in 32d air for 1 IRC, SS rpt v/s Dora De Los Santos (MACRIS MO)
BOLIVIA: R. Emisoras Bolivia, 4760, no data ltr of confirmation in 35d air for MS, v/s Jose Luis Zabalaga Mendoza (PAGANO DC)
 La Cruz del Sur, 4875, fqy only antenna/llama cd (below) in 4½ mo air, EE/SS rpt (MACRIS MO)

Thanks to
 Greg Watts



COLOMBIA: Ecos del Combeima, 4875, f/d ltr in 48d air for MS and SS rpt, v/s Alfonso Tovar S. (SMITH AL)
 LV de los Centauros, 5961, no data red/yellow cd of man roping bull, in 71d air for 1 IRC and SS rpt (HALL CA)
 LV de la Selva, 6170, no data logo cd + ltr w/date and fqy in 21d air for 1 IRC, MS and SS rpt, v/s Eduardo Bahamon Horta (SMITH AL)

ECUADOR: Sistema de Emisoras Atalaya, 4790, no data ltr in 2 mo air for 5 IRCs (PAGANO DC)
 HCJB, 9560, 11745, 11835, 11915, 15115, 15310, 17255. F/d cds in 36-120d air for no rp, 18d air for 1 IRC, 38d air for 2 IRCs, 18-25d air for MS. "Antenna Switching Unit" (SMITH FL)(MILLER CA)(MEEHAN CT)(FRASER MA)(FOWLER ONT), "Newsmen in Action" (SEILER BC)(LOBDELL MA)(SMITH FL)(MONJURE LA), "Power Plant in Papallacta" (CHITUCK MD)(SEILER BC) "Diesel Generator" (THOMPSON NM), "Tuning Team at 100 kw xmtr" (LOBDELL MA)(MAGHAKIAN NY), "Eric Moore and Standby Generator" (LOBDELL MA)(MAGHAKIAN NY), "Dave Pasechnik and 49-m unit" (MAGHAKIAN NY)(JOHNSON FL), "Xmtrs at Pifo" (LOBDELL MA), "Antenna Site at Pifo" (LOBDELL MA), "Steerable Antenna" (LOBDELL MA), "Ben Cummings at Morning in the Mountains" (LOBDELL MA), "Hydro Reservoir at Papallacta" (JOHNSON FL), "Broadcaster Interviewing Official" (STONE ONT), pre-1965 "Old Green Studio" cd (LOBDELL MA)

PERU: R. Atlantida, 4790, date only ltr in 9 mo for 5 IRCs (PAGANO DC), ltr w/veri statement in 9 mo air for MS (used) and SS rpt, v/s Julio Reategui Burga (KUSALIK ONT)

SURINAME: R. SRS, 4780, f/d ltr and folder cd w/data in 55d air, no rp (KAWCHUK SASK)

VENEZUELA: LV de EL Tigre, 3255, ltr w/date, veri statement in 5 yrs for SS rpt w/MS, also pennant (WHITEHEAD MA)
 R. Juventud, 4900, date/fqy dancing teenagers cd in 32d air for 1 IRC, SS rpt (SUEOKA HI), same in 64d air, no rp (BRODSKY)
 Ecos del Torbes, 4980, date/fqy ltr in 222d air + 30th anniversary pennant for 1 IRC, SS rpt, v/s Maria Desiree Gonzalez (PECENKA IN)
 R. Barquisimeto, 4990, date/fqy red/white/aqua cd, 48d sfc, no rp (KAWCHUK SASK)
 R. Rumbos, 9660, f/d "Iglesia Santa Theresa" cd in 3 mo sfc, no rp, EE/SS rpt (KAWCHUK)

North America

ANTIGUA: Deutsche Welle Relay, 5960, no data circles cd in 5 mo for GG rpt (NEUMANN IN); 6040, same in 90d air for 2 IRCs (HACKNEY TN)

CANADA: CBC Northern Service, 6195, f/d "Horizon Suns" cd in 20d sfc, no rp (MILLER CA); 11720, same in 40d sfc (BAUM FL)
 CFRX, 6070, date/fqy cd of CFRB's marine mobile unit in 10d sfc, 1 IRC (MILLER CA), same in 14d air for 1 IRC (HALLBERG IL), same in 18d air for 1 IRC (FELTY OH)
 CHNX, 6130, date/fqy plain white cd in 18d air (JONES MS), same in 19d air for 1 IRC (FELTY OH)
 CKZN, 6160, f/d CBC cd in 21d sfc for MS (LOBDELL MA)

CUBA: R. Havana, 9525, large f/d cd, no desc., in 53d sfc, no rp (DRUMHELLER PA); 9685, f/d orange/red logo cd in 171d sfc, no rp (YOHANA NJ), f/d geometric designs cd in 110d sfc, no rp (HEATH KY); 11725, same in 93d air for SS rpt (SMITH FL); 11760, f/d logo cd in 101d sfc, SS rpt (RICCI CA), f/d orange/purple cd in 90d air for 1 IRC (BAUM FL)

DOMINICAN REPUBLIC: LV de los Fuerzas Armadas, 4825, SS ltr in 5 wks, v/s Fidel Teodoro Baez Berg, Director/Administrator (NEUMANN IN)

GREENLAND: Grönlands Radio, 3999, antenna cd in 5 wks for 2 IRCs, v/s Bennel Hansen (NEUMANN IN)

GRENADA: R. Grenada, 15105, f/d brown schedule cd in 108d sfc, 1 IRC (MACRIS MO)

GUATEMALA: LV de Nahuala, 3260, f/d ltr + pennant + blue f/d cd in 26d air for MS and SS rpt, v/s Juan Fridel Leppe Juárez (TROCHIMCZYK DC)
 R. Mam, 4825, date/fqy ltr in 33d air for MS, v/s Herminio Pérez L., SS rpt. (SMITH AL)

HAITI: R. 4VEH, 11835, f/d cd of announcer at mike, 71d air, 1 IRC (DAVIS NJ)

MONTSERRAT: Deutsche Welle Relay, 5960, no data circles cd in 94d sfc (SMITH AL); 6040, same cd in 35d air w/ltr (see excerpt on 1st page) (TALBOT WI); 11970, same in 17 wks (NEUMANN IN)

UNITED STATES: AFRTS, 6030, f/d logo cd in 10d sfc (BAUM FL)
 KGEI, 5980, f/d San Francisco scenes cd in 35d air, 1 IRC (SEILER BC); 9615, same cd in 34d sfc + pennant for 1 IRC (FOWLER ONT)
 VOA, 6130, 9760, 15140, 17710, 17765, 21485. "Bicentennial Stamps" cds in 5-40d sfc (BAUM FL)(PRAGH FL)(ROUTENBURG ONT)(SMITH FL)(YOHANA NJ)(MILLER CA), "Capitol" cd in 11d (LOBDELL MA)
 WINB, 11730, f/d red/white/blue cd in 17d for MS (LOBDELL MA); 15270, same in 7d, no rp (BEAUDOIN CT)
 WVVH, 15000, date/fqy "Aloha" cd in 13d (BAUM FL)
 WYFR, 11805, f/d red "WYFR" on gray background cd in 9d, no rp (JOHNSON FL); same cd in orange and white in 13d (BAUM FL)

특이한 성관절 준비료

Looks like I just made it again. Last month's sign was Portuguese, courtesy of Mrs Herondina Soeiro of the Azores, and said "Dead End Street". Several correct answers came in, but Bob Bodell beat all of the others by 48 hours. Try the one above. It is appropriate. Still a number of cds with poor or no descriptions. Simply describing a card as "crummy" may express your opinion, but hardly helps the rest of us. See you in 30. 73's, Bill 11/16/77

Tips and Topics

The Feature Section of SPEEDX

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FROM THE PAPERS

This month, most of the articles appearing in Tips and Topics will be from the newspapers. It is always interesting to see how the papers cover the shortwave

scene. Most newspapers do not cover shortwave extensively, if at all. But what they do cover, can sometimes be very interesting and informative, as you will see. In this issue, you will find articles about pirate radio stations in Australia and Italy, an article about the "Voix de la France," and an article about radio in the Falkland Islands, plus much, much more. . .

|||||
FREEDOM FIGHTERS' RADIO. . . Three times a week, a faint, crackling radio message is beamed into Darwin - the world's only link with East Timorese fighting against Indonesian invaders. The message is heralded by the song of Mt. Ramelau, East Timor's highest peak - and symbolic rallying point for Timorese fighting for their independence. The song has also become known as the "Hymn of the East Timor Revolution" and calls for a struggle for freedom comparable to the majesty of Mt. Ramelau. These words were written by Francisco Borja da Costa, killed on December 1, 1975, when Indonesia launched its attack on Dili.

Radio Maubere has become the Voice of Timor and a lonely link with the outside world, since Fretilin forces began broadcasts "from somewhere in East Timor's northern border region" in September 1975. A receiver has been set up in a small city office in Darwin to monitor the broadcasts. Broadcast recordings are being translated for local use, then sent on to Sydney to be distributed to external Fretilin leaders around the world.

On duty to monitor the broadcasts are two East Timorese refugees, Carlos Pereira, 25, and Jose Franco, 19, who were both evacuated from Dili to Darwin aboard refugee ships in August 1975, following the Indonesian infiltration into Timor. Radio Maubere broadcasts on 3804 kHz, and monitored in Darwin each Wednesday, Friday and Sunday by a handful of concerned people, has been the main source of information from Fretilin forces since the Indonesian invasion. Though no reciprocal contact can be made with the people still in Timor, they are the only broadcasts to be recorded. Sometimes lasting up to three hours, these consist of music, announcements to Timorese people, and a news bulletin repeated four times in the Tetum Portuguese, English and Indonesian languages. The voice heard most often over Radio Maubere is that of the Minister for Information and National Security, Alarico Jorge Fernandes.

"We don't know exactly where the radio equipment is set up in East Timor," Jose said. "We understand it could be in the northern coastal region. They have a very low power transmitter and broadcasts are often not clear. The quality depends a lot on the weather conditions in Timor." Carlos said that while Radio Maubere now acknowledged that broadcasts were being monitored in Darwin, and sent special messages, the main purpose of the broadcasts was to reach the Timorese people still in the country.

The radio equipment being used to monitor Maubere broadcasts is the property of the Timorese community in Darwin. Since broadcasts first started coming through, the radio has been in the homes of Timorese families, some who had lived here for years, others who had come to Darwin aboard the refugee ships, MacDili and Komopira Maru in August, 1975. The equipment was eventually set up in the city office, so broadcasts could reach a wider group in the community. The equipment monitoring Radio Maubere in Darwin is

again in need of new headquarters. People recording messages, have been told by owners of the building they now occupy, to remove the large, but necessary, outside aerial as soon as possible. The messages are already barely audible. Without the aerial, they would be impossible to hear. (Darwin Star, February 3, 1977.)

|||||
'PIRATE' RADIOS RUN WILD IN ITALY. . . On a recent warm summer night, long after the programs of Italy's state-controlled radio and television network went off the air, a group of young Roman men sat at an out-door cafe listening to the sultry voice of a woman announcer describe over FM radio her scanty bedtime attire. From Naples in the Italian south to the northern city of Milan - where cable TV watchers are treated to a nightly striptease - late-night radio listeners were choosing between all-night pop music or debates on major social and political problems.

A relative novelty in Italy, where the public radio and television network, RAI has had a monopoly over the air waves for the last 24 years, the 600-odd so-called "free" or "pirate" radios that have sprung up around the country like so many wild mushrooms are providing Italian audiences with a greater selection of programs than ever before. Already the bane of RAI's existence since a 1974 court ruling sanctioned private transmissions of local cable TV stations and reception of foreign networks with the purchase of a special antenna, the growing number of private radio and television stations now seem likely to jeopardize the monopoly's survival.

Indeed after years of crisis that produced a controversial reform bill, RAI officials were stunned last month to learn of an 11-to-2 decision by the Supreme Court that local air waves are open to everyone. RAI's president, Beniamino Finocchiaro, condemned the court decision as a "farce" and "buffoonery." He said in an interview last week that it "has opened the way to chaos." The court's decision, not yet published in full, may be revolutionary in its impact.

"Although the court's decision refers specifically only to local transmissions and preserves RAI's exclusive right to broadcast nationally, it is nevertheless a severe blow to the monopoly," says Giorgia Bogi, a deputy of the small centrist Republican party and a member of the 40-man parliamentary watchdog commission that supervises the publicly-owned corporation's programming. "In fact," he adds, "it could mean the end of the monopoly unless the competition of the new stations forces a real shakeup from within."

Two years ago, in its earlier ruling regarding the air waves, the Supreme Court said the monopoly would remain constitutionally defensible only if certain conditions involving impartiality, objectivity, completeness of information, and the right of access - which, it said, did not then exist - were met. The court's 1974 decisions were a major factor in hastening the passage of a new reform bill designed to correct the defects of the monopoly which, although lauded for major productions like the widely acclaimed "Leonardo da Vinci" later bought by CBS, was also notorious for censorship and a lack of objectivity. According to one former RAI official, the tendency was "to think of news as propaganda rather than information." Touchy subjects, such as divorce, abortion and political corruption were downplayed or ignored. According to critic Italo Moscati, deputy chief of the experimental programs department, censorship was built into the monopoly's structure, with Italy's governing parties bargaining for broadcasts as well as personnel.

During almost 15 years of center-left governments, hiring policy at RAI, according to a popular joke, was proportional: "Two Christian Democrats, one socialist, and someone who is professionally qualified. The new reform bill, which strengthened the powers of the parliamentary commission, called for the reorganization of the country's two national channels and three nationwide radio stations as well as for greater decentralization. The idea was to promote freedom of information and provide greater access, says Bogi, but after two years of bickering the only result is slightly better news programs produced by two competing RAI TV stations, a "Catholic" network run primarily by the ruling Christian Democrats and a "lay" network controlled primarily by Italy's Socialists.

While RAI officials were busy discussing how to implement the reform, independent radio stations began taking over unused FM frequencies to broadcast music, local news, advertising, talk shows and sometimes political propaganda. Acting without any official authorization, given the Italian Postal and Telecommunications ministry's continued failure to publish a much needed frequency map, the "free" radios have been steadily drawing listeners away from RAI's three national radio stations. The new stations are divided into three principal groups - political, commercial and esoteric. Collectively they have offered their listeners better, more varied music and a more accurate reflection of today's Italian society.

RAI has given no indication that it plans to fold without a fight. It recently decided to introduce color with the Montreal Olympic Games to counter both the anticipated new Italian channels and foreign television. "Color is our best card," RAI's Finocchiaro said. "At this point it is a question of survival." With color TV sets now costing at least \$600, however, others did not agree. "What most people want is not color but choice," says one media buff who has traveled frequently to the United States. (The Washington Post, July 28, 1976).

|||||

FALKLANDS' RADIO REEN OFTEN COMES TO RESCUE. . . . When the inhabitants of this windy British Crown Colony in the frigid South Atlantic need anything they call Katherine Rowlands by radio. Mrs. Rowlands better known as "Radio Reen" by her scattered listeners presides over the Port Stanley base station which monitors some 37 shortwave radio bases in the Falklands.

The radio system, operated by the local government, serves as a lifeline for almost inaccessible sheep-raising settlements, providing services ranging from a radio doctor to wedding messages. "You don't get bored in this job," said Mrs. Rowlands, in her 30's, as she fiddled with dials of her radio transmitter-receiver in a tiny wooden shed, adjacent to a tiny wooden firehouse overlooking Port Stanley.

There are only 12 miles of roads in the Falklands, a loose collection of 200 islands about the size of Northern Ireland. Outside of Port Stanley, where 900 of the colony's 1,957 staunchly British islanders live, small boats, float planes and tough fourwheeled vehicles provide limited access to outlying areas. A small but efficient crank-phone system operates in Port Stanley and connects some of the larger settlements further away; but for most of the other areas, radio must be used.

The islands earn 90% of their revenue from exports of wool to the United Kingdom. Since sheep require large areas in which to graze, many islanders, by necessity, live in remote places with names like Carcass Island Poul Bay. Some of these hardy islanders don't even come to Port Stanley for years on end and lack all but the most basic of services. "This is a place where you have to do almost everything yourself," says an island resident. "If you don't, you don't survive."

Great Britain has ruled the Falklands since 1833, although Argentina 400 miles to the west says its settlers were here first and also claim the island as territory. Visitors here find it difficult to believe that in the 20th century, there still exists such isolation. "The basic problem here is not that of communicating with the outside world but with each other," said Ted Rowlands, British Minister of State, after a five-day tour of the Falklands which recently took him to the remotest settlements.

There is no television here, no newspaper, no local magazines, no theater, except one or two old movies shown weekly in the town hall. The government provides news and music for several hours a day on "the box," a local broadcast service piped into loudspeakers installed in Port Stanley homes and its five taverns. If can also be poked up on shortwave. The news is mostly picked up from British Broadcasting Corp. transmissions. Local fare recently included: "commentaries from sheep shearing contests" and "the weather forecast followed by commentaries from the sheep dog trials."

One of the two doctors from the Port Stanley Hospital just a few blocks away from Reen's shed presides over medical consultations at 8:30 a. m. daily. The doctor patiently listens to even the most seemingly trivial medical complaint, if only to give a few words of cheering advice to a lonely housewife living in a farflung sheep settlement.

music appeals to the Arab world's growing appetite for Western culture, news can present problems. "We try to be objective, though I suppose we tend to present the French view," Mr. Heurgon says.

Advertising revenue has been growing especially since the world realized how much money was flowing into the Middle East as a result of the oil price rise. This year, Mr. Heurgon expects to carry about \$2 million in advertising or more than triple the 1975 figure. Japanese concerns are the leading sponsors, taking 80 percent of all advertising time. "Watches, radios, cameras and household electrical equipment are the main goods they are advertising," Mr. Heurgon says. The West Germans are in second place, followed by Lebanese and French companies.

At the moment, Mr. Heurgon says, his most serious competitor is the British Broadcasting Corporation, which is installing more powerful transmitters in Cyprus. "But luckily, the BBC doesn't take advertisements," he says. (New York Times, Sept. 4, 1977.)

|||||
HEARING AIDES. . . The first the world knew about the army takeover in Pakistan was an announcement on Pakistan radio at 2:30 a.m. that day. It was monitored by the American Foreign Broadcast Information Service (FBIS) in Bangkok and flashed to the BBC at 2:42 a.m. From there it was telexed to the Foreign Office, the Ministry of Defence and the World Service. The episode illustrates the way in which the United States and Britain have become the ears of the West. It is a coup convention to seize the central radio station and then to use it as an instrument of Government thought - one reason why, for 24 hours each day, the BBC and FBIS catch electronic straws in the wind.

They have had a number of scoops, such as when they monitored the Hungarian uprising of 1956 and the resistance broadcasts of the Czechs after the Soviet invasion in 1968; and when they picked up Krushchev announcing the missile pullout from Cuba and President Nasser nationalizing the Suez Canal. But their day-to-day business is finding out what other governments are saying and documenting the incessant battle of the air for hearts and minds.

Since the Second World War when the BBC monitoring service began by eavesdropping on Hitler, it has extended its antennae through the Cold War towards detente, oil politics, the antics and atrocities of Amin, the struggle for Africa, and the development of Eurocommunism. Its particular territory is Eastern Europe, the Soviet Union, parts of the Middle East and most of Africa. FBIS listens to the rest and they share what they hear.

The head of the monitoring service, Mr. John Bae, cites this as an example of how operating abroad, "can be pretty chancy these days." The Americans had a grandstand view of the Turkish invasion of Cyprus from their station in Karina, for example, but afterwards had to abandon it to overhear the Middle East from other locations. Such field operations are expensive, another reason why the BBC does 95 percent of its listening at a former stately home in 90 acres of rolling Berkshire countryside at Caversham, near Reading. It is here, in rambling rooms with high ceilings, that 120 monitors and 50 editors tune in to Radio Moscow's domestic services, via remotely controlled receivers in Vienna.

Africa is also receiving increasing attention. The BBC's largest and most productive bureau is in Nairobi where 12 monitors trap the airwaves from the Horn of Africa to Angola and Mozambique. "We made Amin what he is today," John Bae says, "by listening in to his every word. He tunes in to the BBC's World Service in the evening and then dictates his reply on Kampala Radio the next morning - it's like a running dialogue. If we hadn't listened so much, he might have just faded away." One voice he would like to hear a lot more of is South Africa's domestic services. "At the moment we can monitor their external broadcasts but it's what they tell their own people that's interesting" - just as Moscow can learn more from overhearing the World at One than Radio Newsreel.

One change has been the decrease in emigres and the recruitment of graduate British linguists. According to George Novakovic, Head of Reception and one of the old school it used to be full of characters during and after

the war. Now it is more professional. It can, of course, only listen to a fraction of all that is said but after 28 years, it is confident that next time a general seizes power, someone in Berkshire will be listening. (Manchester Guardian, July 9, 1977 via John Rogers)

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CARTER SEEKS LOUDER VOICE AND RFE/RL. . . President Carter is calling for a substantial increase in the US's international broadcasting efforts, particularly those aimed at the Soviet Union and Eastern Europe. In all, he is calling for the addition of 28 250 kw transmitters which he says could be installed in the next three to five years.

The President in a message to Congress said five transmitters are needed by the Voice of America and 11 by Radio Free Europe/Radio Liberty to broadcast to the USSR and other countries in Eastern Europe. He said the price would be between \$22 million and \$25 million. The remaining 12 would be used by VOA to broadcast in the western Pacific and Eastern Africa. Funds for those transmitters will be specified in budget requests. (All 28 transmitters are expected to cost in the \$45 million range - \$30 million for VOA and \$14.2 million for RFE/RL.)

The President's report was due on January 31, but delivery was postponed to permit a review of the draft prepared by the Food Administration. The report is based on a study done by someone identified by the President only as "a recognized authority in the field of international broadcasting." Administration officials identified him as James Mocer, who had held a number of key posts in the US Information Agency before retiring last year.

Mr. Mocer found that the present transmission facilities of both the VOA and RFE/RL "are inadequate to assure a satisfactory probability of reception in all current languages of broadcast to the USSR and Eastern Europe." A primary reason for the problem, according to the report, is the heavy jamming of RFE/RL broadcasts by the USSR, Czechoslovakia, Bulgaria and Poland. VOA broadcasts are said to be generally, if "reluctantly" accepted.

VOA and RFE/RL perform distinct missions, which, President Carter said, should be maintained. VOA, an integral part of the US government, presents world news and explains US policy and society. RFE/RL, a nonprofit corporation funded by Congress and supervised by the Board of International Broadcasting, has the assignment, President Carter said, of encouraging "a constructive dialogue with the peoples of the USSR and Eastern Europe."

President Carter said that once the 28 new transmitters are installed, all present US broadcasting needs can be met. Extending BIB-type broadcasting to countries outside of Eastern Europe, he said, would be impractical for a number of reasons - cost, for one. It would probably require \$100 million to build a worldwide network. Obtaining sites for the transmitters would pose another, as would "the frequent political changes" occurring within the countries that would be targets of the new enlarged broadcasting effort. (Via Bill Coleman, Jr.)

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AUTONOMY UNLIKELY AT VOICE OF AMERICA. . . Independence for the broadcasting service, now part of the United States Information Agency, is an issue that has been simmering for years, gradually coming to a boil. A commission recommended independence in 1975, in November, 1976, about two-thirds of the Voice of America staff petitioned for it; earlier this year the Senate tried to legislate it. But it now appears that even a watered-down version of such a plan may not make it into law.

It seems to me that, when we made the decision to establish the Voice of America, we made the decision to establish a Government propaganda agency, the purpose of which was to transmit our message abroad, said a ranking Democratic Senator. "The Voice of America," he continued, "is a Government broadcasting company and to pretend otherwise is only to fool ourselves. If the Voice of America is not going to be the expression of the American Government in its foreign policy and its objectives abroad, why do we maintain it?" he asked.

The Voice of America's charter calls on it to be "accurate, objective and comprehensive" as well as "reliable" and "authoritative" in its news, and

to "present the policies of the United States clearly and effectively" along with "reasonable discussion and opinion on these policies." But according to the Voice of America staff petition, the agency's position "at the intersection of journalism and diplomacy" has been a difficult one to maintain, and the radio station has suffered "repeated unwarranted restrictions on its output." It cannot, the petition said, continue a "viable relationship" with the information agency, which it called "an adjunct of diplomacy."

Kenneth Siddens, a director of the Voice of America who resigned recently, has complained that the agency was subjected to constant State Department pressure, such as "don't say this, don't say that or don't talk about that."

The new director of the United States Information Agency, John E. Reinhardt, has issued new guidelines for the broadcasting service. They seem to indicate an effort to satisfy complaints about interference from the information agency while at the same time opposing independence. The broadcasting service, he said, would be "solely responsible for the content of news broadcasts," with no interference from outside, not even from the information agency.

Mr. Reinhardt, in the text of a speech scheduled to be delivered this weekend, stressed a theme that might be reassuring to those at the broadcasting service who want independence. "Propaganda has no place in our scheme of things," he said. But Bernard Kamenske, the chief of the Voice of America's news division, testified earlier that many of its professionals are intimidated, "so completely shocked, so completely hounded, that to present the cold, hard facts is a difficult task indeed."

Mr. Kamenske agrees with the widespread view that independence for the Voice of America is unlikely soon, partly because of what he called a "lobbying blitz" by its opponents, partly because of what he sees as a lack of recognition of "the advantage to the national interest, that a more effective VOA would really serve the country." (New York Times, May 29, 1977.)

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THE BEST INFORMATION IS FROM THE MANUFACTURER. . . Russ Hollenbeck. . . Do you want to know the best antenna for your receiver? Do you need the schematics, manual, parts or accessories to improve your radio? The best bet would be the manufacturer of the receiver. All you have to do is simply drop a letter to the manufacturer of your receiver requesting the information. Here are some manufacturers and their addresses:

- Barlows Television Co., P.O. Box 25, New Germany, Natal, South Africa
- R.I. Drake Company, 540 Richard Street, Miamisburg, Ohio 45342
- Panasonic Company, Division of Matsushita Electronics Corporation of America, One Panasonic Way, Secaucus, New Jersey 07094
- Sony Corporation of America, 9 West 57th Street, New York, NY 10019
- Radio Shack, A Tandy Corporation, Forth Worth, Texas 76107
- Yaesu Electronic Corporation, P.O. Box 498, Paramount, CA 90725
- Zenith Radio Corporation, 11000 Seymour Avenue, Franklin Park, IL 60131

|||||
CDDS AND ENDS. . . Well, this column closes out the year. Now, 1977 belongs to history. It was not a very good year for DXing. A few stations closed shop to North America while some others drastically changed their QSL policies for the worst. On the other hand, we did see this year the BBC's Antigua base along with DW's Montserrat relay base come into full operation, and we must not forget the reactivation of Radio Nordzee International. What will happen next year? Only the future knows!

Let me take the space remaining to thank all those who have contributed to this column during the past year. You all deserve a job well done. I hope to see many of you contribute during 1978.

Now let me wish everyone a Merry Christmas and a Happy, Prosperous and Fruitful New Year. And to all Jewish members - A Happy Chanukah! I remain, best wishes and 73's, *Arthur S. Getzel* Arthur S. Getzel, Editor T & T.

DECEMBER CONTRIBUTORS PAGE

Each contributors name is preceded by a number. This number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for sections other than SWBC, QSL, UTE & SKEDS are not listed here, they are recorded separately by the membership chairman by perusing each issue. The * preceding a number indicates credit is given for credits that were missed the previous month.

3	ANGELONI, RICHARD	NY....DX-40	2	HOOK, JERRY	FL....DR-22
1	ARNESON, LARRY	MO....FRG-7	2	HOWARTH, CHESTER	WA....SPR-4
2	BALDWIN, MIKE	NC....FRG-7	1	ISHIZAKI, YASUO	JAPAN,ICF-5900
2	BATSON, BOB	KS....SSR-1	7	JOHNSON, RICHARD	FL....DX-160
*6	BAUM, RICKY	FL.CRF-5100	1	JONES, DAVID	VA....51S-1
5	BEAUDOIN, BOB	CT....FRG-7	5	JONES, JACK	MS..DX-150A
1	BERNSTEIN, ROGER	GA....DX-160	1	JONES, MIKE	CA.CRF-330K
7	BEUKELMAN, BILL	HOLLAND...XCR-30	3	JUNQUA, GIB	JAPAN....R4C
5	BALAZE, SANDY	LA....51-J3	5	KARCHESKI, "CHIP"	MA....SPR-4
3	BODELL, BOB	OR....SPR-4	4	KAUFMAN, MALCOLM	NY....SW4A
1	BOWEN, PETER	N.S....FRG-7	3	KAVALESKY, EDWARD	OH....SPR-4
3	BOWERS, PHILLIP	TURKEY....SSR-1	7	KAWCHUK, KARMAN	SASK....DX-160
1	BOWMAN, BOB	VA....R-390	4	KLEMENS, BRUCE	NJ....SPR-4
1	BRIGHAM, WARNER	IL.HOMEBREW	3	KOVAL, STEPHEN	NJ....DX-160
5	BRODSKY, DAVID	NY.ICF-5900	4	KUKAN, BOB	NJ....DX-160
4	BRYAN, JAMES	CA....SPR-4	1	KUSALIK, EDWARD	ONT....R-388
1	CABOS, RALF	W.GERM.GRU-2000	1	LARSON, EVELYN	NE...KH-500
5	CARRIER, DAN	FL....FRG-7	1	LEGGE, ROGER	VA....51J
2	CHABAK, MIKE	CO....HQ-180	4	LEVESQUE, DIANE	IL...XCR-30
7	CHITUCK, BRUCE	MD....DX-160	2	LIGON, WILLIAM	GA....DX-160
2	CLEVELAND, BILL	CA....SPR-4	4	LINDSEY, RANDY	NJ....DX-160
3	COHEN, JON	NJ....FRG-7	1	LINK, GEORGE	CA....DX-160
3	COMPTON, KEN	MA..DX-150A	6	LOBDELL, CHRIS	MA....FRG-7
2	CUNEO, RICHARD	NY...D-7000	1	LONGACRE, DON	NY....HQ-215
4	DALUM, GERALD	IN....FRG-7	3	MACRIS, RANDY	MO...DX-160
3	DAVIDONIS, LEO	MA..HA-600A	7	MAGHAKIAN, MIKE	NY,ICF-5900
1	DAVIS, TONY	SC....FRG-7	2	MALONE, RICHARD	MA....DX-160
5	DAVIS, WAYNE	NJ...HRO-60	3	MAPPIN, JAMES	WA....SCOTT
4	DAWSON, ARCH	CA....SPR-4	3	MARABLE, IVERY	ITALY.....??
1	DEVENDORF, J.C.	CA....SPR-4	7	MARTIN, BOB	LA....FRG-7
1	DIAMOND, ABE	MD..CRF-320	1	MATTHEW, RICK	B.C...R-1530
6	DONLY, BOB	SC.EDY-8302	1	MAYER, ALAN	IL....SPR-4
4	DRUMHELLER, DAVID	PA....DX-160	3	McCURDY, TIM	CA..HA-600A
1	DUKE, DAVID	TX..RF-2200	1	MEEHAN, JIM	CT...SX-190
1	DURANT, HENRY	MD....SPR-4	4	MILLER, SCOTT	MA....FRG-7
4	DUTKOWSKI, DON	B.C....FRG-7	5	MILLER, WILLIAM	CA....DX-160
5	EARHART, KEN	PA....FRG-7	2	MITCHELL, RICHARD	CA....SSR-1
3	ELDER, RICK	SASK..KH-3000	3	MONJURE, RICHARD	LA.....??
1	ENDZA, MIKE	CA...DX-160	2	MORITZ, JOHN	OH..HQ-180
5	FELTY, DAVID	OH.ICF-5900	4	NAYLOR, SPENCE	CA....FRG-7
1	FICK, DEAN	OH.....??	1	NEMECEK, PAUL	CA....SSR-1
1	FISCHER, JOHN	PA...SX-190	4	NEUMANN, SERGE	IN...HQ-180
3	FOWLER, GARY	ONT..FR-101S	4	NEWELL, COLIN	B.C..DX-150A
1	FOXWORTH, BOB	NY...HQ-150	1	NOVELLO, JAY	NY...XCR-30
1	FRANCK, CHARLES	VA....DX-160	2	O'BRIEN, JIM	B.C...S-120
7	FRASER, BOB	MA...XCR-30	*1	OLSSON, ERIC	CT....SPR-4
2	FRENCH, BOB	MD....S-108	3	ONKEN, JOHN	IL....FRG-7
6	GAEDE, ALLAN	CA....R-390	2	PAGANO, FRANK	DC...XCR-30
1	GARMS, JAMES	AZ....DX-160	1	PAOLINI, GREG	CT...SW-717
1	GAVARAS, TOM	MN...HQ-180	5	PECENKA, JOE	IN...XCR-30
5	GEORGE, CHARLES	TX....SSR-1	4	PECK, MARTIN	NY.TEM-1600
5	GRENIER, PETE	CA....FRG-7	4	PERRY, COLIN	QUE.GRU-2000
6	HACKNEY, RICHARD	TN..HQ-100A	2	PETERS, DAVID	KY....SPR-4
7	HALL, TIM	CA..DX-150B	1	PETERSON, ADRIAN	INDIA.....?
5	HALLBERG, SCOTT	IL....DX-160	5	PETERSON, ROGER	CT....SSR-1
3	HARDESTER, MIKE	OKI....SPR-4	1	PIMBLETT, NIGEL	ALB...SX-190
4	HAUSER, GLENN	TN....FRG-7	5	POOLE, GREG	GA....DX-160
2	HEATH, WILLIAM	KY...DX-160	5	PRATH, JOHN	FL....DX-160
1	HICKMAN, MEL	OR...A-251S	1	RAFE, GARY	NY..R12-774
4	HILL, NORMAN	VA....DX-40	6	RICCI, EDUARDO	CA....FRG-7
4	HODSDON, THOMAS	MN....FRG-7	3	ROGERS, JOHN	ME....SPR-4
2	HOFFMAN, CHARLES	PA....FRG-7	1	ROGERS, WESLEY	ONT...SX-190
2	HOLBROOK, HANK	MD...SP-600	1	ROMANI, DAVID	OH....SPR-4

1 ROBER, TIM	AL..ASTRO-4	6 THOMPSON, GLENN	NM..HQ-145A
3 ROJNDG, PETER	CA...GR-78	6 THOMPSON, PEGGY	CA...PTL-9
1 ROUTENBURG, PAUL	ONT...SPR-4	4 TILBURY, EDWARD	AK...FR-101
1 RUSSELL, GARY	IL...SSR-1	5 TRAUT CHOLD	WI...FRG-7
4 SAADE, BRIAN	CA...FRG-7	2 TROCHIMCZYK, J.	DC...XCR-30
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This month we welcome 17 first time reporters, they are: William Beukelman, Holland; Robert Bowman, VA; Bruce Chituck, MD; Gerald Dalum, IN; David Drumheller, PA; Dean Fick, OH; James Garms, AZ; Richard Hackney, TN; Michael Jones, CA; Edward Kavalesky, OH; Stephen Koval, NJ; Diane Levesque, IL; Ivory Marable, Italy; Richard Monjure, LA; Greg Poole, GA; Andre Velden, Holland; and Scott Wayne. A great big thank you to 174 DXers, a new record.

Some of the receivers used by the contributors to the columns this month are as follows: FRG-7, 29; SPR-4, 24; DX-160, 23; XCR-30, 9; SSR-1, 8. The DX-160 plus 5,150A & B are right up there. The SX-190 is dropping fast, only 7 reported this month.

Ed note: My apologies to Marvin and Abe Diamond, both of Baltimore, MD. Through an error, I have been giving Abe's credits to Marvin. Sorry fellows. Vera please note: Marvin should be credited with 4 points and Abe with 3. Abe uses a CRF-320 and Marvin a DR-22. My records are correct now, Hi.

GAB - FESTS

Two Lancaster County DX/SWlers wish to contact area hobbyist for occasional informal meetings. Please contact Gerry Bishop, RD 1, Box 377 Christiana, PA 17509, or Charley Hoffman, PO Box 321 Manheim, PA 17545.

DIXIELAND DX CLUB

The Dixieland DX Club is now gathering information for their first bulletin. For further information, please send a SASE to Chris Baskind, 603 Enger Dr. Pascagoula, MS 39567, or to Rickey Baum, 6726 NW 18 Ave, Gaineville, FL 32605

Season's Greetings

Merry Christmas



Merry Christmas

Season's Greetings

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