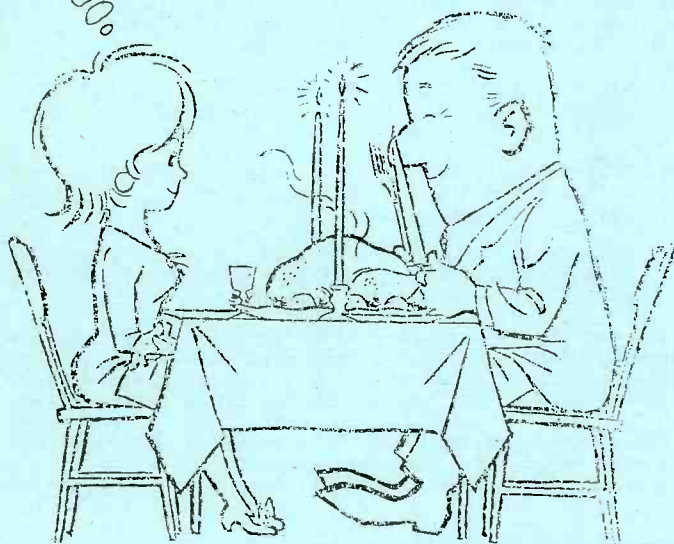
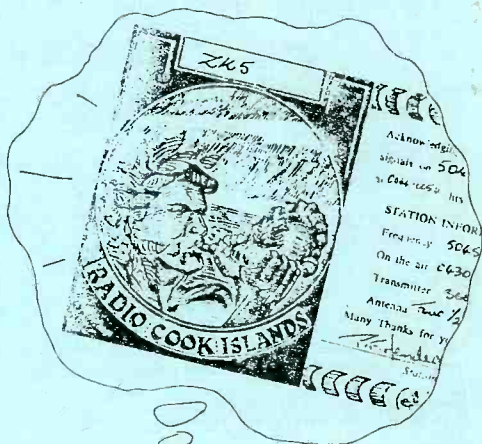
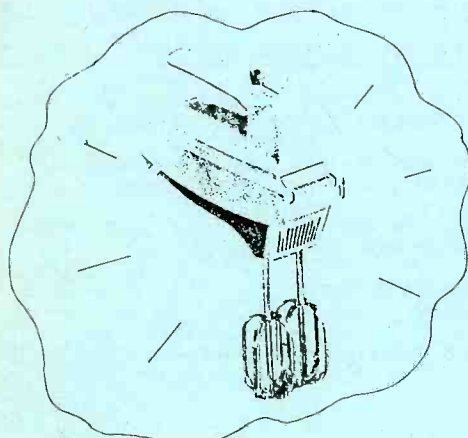


SPEEDY

the dx radio magazine for active shortwave listeners



NOVEMBER 1976

Vol. VI No. XI



KEYNOTES



Editor: OLIVER ELLSWORTH
2043 West 75th Street, Los Angeles, California 90047

CONGRATULATIONS TO 4 NEW FULL MEMBERS

GARY FOWLER ONT. CANADA	RANDOLPH MACRIS RICHMOND, MO	AILAN STUART BOSTON, MA	SUSAN WYLLIE FRANKLIN, MA
----------------------------	---------------------------------	----------------------------	------------------------------

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

THOMAS HALI SAN FRANCISCO, CA	FRANCIS HART III BURLINGTON, MA	MICHAEL SAXON FARMINGVILLE, NY	JOHN KOBE WEST NEWTON, PA
BOB ALBERTS REDLANDS, CA	KEN EATON MILWAUKEE, WI	MAKOTO OKAWARA JAPAN	DON DUTCHYSHEN ALB, CANADA
TOM WARRENBURG DELAVAN, WI	JAMES BRYAN TRACY, CA	WILLIAM PUTNEY PRINCETON, NJ	FUMIO MIZUTA JAPAN
KAZUO OSADA JAPAN	GARY RAPE BUFFALO, NY	THOMAS NEELY NORTH LITTLE ROCK, AR	

We are extremely glad to have you aboard, hope we hear from you often by your support of the various sections.

STATIONS BY THE HUNDREDS

A really good turnout for the contest! The totals were 118 SWBC stations (give or take a few pending final editing by HQ) heard on 27 different even hundred kilohertz frequencies! In addition there were 2 tentatives, 1 unknown, 2 jammers, 1 harmonic, 1 spur (RHC, naturally) and 2 time stations reported. The winners, scores and prizes are:

- 1st place: Glenn Hauser, TN.60 SWBC stations heard. 1 year extension of SPEEDX membership, 1 year extension of SPEEDXGRAM, SPEEDX certificate and pennant.
- 2nd place: Bill Breeden, MS.53 SWBC stations heard. 6 month extension of SPEEDX membership, 1 year extension of SPEEDXGRAM, SPEEDX certificate and pennant.
- 3rd place: Bill Estes, MS.50 SWBC stations heard. 3 month extension of SPEEDX membership, 1 year extension of SPEEDXGRAM, SPEEDX certificate and pennant.

Hauser and Breeden each had a score of 6 for the most stations heard on any one frequency (9600 and 17800). Each were awarded an additional 3 month extension of SPEEDX membership for this adroit bit of dial twisting. Doug Snyder got 6 on 9600 but the SPEEDX top brass get no prizes!

In recognition of the excellence of their reports, Honorable Mention certificates were awarded to the following: Mark Bixby, CA; Adam Gaffin, NY; Tuula Mahaffey, OH; Richard Mitchell, CA; Doug Snyder, CA; and Greg Watts, IN.

To everybody who made this contest a big success, a 55555 Thanks a Million.

PUBLISHERS NOTE

Those of you that received October issues that were incomplete are asked to advise HQS by post card. We will send you the missing pages. 10 or 12 copies were mis-collated, however only 2 members have written for the missing pages. Pages 15/16 may be missing and 13/14 may be in duplicate.

MERRY CHRISTMAS SPEEDX STYLE

Thanks to all that have responded to the announcement of the HAP Xmas tree fund drive in the October issue. All those donating \$1.00 or more, will be wishing all DXers Happy Holidays by their names appearing on the decorative Holiday Greeting page in the December issue of SPEEDX. You still have time to get your donation in. If Uncle Sam delays your letter, your name will appear in the January issue; Wishing everyone a Happy New Year.

HAP Director, Ted Poling recently announced that Wayne Davis was appointed as HAP Assistant Director. Ted also announced that he may enter a nursing home in January 1977, and stated if he is unable to continue with HAP activities, Mr. Davis will take over in his place.

WR TVH - 1977

Now is the time that we usually start our annual hunt for the next years issue of WRTH. DXers of all clubs are invited to order their '77 copy at a discount from COMMTECH, 13754 Victory Blvd., Van Nuys, CA 91401, attention: Jim Rafferty. A discount price of \$8.40 will deliver a copy to your door as soon as they are available, probably in late January or February. Just mention that you are a member of a hobby club to get the discount. Foreign members should write for costs.

LISTEN TO THE WORLD ON SHORTWAVE RADIO

Bumper stickers in red & white on vinyl material, 15" x 3 3/4" which reads, Listen to the World on Shortwave Radio. This item was created for the purpose of publicizing our hobby, they are designed for your car, radio shack, or your neighbors front door, Hi. Cost is 50¢ each in USA/Canada. \$1.00 or 6 IRCs, 2 for \$1.50 or 9 IRCs to foreign countries via airmail. Order from: Don Johnson, PO Box E, Elsinore, CA 92530 USA.

REGIONAL GET - TOGETHERS

The next meeting of the BAD Guys, (Boston Area DXers) will be held at the home of Mark Scannell, 20 Ridgewood Dr. Norwood, MA 02062. For date and other information see DX-Montage and or Western Hemisphere pages, or you may phone Mark at (617) 762-7951. Let Mark know that you will be there as food will be served. A small donation will be gladly accepted.

The annual San Diego Area Thanksgiving Get-together will be held at the home of Albert & Helene Lobel, on November 20, from noon on. There will be a \$2.00 charge per person for food expense. Please advise the Lobel's that you will be there. 10514 Caminito Baywood, San Diego, CA 92126. Phone - (714) 566-0092.

The SCADS get-together held in Tustin on October 16-17, was a huge success. Among the guests were Mr & Mrs Everhardt of Radio station HCJB, Quito, SA. Representatives from Yaesu and Commtech, etal.

CENTRAL DISTRIBUTING CENTER

SPEEDX encourages that all loggings be directed to the respective editors whose deadline remains as the 15th of the month. However, anyone wishing to send all their loggings to a distributing center because of the postage costs may send them to Oliver Ellsworth, 2043 W 75th St, Los Angeles, CA. 90047. Providing that the reports be cut and separated into areas, your name is to appear on each slip, and to reach me by the 10th of the month so that I may get them to the respective editors by their deadline. We do not want to delay the publication of SPEEDX, do we?

CONTRIBUTORS PAGE

Although there is no contributors page this month, all reporters have received their earned credits. The typed page was mailed to the Membership Chairman for posting of credits. There were 129 reporters, 8 first timers and a few lost sheep, that have returned, Hi.

GEALERT BROADCASTS WWV

Mike Hardester was informed by the Space Environment Service Center, Boulder Co. that due to public response, they are resuming the broadcasts, at 18 - minutes past the hour from WWV.



DX MONTAGE

RESEARCH/COMFILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

THE SONG OF THE NIGHTINGALE (or "How Roma Radio Gives You The Bird"): Ever wonder about the origin of the tuning signal utilized by RAI before each transmission? The nightingale song of the Italian Radio was produced by an old spring mechanism and tubes invented some hundred years ago in Paris by a man named Mastro Bontems, characterized as an extravagant and witty personality. This instrument originally reproduced bird songs, imitating some of the most charming ones. In addition to the patient technical work required, Bontems carried out some lengthy research in the Parisian woods.....then still populated with blackbirds, thrushes, and nightingales....and set constant ambushes in order to get the particular song he required. Bontems' invention was a rudimentary tape recorder with a conglomeration of whistles worked by pistons which he constantly moved until he got the sound he wanted ...it was, in fact, a prehistoric "musicassette", which, once known and mass constructed, made a fortune for its inventor. And it can be heard daily on your receiver...the mating cry of the wild, mechanical Bontems.



RATHER THAN FIGHT, FINLAND SWITCHED: Every second year the Nordic Shortwave and Transcription Services meet to discuss common problems and ways of improving co-operation between Norway, Sweden, Denmark, Finland, and the Faroe Islands. One of the results of the latest confab was an agreement not to beam transmissions to a common target simultaneously in the same language. For some time in the past both Finland and Sweden had beamed English programs to North America from 1400 to 1430 GMT. In view of this year's agreement Radio Finland agreed to move their programming in English to the new time of 1330 to 1400, allowing Radio Sweden to keep her 1400 North American Service time slot. The FBC has been heard at the new time since...

DXING... "LOVETT" OR LEAVE IT: Though it was not a shortwave station, this scene could be repeated in many small domestic SW outlets which generally are not deluged with listeners' reports. Ohio SPEEDXer Brandon Lovett shares an experience occurring at a local BCB station for which he formerly worked... A report was sent by a well-known all-band DXer...and it was a tentative report which turned out to be incorrect. The Chief Engineer read the report, gave it to the Front Desk Secretary, and told her to send the reporter a rejection letter. She looked at it and just couldn't understand. Here was someone from a distant state sitting up at four A.M. trying to hear the station. She finally did write the letter...all the time wondering, "Is this person lonely? Is that why he sits up at all hours of the night writing, weird letters to distant radio stations?" ...Soon, Brandon confessed that he, too, was one of those weird people who sit up all night listening to the radio. Predictably, she still didn't understand!

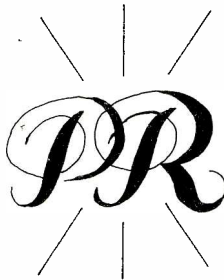
ACORNS FROM OAKDALE:



...Politics is glib and take...

BOSTON AREA DXERS: Next B.A.D. Guys meeting is scheduled for 14 November at the home of Mark Scannell, 20 Ridgewood Dr, Norwood, MA..

YOU'RE NOT LIKELY TO HEAR IT ON POLISH RADIO, BUT... a Michigan lawyer says the most American of birds, the Bald Eagle, may be part Polish. Research the attorney did as part of our country's bicentennial has convinced him the Bald Eagle of the United States and the White Eagle of Poland may have interbred about the time of the American Revolution. In the research the barrister learned White Eagles disappeared from Poland only four years before the U.S. Revolution. What happened to the White Eagles is one of the mysteries of science. The researcher is convinced however, of the accuracy of Nineteenth Century reports that the eagles flew to North America. If they did end up in America, it would have been only natural for them to interbreed with the Bald Eagle...and the evidence is in the similar appearance of the two species. And you thought all eagles looked alike anyway? Okay, but, please...no Polish Bald Eagle jokes!





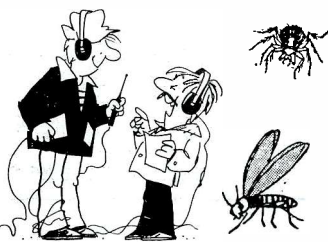
DX MONTAGE



The SOAP BOX

A DIVISION OF "DX MONTAGE"

Moderator: *Alan H. Brackley*



The discussion on proper use of the SINPO code continues as Maryland DXer ROBERT FRENCH offers the following commentary on signal quality evaluation:

"The whole business of rating signal quality seems to be rather subjective and qualitative, as the average DXer has neither the sophisticated equipment nor the means of obtaining the expensive equipment needed to perform quantitative measurements of signal quality...

"Personally, I judge a SINPO rating as follows; S-5 if the strength is such that good reception is had with minimal setting of RF gain control with due allowance for receiver sensitivity dropping off at higher frequencies. Example: local BCB station is S-5. This drops to '4' if I have to advance the RF gain a bit to get good reception; S-3 for signals which cannot be heard exceptionally well with any RF gain setting; S-2 for signals which are so weak as to be marginally intelligible; S-1 for signals which cannot be understood due to weakness...

"The 'I' rating; '5', no interference audible; '4', a little interference audible, but not annoying; '3', can copy desired signal OK, but the interference is distinctly annoying; '2', can copy partially through heavy interference, but solid copy impossible; '1', too much interference for any useful copy...

"The 'N' rating...as for 'I', but substitute 'noise' for 'interference'. I include both local electrical noise and atmospheric in the 'N' rating...

"For 'P' rating... '5', no fading detectable to the ear; '4', a little fading, mostly long-term, or distinct changes in level from one transmission to the next; '3', fading clearly noticeable, but does not significantly degrade ability to copy; '2', rather severe fading, with degraded ability to copy; '1', fading to inaudible at times...

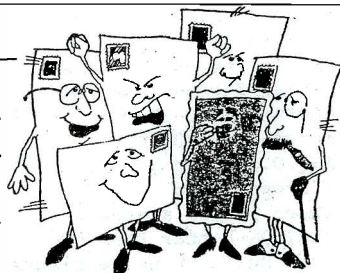
"The 'O' rating... '5', easy copy, like local BCB station with no degradations from external interference or noise...equivalent to the 'A' service area of local BCB stations; '4', solid copy, but with some annoyance like a low level of interference or some noise; '3', copy OK, but with difficulty...requires attention to what is being said at all times...and mental effort to follow, but can copy OK; '2', requires considerable effort to copy, with some gaps; and '1', unreadable...

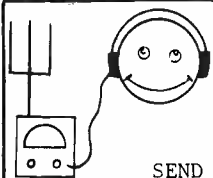
"The 'O' rating can be degraded on a signal...C.W. or voice...with straight SINP '5555' if the modulation is lousy! Some ships heard here on C.W. sound like a flock of birds chirping, with the result being almost unreadable even though they have a strong signal in the clear...same for modulation of very shallow markers such as are sometimes heard from Mexico and others..."

California-based, but Okinawa-bound MIKE HARDESTER raises a new, but interest point:

"Being an avid DXer and QSL collector, I send several reports to stations each month...occasionally a new station will be logged where return postage is a must. Two choices are available: IRCs or mint stamps. When I began DXing, IRCs were 15¢ each and I didn't know about mint stamps, per se. Today, being wise to both, I opt for the mint stamps. I recently ordered some mint stamps from DX STAMP SERVICE ...and noted a few increases in the price list...I find it difficult to justify spending \$1.06 for a single report to a station where there is no guarantee that I'll receive a reply. My wife, who has been a SWL, has never questioned my sending reports, but she has asked if there isn't a less expensive way to obtain a QSL. Of course, there is always the tape recording method, but somehow there isn't the same thrill of receiving a card from the station involved. One cannot help but wonder what the future holds when postage rates continue to rise and many DXers revert to SWL status...not necessarily by choice..."

"One way in which I've tried to help other DXers is when I report to a QSL column I list the amount of postage, when possible, used by the station to mail the card or letter to me ...if a station is known to send only cards and the postage used is 10dx, but DX STAMP SERVICE sells only a packet of 20dx value, then intelligence directs you to send only half in postage and save the other 10dx for another station and report. Further, I check the QSL columns and, if postage amounts are listed, I record them for future reference. I would encourage other DXers to help each other by doing similarly..."





TECHNICAL TOPICS ? ? ? ? ?

Editor

RALPH SANSEIRINO

TECHNICAL TOPICS
8422 CRANE CIRCLE
HUNTINGTON BEACH
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

WRTH '77 - Rumbles are the '77 issue will be out in February, also the SWL/DXer is getting a good shake this year it would seem on the surface. A discount price has surfaced for members of IRCA, NASWA, NRC & NNRC, as you will note the names of SPEEDX & ASWLC are not listed for the discount price and the person giving the discount is a member of both SPEEDX & ASWLC, this person is the same one who put the screws to the effort of SPEEDX getting the WRTH '76 at a discount for its members.

SPEEDX & ASWLC members are getting a discount price from a different source than mentioned above, the price is \$8.40 delivered to your door, order from COMMTECH ENTERPRISES 13754 Victory Blvd., Van Nuys, CA 91401. Please mention that you're a member of SPEEDX when ordering.

XXXXXXXXXXXXXXXXXXXXXXXXXXXX



YAESU FR101 DIGITAL
SOLID STATE RECEIVER

This writer again had the good fortune to tune another fine product from the Yaesu people. I would like to thank the Yaesu people for loan of the equipment for testing. The FR101 is probably the best receiver on the market today in its price range. It was built as a partner to the Yaesu FL101 transmitter for ham use, but it will do an excellent job for the SWL.

COVERAGE-1.8-30 mHz plus *50.0-54.0 mHz, *144-148 mHz (*optional plug-in modules). MODE-USB, LSB, CW, AM, RTTY & FM(144-148mHz). SENSITIVITY-1uV for AM, 0.3uV for SSB. SELECTIVITY-2.4kHz @ 6db, 4.0kHz @ 60db for SSB, for AM a broad/sharp switch-broad is 6kHz @ 6db, 12kHz @ 60db with optional filter, sharp is not stated but block diagram shows SSB filter in place. IMAGE REJECTION-better than 60db. The FR101 also has selectable AGC, fast, slow & off. Built-in noise blanker. +5kHz clarifier. Built-in 25 or 100kHz calibrator. Built-in AC supply and 12VDC operation. RF Attenuator 10 & 20db. Recorder jack. Better than 1kHz readout on all bands. SUMMARY-Another fine piece of gear from Yaesu. Digital readout is first class, selectivity is excellent, sensitivity very good. I would like to have one of these in my shack. LIST PRICE \$629.00 + tax in CA with SW crystals extra. Contact COMMTECH ENTERPRISES 13754 Victory Blvd., Van Nuys, CA 91401 for discount info, please mention SPEEDX.

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

R.L DRAKE - Drake has opened up a western region sales & service center. All persons west of the Rockies are to use this center for service, all inquires that go to Ohio will be returned to the western service center. Please con-

tact - William Gaible, Sales Manager at R.L Drake Co., Western Region Sales & Service, Las Vegas, Nevada 89102, phone (702) 382-9470. Please contact them before shipping any gear. Thanks to Lou Leistner for info.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

ANTENNA WIRE - Have a question about using insulated wire for an antenna. Insulated 12 or 14 guage stranded or solid wire will do the job nicely, you can use the same wire for the lead-in, be sure to keep lead-in away from metal frames, lead-in is part of the antenna. In the near future I will feature a very good inverted 'L' that works first rate.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

RCSSB - question on the use of this abbreviation in the August issue of Speedx in the Utility Section page 39, eight lines from top of page. RCSSB means - 'Reduced carrier single-side band', this is regular single-side band with a slight carrier added. The carrier can be detected by the beat note from your receivers BFO. RCSSB is used in radio telephone ship to shore. Thanks to John Kolb for info on this one.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX



YAESU FRG - 7
Price \$270.00 + tax in CA
COMMTECH ENTERPRISES
13754 Victory Blvd.
Van Nuys, CA 91401

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Next month if I have room and info I will have reviews on the Kenwood R300 and the Yaesu FR101S. Another note on Commtech, they handle Drake, Kenwood, Yaesu and Collins, please contact them for discount prices, mention Speedx.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

SYNTHESIZER - The Drake FS-4 synthesizer is back in business again. It will hit the market in November. The bugs have been worked out. Thanks to William Gaible of Drake Las Vegas for info.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

QRM from the local TV set. Have a question from Larry Brookwell about this problem, he wants to know what is the origin of the SW QRM at approx every 15kHz caused by the TV receiver. Is it fed to the SW receiver via the TV antenna, thru the electric lines, or by direct radiation? Is there any device on the market, or a home-brew that will eliminate, or reduce this QRM? I have been told the only remedy is to line the inside of the TV cabinet with aluminum foil and ground it. In your opinion would this work? The problem is from a 20 watt transmitter they call a oscillator, and it radiates the signal into everything, including the fillings in your teeth. There is nothing that you can buy, build or steal (unless its the TV set) that will eliminate this problem, except putting the switch in the off position. I do not recommend lining the TV set with Reynolds wrap, maybe if you are a TV tech, touch the wrong thing and on your ear you go if you do not discharge the set. The only thing I can suggest is DX when the TV set is off.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Reprints available from HQ for .25c in coin or stamps, overseas 4 IRCs.....
SPR4 selectivity and other mods. DX160 review & improvements. SB310 & SB313
mods. Sources for SWL supplies & stuff. LM freq meter. SX190 mod.....

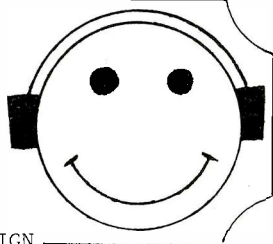
Thanks for all the help this month, keep it coming. 73 - GOOD DX.....



H A P P E N I N G S

HANDICAPPED AID PROGRAM

TED POLING -HAP DIRECTOR
P. O. BOX 163
MT STERLING, IL 62353



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

I've just announced a new member of HAPS Board of Directors, Wayne Davis, and now I take pleasure in announcing the appointment of a public relations director for HAP. He is Larry Cotariu, 8041 N. Hamlin Ave. Skokie, IL 60076. Larry will coordinate our various public relation efforts on all the various fronts on which we are now active.

We have achieved something of a breakthrough in terms of public relations: A few days ago, I wrote to Raymond Cheever, editor-publisher of the magazine *Accent on Living*, a quarterly publication edited in Bloomington, II and directed to a worldwide readership of the physically handicapped. Ray wrote back immediately, and asked me to submit a letter to the editor, briefly outlining the services which HAP provides. I've done as he asked, and the letter should appear in the winter edition, due to be published in Dec. 1976.

In addition to more than a dozen articles on topics of interest to the disabled in each issue, the magazine carries product evaluations, news of importance to the disabled, items about the progress of legislation relevant to it's readers and operates a computerized information retrieval system. It also has available a number of special publications covering selected topics in depth. All in all it is a valuable magazine, with a varied readership of disabled persons, providers of services, and professionals in the field of services to the disabled. It has great potential for reaching a much larger audience than we have been or would be able to contact using other methods.

HAP'S long awaited presentation to Harry Van Gelder took place on schedule without a hitch. Harry's last official act in behalf of HAP will be to assist HAP-Netherlands in getting it self organized and in working out a means through which HAP can receive the assistance of the Benelux DX Club in promoting HAP-Holland.

Our tape sales have reached a virtual standstill, and I'd like to take this opportunity to urge those who have not purchased tapes to do so. Sometime around the first of the year, we should begin making available a new series of tapes, this will consist of tapes on noise sources, and Utility station information.

HAP was mentioned recently on a DX program produced by the South Asia division of the Seventh Day Adventist Church, a program broadcast by the Sri-Lanka Broadcasting Company. We want to thank Mr. A.M. Peterson, of Poona, India for his cooperation in this matter.

We have recently inducted HAP-97, a man in California who is returning to the hobby after a considerable time away from it.

Our public relations efforts have not yet had time to pay off, but Larry Cotariu, through his contacts in the ham radio aspect of our hobby, has been able to put us in touch with a number of potential HAPIES, including the occupational therapy department of a Los Angeles area hospital.

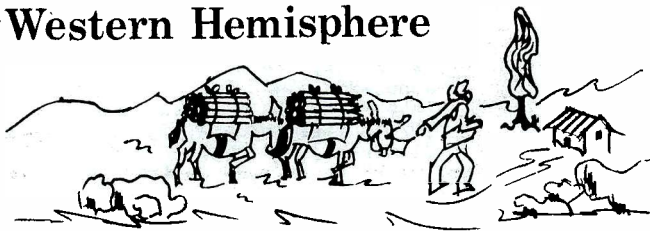
HAP would like to call for volunteers who would be willing to appear before selected local organizations and speak about the services HAP offers. Larry Cotariu is at work on the outline of a short talk which may be used in part or in full as the basis of a speech before any kind of audience, service club, religious group, handicapped organization, or whatever.

Larry is also scheduled to attend a conference sponsored by a group of Chicago area neighborhood news papers for the purpose of learning how HAP can put it's story across more effectively.

SWBC DX - Western Hemisphere

— EDITOR —

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



THIS AND THAT

For all who asked I will report that my business trip to Mexico City was successful and, despite the revenge of Moctezuma, I enjoyed the trip as I always do. I'd like to report on the shortwave activity there but, I'm afraid I can't despite the fact I had my Grundig portable along. The Maria Isabel Sheraton hotel sits in the middle of a circle formed by seven A.M. antennae and my travel worn radio gave excellent reception of those seven on all bands. What an RF wasteland.

The game of musical frequencies continues in Colombia where the latest tally shows three stations now displaying new 60 m.b. frequencies. First it was Ecos del Combeima, ex-4785 khz, moving up to 4785v khz followed by Radio Guatapurí's 100 khz drop to 4815 khz. The latest to pop up is Brisas del Citará, ex-5030 khz, which is the unidentified station being reported by many on its new frequency of 4895 khz.

Down Rio way, the BBCMS reports that, according to Radio Nacional de Brasília, Radio do Educação Rural de Santarém, Radio São Francisco, Radio Clube de Marília and Radio Televisão Gaúcha have all received 10-year extensions of their licenses. This same announcement indicated that Radio Cidade Canco had been authorized to establish a tropical band radio station in Mandaguassu, Pirana State.

It can now be said with certainty that the first transmitter to come on-line at the BBC Caribbean relay base on Antigua began regular operations on October 1. Thanks to Roger Legge and Alan Thompson via Numero Uno for the following schedule: 6175 khz: Antigua replaces Sackville at 0430 and carries the World Service (WS) to WCNA till 0730. 6195 khz: Carries WS to Caribbean 1100-1330 and 2000-2115. (Note that UK xmtr carries WS here till 2000 when it switches to GG) 9765khz: Carries PP to Brazil 2200-0015, SS to Latin America (LA) 0015-0415. Alan Thompson also relayed the frequency plans for Montserrat that will presumably be used once that site is activated. This schedule includes the use of 6040 khz for SS to LA 0215-0415, 9600 khz for WS 2000-2115 and 11790 khz also WS 1100-1330.

According to information supplied by Al Brooks and Mark Scannell, Deutsche Welle will join the BBC via Antigua in November. Projected schedule is as follows: SS to LA; 0230-0350 on 11765, 1100-1130 on 9735 and 2300-0030 on 9590 khz. PP to LA; 0030-0105 and 2130-2300 on 9590 khz and 1000-1035 on 6145 khz. GG to LA; 0600-0950 on 6100 khz and 1200-1220 on 15185 khz. GG to North America; 0400-0520 on 9545 khz and 1330-1350 on 9605 khz. EE to NA; 0130-0150 on 6040 khz, 0530-0550 on 6065 khz and a new EE release to NA 1330-1350 on 9605 khz. Contrary to previous reports there will be no tests tho some interruptions in the transmissions can be expected as they work out the bugs.

Boston area SPEEDX members are invited to join the BAD Guys for an afternoon of tip swapping, yarn spinning and general chatter on Sunday the 14th of November at the home of Mark Scannell in suburban Norwood, MA. The address is 20 Ridgewood Drive and festivities begin at thirty minutes past noon. All are welcome, regardless of race, color, creed, age, sex, and DX experience. See y'all there!!

Well, its time to get into the pile of loggings with the usual reminder that all times are GMT, all dates are in the month/day format, and reception conditions are reported using the SIO code. You will find a list of the commonly used abbreviations in your New Member's Packet should you run across one you can't decipher. And, now, away we go

ANTIGUA

- 6175 *0430 BBC:w/ relay ID, into WS (554 10/1 Sparks-CA)(444 0500 10/4 Brookline-CA)(??? 0509 9/26 Hauser-TN)
 6195 2005 BBC:w/ EE nx, "24 Hours" (443 9/22 Zimarowski-MA)(454 *1100 9/26 Jones-MS)(444 2000 10/9 Fischer-PA)(--4 1254 9/25 Hauser-TN)(444 *1059 10/11 Breeden-MS)(222 1955 9/27 Kukan-NJ)(544 2100 10/5 Butterfield-MA)(333 2000 9/23 Wirrell-MA)(433 1100 9/23 Zilmer-WI)(444 1957 9/25 Brooks-CT)
 9765 2321 BBC:w/ PP to LA, qRM de Iran (434 10/7 Bodell-OR)

ARGENTINA

- 6060 0820 LRA31 R. Nac.:w/ mx, SS ID, wx rpt, GG mx (212 9/25 Vilar6-PR)
 9690 0600 LRA32 R.A.E.:w/ IS, EE ID, tlk (333 9/7 Tsukamoto-JAPAN)(Freed-QUE)(Smith-FL)(Earhart-PA)(Shaw-PA)(Willis-PA)(Redman-IL)
 11710 2345 LRA35 R.A.E.:w/ Argentine mx, EE tlk (433 10/11 Lutkowski-BC)(Yajko-PA)(Pecenka-IN)(Wirrell-MA)(Yajko-PA)(Somers-CA)(Redman-IL)(Earhart-PA)(Arnold-CA)(Willis-PA)(Bryan-CA)

BOLIVIA

- 4668 0221 CP89 LV de Yacuma:w/ Bolivian mx, SS anmts, ID @ 0303 into 0305* (322 9/12 Young-CA) A goodie!!!!
 4875 0215 CP75 La Cruz del Sur:w/ relay BBC SS nx, into s/off in EE and SS to 0230* (533 10/3 Watts-IN)(322 0231 9/21 Bryan-CA)(333 2335 9/21 Zimarowski-MA) Note time here, a good time to look for Bolivians is right after your local sunset as well as later.
 5045 0800 CP38 R. Altiplano:w/ SS LA mx, ads (222 9/21 Brookwell-CA)

BRAZIL

- 3325 2340 ZYL26 R. Gazeta:w/ Brazilian mx, ID, ads (222 9/26 baumgartner-ONT)
 3385 2348 ZYX?? R. Educ. Rural:w/ TENTATIVE logging of nx, into EE mx like "Mack the Knife", fqy, anmts @ 0000* (222 9/22 Miklejewski-MN)
 4755 0315 ZYF23 R. Dif do Maranhão:w/ PP ID, anmts, Brazilian mx (333 9/22 Scannell-MA)(323 2240 9/19 Baumgartner-ONT)(433 10/3 Redman-IL)
 4785 0215 ZYM8 R. Ribamar:w/ Brazilian mx, ID (333 9/24 Scannell-MA)
 4807 0056 ZYS8 R. Dif. do Amazonas:w/ vocal mx, nx, ID as "Aqui R. Dif do Amazonas... en 4805 khz" (222 9/15 Baumgartner-ONT)(Sparks-CA)(Jones-MS)(Vilar6-PR)(Zilmer-WI)(Earhart-PA)(Whitehead-MA)
 4855 0255 PRC5 R. Cl. do Pará:w/ inst ID, jingles (343 9/16 Earhart-PA)(343 0320 9/27 Fischer-PA)(433 0300 9/24 Redman-IL)
 4895 0420 PRF6 R. Baré:w/ contemporary Brazilian mx, ID/TCs, few ads, to 0506* (333 9/25 Baumgartner-ONT) Sure this isn't HJUT?????
 4905 0845 ZYD71 R. Relógio:w/ tlk, pips each min. (232 9/9 Tannenwald-NY)
 4916 0235 ZYE2 R. Dif Macapá:w/ PP versions of U.S. pops, singing DJ, echo ID (333 9/18 Baumgartner-ONT)(??? 0259 9/25 Hauser-TN)
 4985 0220 ZYF208 R. Brasil Central:w/ Brazilian mx, ad strings, ID as "Onda Nacional de Brasil" (333 9/21 Redman-IL)(222 0730 9/16 Brookwell-CA)(333 2225 9/26 Yajko-PA)(443 2237 9/27 Scannell MA)(--2 0207 9/24 Cleveland-CA)
 5015 0900 ZYX24 R. Cultura de Guaíba:w/ tlk, mx, ads (342 9/13 Zilmer-WI)
 6085 0048 ZYB87 R. Jornal do Comércio:w/ PP ID, mx(332 9/23 Miklejewski-MN)
 6135 0815 PRC21 R. TV Gaúcha:w/ IDs, Braz. mx, millions of ads (433 9/28 Junqua-JAPAN)(353 0940 10/3 Sparks-CA)(433 0955 9/13 Zilmer)
 6155 0813 ZYN30 R. Cultura da Bahia:w/ clear ID, mx, OM DJ (433 10/11 Gross-VA)(322 2305 9/26 Redman-IL)(422 0000 9/28 Zilmer-WI)
 6165 2300 ZYE419 R. Cultura, S.P.:w/ semi class mx (422 9/20 Zilmer-WI)
 6175 0400 ZYV74 R. Guarani:w/ PP nx, s/off anmt, NA @ 0408* (333 9/14 Brooks-CT)(332 2200 9/30 Zilmer-WI)
 6185 0945 ZYR77 R. Bandeirantes:w/ tlk, mx // 9645 (332 9/10 Zilmer-WI)
 9595 0115 ZYN29 R. Cultura da Bahia:w/ fast tlk, ID(333 10/10 Redman-IL)
 9635 0122 ZYE 236 R. Aparecida:w/ mx, ads, ID (323 9/21 Miklejewski-MN)
 9645 0923 ZYR78 R. Bandeirantes:w/ Braz. mx, tlk, ads (333 9/29 Junqua-JJ)
 9675 0805 ZYT29 R. Diário da Manhã:w/ mx, tlk, ads (333 9/28 Junqua-JAPAN)(333 9/22 w/ nx, tlk, jingles, ads 2230 Zilmer-WI)
 9745 2300 ZYE419 R. Cultura S.P.:w/ march mx, ID (322 9/20 Zilmer-WI)
 11780 *2100 PRL8 R. Nacional de Brasília:w/ EE nx, "Brazilian Panorama" pgm qRM de BBC co-channel (333 9/23 Pecenka-IN)
 11805 0015 ZYZ65 R. Globo:w/ tlk, intermittent mx, IDs (343 9/6 Bryan-CA)(554 0010 9/25 Watts-IN)(433 2230 10/9 Redman-IL)(343 0030 9/27 Yajko-PA)(333 0052 9/20 Miklejewski-MN)

BRAZIL (cont.)

11867 0030 ZYB85 R. Cl. Pernambuco:w/ armts w/ echo effect, ads, pop mx pgm
(232 9/28 Hall-CA)(434 2318 9/26 Yajko-PA)
11915 0026 PRC23 R. TV Gaúcha:w/nice Brazilian mx, "Gaúcha presenta..." anmt
ads (233 9/20 Miklejewski-MN)(322 2325 9/20 Zilmer-WI)
11925 0228 ZYR78 R. Bandeirantes:w/ mx, IDs, PP ads (253 9/7 Watts-IN)(433
2325 9/18 Redman-IL)(333 2215 9/25 Earhart-PA)
11935 2335 ZYS35 R. Cl. Paranaense:w/ ads, rooster crow, s/off & ID @ 2335
giving // fqys as 1440 & 6045 (222 10/4 Brookwell-CA)
15145 2155 ZYB87 R. Jornal do Comércio:w/ spts event (232 10/3 Breeden-MS)
(343 2125 10/3 Fischer-PA)

CANADA

5960 1200 CBC NS:w/ EE nxcst (343 10/2 Lull-MI)(--3 0156 10/7 Cleveland-CA)
(354 0205 9/30 Pecenska-IN)
5970 1145 RCI:w/ EE ID, nx (333 9/16 Shaw-PA)(444 1215* 10/2 Lull-MI)
6005 0145 CFGX:w/ "Canada Cup Hockey" match (312 9/14 Bodell-OR)(322 2345
9/12 Redman-IL)(444 1303 9/26 Famularo-NJ)(222 9/13 Freed-QUE)
6070 1654 CPRX:w/ MOR mx (333 9/10 Freed-QUE)(454 2303 9/28 Lull-MI)(443
0040 9/27 Redman-IL)(333 0025 9/29 Miklejewski-MN)(Fischer-PA)
6085 0100 RCI:w/EE "Sunday Magazine" (444 9/13 Freed-QUE)(555 9/27 Lull-MI)
6140 0620 RCI:w/EE nx, spts, wx, into PF 0640 (444 9/13 Miller-CA)
6160 1000 CKZN:w/EE wx, nxcst (342 10/6 Jones-MS)(534 0931 9/17 Young-CA)
(322 100 9/27 Zilmer-WI) Not bad reception for CA!! HI!!
6175 2320 BBC via Sackville:w/ EE listener's letters, anmt of 0430 switch
to Antigua (544 10/9 Gross-VA)(444 2315 9/26 Redman-IL)
9510 2258 BBC via Sackville:w/ IS, fgy, World Svc. (544 9/19 Miller-CA)
9625 1830 CBC NS:w/"The Entertainers" (333 9/5 Garner-ONT)(343 1200 10/2
Lull-MI)(444 1120 8/16 Shaw-PA)(544 1335 9/26 Famularo-NJ)(444
2305 9/19 Miller-CA)(343 1931 9/5 Bryan-CA)(454 9/24 White-FL)
9650 0100 RCI:w/EE magazine pgm // 11940 & 6085 (555 9/15 Lordo-SC)(444
0100 9/27 Lull-MI)(555 0130 10/11 Dutkowski-BC)
9655 1215* RCI:w/EE nx headlines & off (454 10/2 Lull-MI)
10100 1255 CFRB:w/ tlk // 6070, is 10x 1010 harmonic (--1 10/10 Hauser-TN)
11855 *2100 RCI:w/ nx, spts (343 9/26 Cawthorne-U.n.)(433 2134 9/25 Dean-OH)
11940 *0100 RCI:w/ EE nx, tlk, features (454 9/27 Lull-MI)
15325 *1800 RCI:w/ EE xmsn to Africa, nx, spts, etc.(454 10/5 Cawthorne-U.K.)
17830 1845 RCI:w/ EE ID, nx, cmntry // 17820 (252 10/7 Trautschold-WI)

CHILE

9565 2350 CE956 R. Nac. de Chile:w/ nx & cmntry by OM (433 9/21 Redman-IL)
(433 0112 9/2 Garner-ONT)(322 0225 10/8 Cohen-NJ)(Bryan-CA)
9590 0015 CE959 R. Presidente Balmaceda:w/ old pops (433 10/4 Redman-IL)
9750 *0130 CE975 R. Minería:w/ ID, calls, fqys, followed by request for
reports in SS, EE, FF & GG. (443 10/6 Jones-MS)
15150 0135 CE1515 R. Nac. de Chile:w/ SS OM & YL IDs, nx (233 9/20 Arnold-CA)
(443 0113 w/ EE "Voice of Chile" pgm 9/27 Somers-CA)(333 1255
9/28 Earhart-PA)

COLOMBIA

4755 0535 HJKC Emisora Nuevo Mundo:w/ tango mx, SS CARACOL net promos (433
9/22 Redman-IL)(333 0245 9/23 Earhart-PA)
4765 0515 HJDY R. Catatumbo:w/ SS nx, moment of meditation (554 9/18 Watts-
IN) Believe this is C.R.E. Greg!
4817v 0450 HJSG R. Guatapurí:w/ LA mx, IDs, ads (333 9/22 Zimarowski-MA)
(544 0440 9/14 Watts-IN)(111 0250 9/25 Vilaró-PR)(333 0225
9/18 Baumgartner-ONT)
4875 0640 HJLW Ecos del Combeima:w/ pop mx, many IDs (333 10/11 Hammer-OH)
(Breeden-MS)(Whitehead-MA)(Sparks-CA)(Jones-MS)
4885 0220 HJIG Ondas del Meta:w/ Cuban mx, "Ondas del Meta Musical" pgm(433
10/3 Redman-IL)(222 0500 9/10 Brookwell-CA)(433 10/8 Gross-VA)
4895 0232 HJOT Brisas del Citará:w/ ID, LA mx, mention of Quibdó, Choco
(323 9/30 Jones-MS)(322 1030 10/11 Breeden-MS)(333 0405 10/11
Bodell-MA)(343 0130 10/2 Whitehead-MA)
4925 0010 HJJU Emisora Meridiano 70:w/ LA Ballads, TODELAR promos, "Esta
es Emisora Meridiano Setenta" IDs (333 9/22 Baumgartner-ONT)
4945 0537 HJDH R. Colosal:w/ TC, ID, anmt "La música de R. Colosal es
enorme" (343 9/18 Breeden-MS)(Orr-CO)(Redman-IL)(Trautschold-
WI)(Coleman-NC)(Freed-QUE)(Cleveland-CA)(Yajko-PA)
4955 0105 HJQR R. Nacional:w/ SS Opera mx (333 9/27 Yajko-PA) You sure this
R. Nacional? Not reported in some time active here.

COLOMBIA (cont.)

- 4965 0220 HJAE R. Santa Fé:w/ LA mx, IDs after each song (433 9/17 Coleman-NC)(333 1014 10/2 Yajko-PA)
- 5020 0050 HJCP Ecos del Atrato:w/ Colombian mx, ID (433 9/26 Rogers-ME)(333 0230 10/8 Redman-IL)(222 0300 9/24 Scannell-MA)(Earhart-PA)
- 5040 0815 HJDE R. Cinco:w/ ID as "R. Cinco Continental", TCs, mx nx, pgm "Una Voz en el Camino" (333 9/14 Vilar6-PR)(222 0540 9/23 Hammer-OH)(222 0800 9/21 Brookwell-CA)(333 9/21 Zimarowski-MA)
- 5075 0240 HJGC R. Sutatenza:w/ pop LA mx, IDs (333 10/6 Arneson-MO)(Kukan-NJ)(Redman-IL)(Coleman-NC)(Trautschold-WI)(Cleveland-CA)(Shaw-PA)(Scannell-MA)(Yajko-PA)(Earhart-PA)(Bryan-CA)
- 5095 2335 HJGG R. Sutatenza:w/ modern pops, OM DJ (443 9/16 Earhart-PA)(444 0105 9/17 Coleman-NC)(--2 0115 9/24 Cleveland-CA)
- 6065 1042 HJAX R. Super:w/ SS nxcst, ads (433 10/2 Yajko-PA)(9/27 Redman-IL)
- 6075 0915 HJID R. Sutatenza:w/ SS mx, tlk (444 9/10 Freed-QUE)
- 6115 0200 HJIE LV del Llanow/ "Cigarillos Imperial" ad, promos, llanos mx pgm (222 9/23 Miklejewski-MN)
- 6120 0630 HJ?? R. Super de Cali:w/ Colombian mx, IDs (333 9/27 Redman-IL)
- 6150 0515 HJJT LV del Huila:w/ mx pgm, many IDs (222 9/28 Hall-CA)(322 0150 w/ strange but nice LA mx, ads, gone by 0200 9/23 Miklejewski)
- 6170 0925 HJJB LV de la Selva:w/ pop songs, ID, ads (353 10/9 Sparks-CA) (211 1050 w/ ID, TC, mx, flutter fading Vilar6-PR)
- 6190 0540 HJ?? LV de los Centauros:w/ pop mx, TC, ID (333 10/1 Sparks-CA) (322 0530 10/6 Redman-IL)(434 0500 9/28 Hall-CA)
- 9680v 0941 HJZK R. Nacional:w/ mx, tlk, ID w/ fqy, GMT TC (444 9/20 White-FL) (343 1145 10/2 Pecena-IN)(444 1130 10/2 Yajko-PA)
- 11845 0345 HJZO R. Nacional:w/ tlk & mx, several IDs (333 9/26 Shaw-PA, are you sure this fqy?)
- 12230 1258 HJKJ Emisora Nueva Granada:w/ ending "El Mundo de la Política" pgm from RCN ancd as also Fri. @ 9:30 p.m.; chimes, usual ID "En su radio, Nueva Granada, desde Bogotá, RCN, la radio de Colombia", whang; then promo race coverage. Is 2x harmonic of 6160 (--3 10/10 Hauser-TN)

COSTA RICA

- 4832 0100 TIHB Emisoras R. Reloj:w/ OM ID, into mx, nx (343 10/6 Trautschold-WI)(Fischer-PA)(Baumgartner-ONT)(Pecena-IN)(Shaw-PA)(Scannell-MA)(Bryan-CA)(Yajko-PA)
- 5954 0550 TIQ R. Casino:w/ EE MOR mx, ID @ 0559* (333 9/11 Baumgartner-ONT) (Believe Jones rept of "Monumental" ID due relay of TIMAR "R. Monumental" after s/off. Noted doing so 0602* Smith-AL) Possible splatter onto studio-xmtr link as with HRVC??? ejw (322 1115 9/20 Zilmer-WI)(233 0545 9/24 Breeden-MS)
- 6006 1045 TIHB Emisoras R. Reloj:w/ SS tlk on child health (323 9/28 Perry-QUE)(111 0826 9/28 Junqua-JAPAN)
- 9645 0309 TIFC Faro del Caribe:w/ "Guidelines" pgm in EE (243 9/11 Baumgartner-ONT)(343 1140 w/ rural svc. pgm, ID, TC, into rel. pgm "CRUZADA" w/ Luis Palao 10/4 Miklejewski-MN)
- 12112 2310 TIHB Emisoras R. Reloj:w/ LA mx, ads, ID. Is 2x harmonic of 6006 (332 10/2 Rogers-ME)

CUBA

- 5310 0944 R. Rebelde:w/ 9x harmonic of 590 here somewhat distorted w/ tlk abt agriculture. // 590 (251 9/23 Hauser-TN)
- 9770 0505 RHC:w/ SS long winded tlk, ID (343 9/12 Earhart-PA)
- 11720 0115 RHC:w/ EE world nx (555 9/11 Somers-CA)
- 11725 0330 RHC:w/ EE nx cmtry on Chile (554 9/11 Miller-CA)(333 Freed-QUE)
- 11760 0130 RHC:w/ EE "From the Land of Mx" (454 10/10 Arnold-CA)(Bryan-CA)
- 11865 1759 RHC:w/ SS YL ID, into tlk & mx pgm (343 10/5 Trautschold-WI)
- 11870 2118 RHC:w/ EE cmtry, tlk (323 9/22 Kukan-NJ)
- 11930 0100 RHC:w/ EE nx // 11725 (444 10/2 Lordo-SC)(544 10/11 Dutkowski-BC)
- 11970 0210 RHC:w/ SS intl. mx, nxcst of world nx (444 10/12 Cohen-NJ)
- 15430 2312 RHC:w/ PP tlk, ID (354 9/25 Watts-IN)
- 17750 1824 RHC:w/ SS LA mx (444 10/3 Pecena-IN)(544 2130 9/25 Watts-IN)
- 17885 2032 RHC:w/ EE tlk on Latin America, sugar production, contest anmt, ID, fqy, mx (444 9/27 Pamularo-NJ)(444 2126 9/27 Yajko-PA)

DOMINICAN REPUBLIC

- 3155a 1130 HI?? LV de la Española:w/ SS ID as noted mentioning Santiago, mx "Noti-Tiempo" pgm (333 9/16 Vilar6-PR) Narcisco, quisás sea la tercer harmónico de 1050, HICB La Voz de la Hispanola que esta situado en Santiago.

DOMINICAN REPUBLIC (cont.)

- 4781 0349 HIAQ R. Norte:w/ LA mx till s/off w/ ID (434 10/4 Watts-IN)
 4825 0345 HIFA LV de las Fuerzas Armadas:w/ lt. concert & pop mx, full ID & taps @ 0400* (343 10/11 Sparks-CA)(444 0300 10/4 Watts-IN) (433 0320 10/8 Redman-IL)(111 2300 9/24 Vilaro-PR)(Jones-MS)
 4881 0147 HIJP R. Comercial:w/ LA mx, ID (434 9/25 Yajko-PA) Awful early!!
 9595 1520 HISD R. TV Dominicana:w/ SS tlc abt Dominican-Argentinian relations (443 10/9 Cohen-NJ)(--2 0450 10/6 Cleveland-CA)(433 0123 9/6 Bryan-CA)
 11700 1750 HILR R. Clarín:w/ West Indies mx, detergent ad, plug for "Clarín Informativo" nx (243 9/25 Miklejewski-MN)(333 2010 10/3 Breeden-MS)(433 1825 10/10 Cohen-NJ)(222 2105 10/3 Fischer-PA)(333 1939 10/5 Trautschold-WI)(353 2228 9/25 Earhart-PA)

ECUADOR

- 3260 0314 HCOS4 LV del Rio Carrizal:w/ "música nacional", ID as "Radio Carrizal", NA and off (343 9/14 Jones-MS)
 3280 1005 HCVN7 LV del Napo:w/ MOR LA mx (343 9/21 Estes-MS)(433 1050 w/ local messages in QC, cottonfield spiritual 10/8 Jones-MS)
 3380 0205 HCDY4 R. Iris:w/ spts coverage, RCN promos, into pop mx @ 0230. (433 9/27 Fischer-PA)(211 0200 9/11 Vilaro-PR)
 3390 1043 HCOT1 R. Zaracay:w/ Mejoral ad, ID, Andean mx (433 10/8 Jones-MS)
 3985 1030 HCER5 Escuelas Radiofónicas Populares:w/ ID as "Esc. Radiofónicas Populares ..en la banda tropical..." (323 10/7 Butterfield-MA)
 4680 0330 HCEW1 R. Nac. Espejo:w/ SS radionovela (433 10/3 Redman-IL)(222 0730 9/14 Vilaro-PR)(343 0230 9/23 Earhart-PA)
 4795 0440 HCAS4 LV de los Garas:w/ LA songs, ID (332 9/26 Rogers-ME)
 4825 1025 HCLV3 R. Luz y Vida:w/ ID, agricultural pgm (211 9/22 Vilaro-PR) (on 4830.5 333 0500 9/18 w/ Ecuadorian folk mx, ID Sparks-CA)
 4860 0437 HCGR5 R. Mundial:w/ Andean mx, mention of Quito, unable to get good ID so must stay TENTATIVE (222 9/26 Baumgartner-ONT)
 4870 0110 HCGM7 R. Rio Amazonas:w/ OM & YL tlc, rel. mx, TC/ID "Transmite R. Rio Amazonas" NA @ 0137* (222 9/17 Baumgartner-ONT)
 4892 0435 HCEB5 R. Centinela del Sur:w/ ID @ 0439, mx (333 9/23 Crable-ID)
 4910 0505 HCMJ1 Emisoras Gran Colombia:w/ IDs, ads, LA mx (333 9/29 Zimarowski-MA)(444 0335 9/26 Fischer-PA)
 4923 0300 HCRQ1 R. Quito:w/ ID, nxcst (333 9/21 Shaw-PA)(433 0450 10/8 Cohen-NJ)(222 0211 10/6 Trautschold-WI)(444 0343 9/26 Fischer-PA)(222 0045 9/24 Tannenwald-NY)(353 0430 10/9 Sparks-CA)(353 0436 9/25 Earhart-PA)
 5025 1047 HCEV5 R. Splendit:w/Andean mx, IDs (333 9/18 Miklejewski-MN)
 5060 0159 HCEH3 R. Nac. Progreso:w/ LA mx, CW QRM, ID (--1 9/24 Cleveland-CA)(332 0245 9/11 TENTATIVE Earhart-PA)
 5095 0400 HCJB:w/"Music in the Night" (554 10/10 Arnold-CA)(455 0230 9/25 Lull-MI)(444 0300 9/19 Willis-PA)(544 0435 9/13 Miller-CA) (344 0230 9/30 Pecenka-IN)(444 0230 9/28 Thompson-NM)
 9560 0230 HCJB:w/"DX Party Line" (544 9/16 Orr-CO)(555 0625 9/15 Smith-FL) (555 0230 9/25 Lull-MI)(544 0224 9/2 Garner-ONT)(443 0230 9/11 Famularo-NJ)(555 0045 9/14 Miller-CA)(444 0230 10/6 Arneson-MO)
 9715 1130 HCJB:w/ JJ "Window to Tomorrow" (333 9/13 Araki-JAPAN)(444 1135 10/1 Kukan-NJ)
 11745 1220 HCJB:w/ EE "here How" (454 10/2 Pecenka-IN)
 11845 2000 HCJB:w/ EE "DX Party Line" to Europe (444 9/25 Lull-MI)
 11915 0040 HCJB:w/ EE "Saludos Amigos" (454 9/17 Smith-FL)(454 0230 9/25 Lull-MI)(444 0216 10/4 Kukan-NJ)(333 0036 9/6 Fischer-CA)
 15115 1319 HCJB:w/ EE "Morning in the Mountains" (444 9/1 Garner-ONT)(444 1305 8/16 Shaw-PA)
 15300 2000 HCJB:w/ EE "DX Party Line" (343 9/27 Lull-MI)(333 2003 9/18 Kukan-NJ)(355 // 11845 433 2001 9/18 Watts-IN)
 15375 0005 HCJB:w/ GG rel. pgm to Europe (353 9/9 Earhart-PA)
 17780 1750 HCJB:w/ EE rel. discussion to Europe (454 10/2 Lordo-SC)

FRENCH GUYANA

- 3385 0905 France Regions 3, Cayenne:w/ OM DJ spinning FF pops, TC, etc. (322 10/8 Gross-VA)(322 0900 9/13 Vilaro-PR)(444 0913 9/19 White-FL)

GALAPAGOS ISLANDS

- 4810 0230 HCVG8 LV de los Galápagos:w/ ID, sedate pgmning, quiet mx, poetry "LV de Galapagos opera desde la capital de la provincia, Puerto Baquerizo, en la isla de San Cristobal" (322 9/24 Vilaro-PR)

GALAPAGOS ISLANDS (cont.)

4810 0315 HCVG8 LV de los Galápagos:w/ LA mx, ID (333 9/21 Scannell-MA)
 (444 0340 9/22 Thompson-NM)(222 1210 10/1 Junqua-JAPAN)(232
 0128 10/7 Breeden-MS)(434 0230 9/13 Redman-IL)(444 0300 10/3
 Watts-IN)(342 1222 9/25 Jones-MS)(333 0305 10/4 Kukan-NJ)(333
 0305 9/18 Brookwell-CA)(323 0350 9/30 Hammer-OH)(333 0330 9/
 21 Rogers-ME)(353 0327 9/5 Pecenka-IN) This once was DX????

GRENADA

15105 2027 R. Grenada:w/ Calypso mx, EE ID, tlk (343 9/8 Cawthorne-U.K.)
 (343 2130 w/ pop mx, birthday wishes, OM DJ 10/9 Fischer-PA)

GUATEMALA

2040 0403* TGRX R. Miramundo, LV del Ejercito de Guatemala:w/ sermonic tlk,
 hymn 0324 merging into wowy romantic mx, 0400* msg mentioned
 Assoc. de Locutores de Guatemala, gave unreadable MW fqy &
 SW fqy as 6160 (--3 9/22 Hauser-TN)

2390 0145 TGDS LV de Atitlán:SS w/ MOR LA mx pgm (343 9/21 Thompson-NM)
 (344 1110 9/23 Estes-MS)

3300 0245 TGNC R. Cultural:w/ SS rel. pgmning, mx, anmts (222 9/22 Scannell-
 MA)(Watts-IN)(Redman-IL)(Thompson-NM)(Zilmer-WI)(Bryan-CA)

3325 1130 TGBA R. Maya:w/ nice mx, TC, ID (433 9/29 Breeden-MS)(333 1026
 9/18 Miklejewski-MN)(443 1129 10/6 Jones-MS)

3360 1133 TGVN LV de Nahualá:w/ LA pop mx pgm (443 10/6 Jones-MS)(332 1117
 9/27 Miklejewski-MN)

4825 0200 TGMN R. Mam:w/ YL & OM tlk, marimba mx (322 10/8 Redman-IL)

4835 1115 TGTZ R. Tesulutlán:w/ ID, marimba mx (322 9/21 Shaw-PA)

HAITI

9770 1710 4VEH R. 4VEH:w/ "Billy Graham Hour"(342 10/10 Fischer-PA)(433
 1330 9/25 Lordo-SC)(444 1140 9/26 Shaw-PA)

11835 2330 4VEJ R. 4VEH:w/ Cl mx, ID @ s/off (444 9/7 Bryan-CA)(433 1214
 10/2 Yajko-PA)(322 1150 10/1 Kukan-NJ)(333 1159 9/20 Breeden-
 MS)(242 1107 10/2 Pecenka-IN)(333 2328 9/23 Wirrell-MA)

HONDURAS

4820 0420 HRVC LV Evangélica:w/ EE tlk, cl mx (332 10/8 Gross-VA)(Fischer-
 PA)(Miklejewski-MN)(Crable-ID)(Tannenwald-NY)(Shaw-PA)(Watts-
 IN)(Bryan-CA)(Pecenka-IN)

4920 0213 HRPL3 R. Progreso:w/ ads, TC, ID, mx (322 10/2 Breeden-MS)(--2
 0414 9/24 Cleveland-CA)

6125 0535 HRQ R. Suyapa:w/ SS ads, mx, usual IDs as "la Cariñosa" (524 9/11
 Watts-IN)

MARTINIQUE

3315 0205 France Regions 3, Fort de France:w/ FF DJ pgm w/ FF & EE pop mx
 (232 10/2 Breeden-MS)

MEXICO

6105 1100 XEQM Su Pantera:w/ all American swing & jazz mx to 2315, then
 into Mexican mx (333 10/6 Zilmer-WI)(333 1149 9/29 Breeden-MS)
 (444 1244 9/25 Jones-MS)

6115 1620 XEUDS R. Univ. de Sonora:w/ cl mx, nx of day's activities at Univ.
 (444 10/5 Brookwell-CA)(444 0130 9/20 Crable-ID)(454 0230
 10/8 Thompson-NM)(--3 0150 9/24 Cleveland-CA)

6165 1140 XEWW LV de América Latina:w/ Mexican wake-up mx, ads (333 9/27
 Miklejewski-MN)(343 1259 10/10 Jones-MS)(332 1100 9/25 Zilmer)

9515 0500 XEWW LV de América Latina:w/ tropical mx (452 10/3 Watts-IN)

9705 0010 XERMX R. México:w/ Mexican mx pgm (222 10/10 Redman-IL)(444 0200
 9/20 Miklejewski-MN)(444 1320 9/25 Jones-MS)

15385 2230 XERMX R. México:w/ Mexican mx, ID (433 9/5 Bryan-CA)(444 0130
 9/14 Shaw-PA)(333 2340 9/14 Miller-CA)(434 2232 9/28 Yajko-PA)
 (353 2358 9/28 Earhart-PA)(332 2045 9/22 Cawthorne-u.K.)

PARAGUAY

6025 0350 ZPA1 R. Nacional:w/ soccer match, later cl mx, QRM hvy (322
 10/11 Bodell-OR) Is TENTATIVE reception!!

PERU

4790 0410 OAX8F R. Atlántida:w/ Andean mx, ID (343 9/26 Fischer-PA)(Jones-
 MS)(Redman-IL)(Rogers-ME)(Vilar6-PR)(Tannenwald-NY)

PERU (cont.)

- 4860 0745 OBZ4Z R. Chinchaycocha:w/ Andean mx, ID/TC (211 9/14 Vilar6-PR)
 4975 0418 OCX4H R. del Pacifico:w/ rel. mx, 0425*(222 10/3 Baumgartner-ONT)
 4995 0330 OAZ4C R. Andina:w/ QC anmts, YL & OM tlc (333 9/7 Bryan-CA)
 5040 0455 OCY4Y R. Libertad:w/ LA vocals, IDs, TCs (333 9/16 Zimarowski-MA)
 (333 0630 9/16 Butterfield-MA)??? 0740. 9/25 Vilar6-PR)
 5980 0506 OBX4M R. Panamericana:w/ U.S. & LA pop mx, Pepsi ad, clear ID
 (322 9/11 Baumgartner-ONT)(232 0659* 10/3 Breeden-MS)
 6045 1045 OCY4H R. Santa Rosa:w/ "La hora Musical" (342 10/3 Zilmer-WI)
 6082 1015 OAX4Z R. Nacional:w/ Peruvian mx (343 10/12 Jones-MS)(433 0645
 9/27 Redman-IL)(222 0800 9/25 Vilar6-PR)(332 1100 10/5 Zilmer)
 9505 1130 OAX4V R. America:w/ Andean mx, ID (332 9/26 Zilmer-WI)
 9615 1140 OAX4J R. La Cr6nica:w/ tlc & mx (242 10/3 Pecenka-IN)
 9675 1216 OAZ4L R. del Pacifico:w/ ranchera mx, YL/OM ID @ 1224 (333 9/11
 Naylor-CA)

URUGUAY

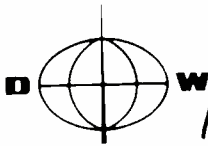
- 11835 0240 CXA19 R. El Espectador:w/ ads, ID, mx (232 9/23 Wirrell-MA)(322
 2315 10/4 Zimarowski-MA)(232 0002 9/6 Bryan-CA)(--2 0240 9/24
 Cleveland-CA)

VENEZUELA

- 3215 2300 YVZV Ondas Panamericanas:w/ ID, LA mx, ads w/ frequent mention
 of El Vigia (111 9/9 Vilar6-PR)
 3225 3200 YVTC R. Occidente:w/ ID, pop mx, frequent mention of 15th anniv.
 of R. Occidente (111 9/9 Vilar6-PR)
 3245 1023 YVKT R. Libertador:w/ SS mx, anmts, IDs (322 10/9 Kukan-NJ)(232
 0310 9/27 Fischer-PA)(323 004 9/27 Yajko-PA)
 3275 0300 YVMC R. Mara:w/ ID, pgm in AA 0300-0400 (???) 9/13 Vilar6-PR)(222
 0000 w/ SS mx, tlc, IDs 9/24 Tannenwald-NY)
 3295 1019 YVOG R. Trujillo:w/ fqys, ID, LA mx (222 10/8 Gross-VA)(333 1030
 10/2 Yajko-PA)
 3325 0050 YVRA R. Monagas:w/ LA mx (322 9/27 Yajko-PA)
 3385 0215 YVQI R. Barcelona:w/ IDs, ads, slow LA vocals, ID (333 9/27
 Fischer-PA)(111 0210 w/rebest PR boxing match 9/11 Vilaro-PR)
 3395 0135 YVOJ R. Universidad:w/ LA ballads, IDs, TCs (333 9/24 Redman-IL)
 (322 0052 9/27 Yajko-PA)(222 0130 9/11 Tannenwald-NY)
 4760 0259* YVPP R. Frontera:w/ ID, calls, fqys, NA (232 9/25 Jones-MS)
 4770 2330 YVNW R. Bolivar:w/ ID, chimes, "R. Bolivar Noticias"(332 10/1
 Famularo-NJ)(Fischer-PA)(Breeden-MS)(Redman-IL)(Miklejewski-
 MN)(Tannenwald-NY)(Wirrell-MA)(Redman-IL)(Yajko-PA)
 4780 0224 YVLA LV de Carabobo:w/ LA mx (343 9/16 Jones-MS)(343 1015 w/ ads
 singing ID, TC, mx 10/4 Breeden-MS)
 4800 0137 YVMO R. Lara:w/ IDs, anmts, TCs (433 9/19 Scannell-MA)(Jones-MS)
 (Miklejewski-MN)(Breeden-MS)(Yajko-PA)(Cleveland-CA)(Barhart-
 PA)(Tannenwald-NY)
 4820 0624 YVWJ R. Tricolor:w/ LA vocals, IDs, ads (433 9/21 Zimarowski-MA)
 (322 1130 9/21 Shaw-PA)(333 0900 9/24 Tannenwald-NY)
 4828 *1015 YVOA R. Tachira:w/ ID, mx (312 9/22 Vilar6-PR)
 4840 0330 YVOI R. Valera:w/ SS DJ pgm, ads, ID (323 9/9 Brookwell-CA)
 4850 0413 YVKX R. Capital:w/ hard rock mx, 0416* (433 10/8 Gross-VA)
 4860 0355 YVQE R. Maracaibo:w/ mx, ID, 0400* (333 10/9 Cohen-NJ)(Brookwell-
 CA)(Fischer-PA)(Redman-IL)(Tannenwald-NY)
 4880 0235 YVMS R. Universo:w/ pop mx (444 9/17 Coleman-NC)(Famularo-NJ)
 (Redman-IL)(Jones-MS)(Miklejewski-MN)(Fischer-PA)(Scannell-MA)
 (Wirrell-MA)
 4890 0038 YVKB R. Dif. Venezuela:w/ ID, mx (322 10/7 Dean-OH)(Famularo-NJ)
 (Brookwell-CA)(Redman-IL)(Trautschold-WI)(Cleveland)(Pecenka)
 4900 0237 YVNK R. Juventud:w/ mx (332 9/6 Bryan-CA)(Brookwell-CA)(Redman-IL)
 (Dean-OH)(Coleman-NC)(Cleveland-CA)(Scannell-MA)(Fischer-PA)
 4940 0250 YVPA R. Yaracuy:w/ mx pgm (232 10/6 Trautschold-NY)(Tannenwald-
 NY)(Redman-IL)(Cohen-NJ)(Breeden-MS)(Wirrell-MA)(Scannell-MA)
 (Cleveland-CA)(Yajko-PA)(Jones-MS)(Fischer-PA)
 4960 1036 YVAO R. Sucre:w/ "Rumbos nx" (232 10/4 Breeden-MS)
 4970 0928 YVLK R. Rumbos:w/ tlc, mx (322 9/10 Freed-QUE)(433 0217 9/17
 Coleman-NC)(433 0200 10/3 Redman-IL)(433 0943 9/19 Naylor-CA)
 4980 0201 YVOC Ecos del Torbes:w/ ads, mx pgm (333 9/18 Kukan-NJ)(Redman-IL)
 (Jones-MS)(Scannell-MA)(Shaw-PA)(Yajko-PA)(Cleveland-CA)
 4990 2315 YVMQ R. Barquisimeto:w/ pop mx (222 10/9 Redman-IL)(Coleman-NC)
 (Fischer-PA)(Cleveland-CA)
 5040 1030 YVQA R. Maturin:w/ SS nxcst, ads, ID (343 10/9 Sparks-CA)(Hauser-
 TN)(Zilmer-WI)(Earhart-PA)

SWBC DX EUROPE

Editor:
WADE SMITH
59 Benoit Street
Westport, MA 02790



RADIO NEDERLAND
PO BOX 222
HILVERSUM
HOLLAND

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

ALBANIA

5960ntf 2159 R. Tirana: IS, ID, NA, GG pgm (444 9/29 Earhart-PA)
6200 0130 R.T.: EE comtry, nx, mx to 0157* (434 10/5 Famularo-NJ)
Pgms @ 0010 & 0230 among others (332 9/7 Bryan-CA)
10/7 Newell-BC) (10/3 Kukan-NJ) (9/29 Yajko-PA)
7065 0010 R.T.: EE nx, comtry (534 9/21 Watts-TN) (453 9/19
Fowler-ONT)
7120 *0300 R. Peking via R.T.: S/ON EE comtry--Mao Tse Tung
eulogies (444 9/20 Earhart-PA) (433 9/12 Famularo-NJ)
(QRM 9/10 Hauser-TN) (0330-0354* CC Lesson 555 9/2
Smith-FLA) (0102 Mao nx 443 9/11 Fowler-ONT)
7300 0140 R.T.: EE comtry on Spain (444 9/21 Redman-IL) (9/30
Rogen-CAN) (10/6 Smith-AL) (*0300 GG? nx & mx 544 10/6
Watts-IN)
9480 2200 R.T.: EE nx (322 9/26 Redman-IL)
9500 2145 R.T.: PP comtry & mx (444 10/3 Kaufman-NY) (*2230 PP
to LA, 544 10/3 Watts-IN) (2347 R.P. via R.T.: SS comtry
343 10/8 Dean-OH)
9780 0000 R.T.: EE nx, comtry (433 9/31 Zilmer-WI) (0330 R.P.
via R.T. 353 9/17 Watts-IN) (10/8 Redman-IL)

AUSTRIA

6155 0135 R. Austria (ORF): EE nx & "Report from Austria" to
s/off 0154* (332 10/1 Earhart-PA) (*0000 GG nx 544 10/1
Watts-IN) (0356 IS 211 QRM WYFR Newell-BC) probably s/off
after closing SS pgm-ed.
ORF
9770 0134 R.A. (ORF): EE nx (444 9/29 Yajko-PA)
15305 *1500 R.A. (ORF): GG IS, ID, nx & mx (343 10/4 Pecenka-IN)
15435 2150 R.A. (ORF): SS Tlks to 2156* (232 9/6 Bryan-CA)
17335 1818 R.A. (ORF): GG Tlks w/ cl mx (232 10/5 Trautschold-WI)

BELGIUM

9725 *0015 RTB/BRT 4: EE "Week That Was" & "Belgium Today" 0045*
(322 9/17 Bryan-CA) (332 9/9 Earhart-PA) (333 10/9 Rafe-
NY) (433 10/10 Redman-ILL) (423 9/30 Lordo-SC)

BULGARIA

7135 0430 R. Sofia: SS to Cuba-site: Plovdiv @ 500 kw (9/18
Hauser-TN)
9560 2200 R.S.: EE nx, comtry & mx (332 10/1 Zilmer-WI)
9700 *0000 R.S.: EE QRM DW (221 9/21 Earhart-PA) (333 9/27 Rogers-
CAN) (2030 GG 353 Cawthorne-ENG) (2145 EE 333 9/18 Smith-
FLA) (433 10/9 Redman-IL) (2230 EE 344 10/5 Vogel-PA)
(0417 EE 534 10/9 Watts-IN) -0000 & 0400 are to NA-ed
11695t 2140 Radio Couvier of Iran: AA or Farsi (343 9/13 Earhart-PA)
17825 2105 R.S.: EE, IS nx (232 9/6 Bryan-CA)

CZECHOSLOVAKIA

5930 0310 Radio Prague: EE "Topics of the Day" (444 9/9 Earhart-PA)
(533 10/1 Newell-BC) (0125 333 10/6 Vogel-PA)
7345 *0100 R.P.: EE to NA (333 9/29 Kukan-NJ) (333 10/10 Redman-IL)

CZECHOSLOVAKIA (cont'd)

7345 *0100 (0300 343 Smith-FLA) (333 9/15 Garner-ONT) (343 // 5930
9/20 Earhart-PA) (433 9/10 Crable-ID) (*0200 - 0300* EE
432 10/8 Arnold-CA) (2145 PP 232 10/3 Kaufman-NY)
9530 0310 RP:EE (444 9/9 Earhart-PA, Newell-BC)(1:50 343 10/7 Vogel)
9535 0125 R.P.: EE (10/6 Vogel-PA) I think it was 9530-ed.
9540 0131 R.P.: EE (433 9/6 Bryan-CA) (9129 Yajko-PA) (0310 333
9/19 Garner-ONT) (453 10/9 Willis-PA)
11990 1745 R.P.:EE (454 9/11 Fowler-ONT)(0040 SS 343 9/26 Watts-IN)

DENMARK

15165 *1600 Radio Denmark: EE ID Danish pgm (333 9/26 Shaw-PA)
(Brookwell-CA) (Bryan-CA)

FINLAND

15110 *1430 Radio Finland: EE nx, sports, "Finn DX" (433 9/14
Orr-CO) (Fowler-ONT) (Gardner-ONT) (Jones-MI) (Kummer-KY)
(Pecenka-IN) (Earhart-PA)
15265nf 1700 R.F.: relay of Domestic Serv. to ME & Eur. // 11755
(333 9/17 Enfield-ENG) "
15270nf 0700 R.F.: Swedish IS & ID (333 9/17 Enfield-ENG)


FRANCE

9585 0508 Radio France International: FF (543 10/5 Newell-BC)
15190 1650 RFI: FF (454 10/10 Fischer-PA)
15200 1705 RFI: EE "Paris Calling Africa" // 15210, 15300, 15360
-all excellent-(Hauser-TN) (Thompson-NM) (Orr-CO)
(Rogers-CAN) (Yajko-PA) (443 Kukan-NY) (Famularo-NJ)
(Smith-FLA)
15425 2130* RFI: FF ID, S/off NA (444 Bryan-CA)
15440 1230 RFI: FF (353 Earhart-PA) (444 Brooker-MI)
17780nf 1230 RFI: FF (Earhart-PA)
21580 1230 RFI: FF // 21620 (444 Gross-VA)

GERMANY, DEMOCRATIC REPUBLIC

6040 0045 Radio Berlin International: SS ID & Tlks (433 9/29
Yajko-PA)
7260 1658 RBI:IS *1700 ID (333 10/2 Junquer- JAPAN) (0540 PP ID
554 9/25 Watts-IN)
9730 0130 RBI: EE ID (322 9/15 Bryan-CA)
21540 1236 RBI: EE DX pgm (242 10/11 Gross-VA)

GERMANY, FEDERAL REPUBLIC

3980 0200 VOA, Munich: EE // 3990 Monrovia(322 10/7 Butterfield-MA)
3995 0400 Deutsche Welle: GG nx (423 9/18 Watts-IN)
6010 0130 DW: EE comtry IS, ID, nx also 6075, 6145, 6185, 9565
 (Thompson-NM)(Vogel-PA)(Yajko-PA)(Redman-IL)(Smith-AL)
(Willis-PA)(Kukan-NJ)(Cralle-ID)(Lull-MI)(Redman-IL)
6100 0530 DW: EE (333 10/6 Lull-MI)
6120 2015 DW: SS (343 10/9 Fischer-PA)
6130 *0400 DW: IS, GG, ID, nx, mx (443 9/26 Miller-CA)
9545 0540 DW: EE comtry, GG ID abrupt s/off (332 9/1 Smith-FLA)
9735 *0200 DW: IS, GG ID, nx (555 10/6 Smith-AL) (333 9/6 Bryan-CA)
(0400 343 10/5 Earhart-PA)
9765 2110 DW: EE (343 10/7 Vogel-PA)
11795 1500 DW: GG ID (333 9/19 Naylor-CA)
11905- 1945 DW: EE comtry (233 10/13 Kaufman-NY)
21600 1230 DW: EE "On the Scene" (343 10/11 Rafe-NY)

GREECE

5955 0540 VOA-Kavala: EE "Breakfast Show" (222 9/18 Brookwell-CA)
7215 *0400 Voice of Greece (EPT): IS Greek pgm (333 10/10 Bodell-OR)
7240 0325 VOA-Kavala: RR pgm (222 9/30 Brookwell-CA)
9760 0015 VOG (EPT): IS EE nx (333 10/10 Gross-VA) (Pecenka-IN)
(Earhart-PA) (Sann-NJ) (1915 Sapsford-ENG) (Bodell-OR)
(0215 433 Bryan-CA) (Greek 0135 Newell-BC) (Greek 0040
Shaw-PA)
11760nf 1515 VOG (EPT): EE to NA // 15345 & 17830 (444 2/10 Sapsford-
ENG) (15345, 333 10/2 Earhart-PA)
17830nf 1215 VOG (EPT): EE nx (444 2/10 Sapsford-ENG)
11858m 1745 VOA-Kavala (tent): Lang. (232 10/5 Trautschold-WI)

HUNGARY

5965 2130 R. Budapest: EE nx(444 10/9 Fischer-PA)(353 9/29 Earhart)
 6000 0312 R. Budapest: EE comtry (443 10/1 Jones-MI) (522 10/8
 Newell-BC)
 7120 0200 R. Budapest: EE nx, DX pgm (334 10/3 Kukan-NJ)
 7215 0200 R. Budapest: EE nx (333 9/8 Garner-ONT) (9/25 Yajko-PA)
 (*0300 544 10/7 Orr-CO) (555 9/26 Watts-IN) (454 9/27
 Smith-FLA)
 9580 0220 R. Budapest: EE DX pgm (5-3-3 9/30 Somers-CA)
 9833 0205 R. Budapest: EE nx (5-4-3 9/30 Somers-CA) (443 9/29
 Smith-FLA)
 15415 2130 R. Budapest: EE IS, ID, nx (232 9/6 Bryan-CA)

ITALY

6010 *0100 Radiotelevisione Italiana: EE nx to NA (535 10/1 Watts-
 IN) (433 9/24 Lordo-SC)
 9575 *0100 RAI: EE nx to NA (333 9/7 Bryan-CA) (433 10/10 Redman-IL)
 (544 10/4 Garner-ONT) (Pecenka-IN) (1554 IS, II nx
 Junqua-JAPAN)
 11800 1935 RAI: EE to EUR nx to 1955* (322 9/17 Ailmer-WI)
 (233 10/3 Kaufman-NY)
 17755 *1400 RAI: IS II nx to Canada (344 10/2 Famularo-NJ)
 21510 1545 RAI: II Sports (Strong 10/10 Hauser-TN)

LUXEMBOURG

6090 0000 R. Luxembourg: EE TC 1:00 a.m. ID Rock/pop mx (343
 Famularo-NJ) (Shaw-PA) (Yajko-PA) (Lardo-SC) (Rafe-NY)
 (Redman-IL)

MONACO

7105 0715 Trans World Radio: EE Rel. Talk (444 10/9 Gross-VA)
 -past my bedtime-ed.

MALTA

6100 *0130 Deutsche Welle: EE nx (544 10/6 Smith-AL) (344 10/6
 Lull-MI) (433 9/15 Willis-PA)
 6170nf 2045 R. Malta: "Malta Calling"---Saturdays only (333 9/25
 Sapsford-ENG)
 11865 0130 DW: EE (333 10/6 Lull-MI)

NETHERLANDS

9515 2220 R. Netherlands: EE comtry (454 10/9 Willis-PA)
 9715 2145 R.N.: EE Jazz mx (344 10/6 Vogel-PA)
 11730 *2130 R.N.: EE Eur. Service to 2250* (322 10/9 Arnold-CA)
 (444 10/7 Woltman-WI) (9128 Kukan-NJ) (9/30 Sann-NJ)
 (10/2 Pecenka-IN) (10/8 Thompson-NM) (9/29 Famularo-NJ)
 11950 2130 R.N.: SS "Estacion de la Alegria" (Happy Station)
 (454 10/3 Fischer-PA)
 15120 1515 R.N.: EE nx (333 9/17 Zilmer-WI) **RADIO NEDERLAND**
 15220 1706 R.N.: DD nx (343 9/6 Bryan-CA) **P.O. BOX 222, HILVERSUM**
(THE NETHERLANDS)

NORWAY

9645 2300 R. Norway: NN w/ EE ID (333 10/2 Kukan-NJ)
 11860 *1800 R.Nor.: EE ID (222 9/26 Dean-OH) (333 9/15 Garner-ONT)
 15175 *2200 R.Nor.: EE ID nx (444 9/5 Bryan-CA) (1300 323 8/22
 Kummer-KY) (1727 NN 333 9/10 Brookwell-CA)
 15345 1700 R.Nor.: EE nx (fair 9/20 MacDonald-NJ) (2100 NN 343
 9/9 Cawthorne-ENG)
 17795 1600 R.Nor.: EE "Norway This Week" (322 9/19 Zilmer-WI)

POLAND

9540 *1830 R. Poland: EE "This Week in Poland" (322 10/9 Rafe-NY)
 (Butterfield-MA) (0200 222 8/12 Kummer-KY)

PORTUGAL

6025 *0230 R. Portugal: EE IS nx (555 10/6 Smith-AL) (433 9/7
 Bryan-CA) (444 9/29 Earhart-PA)
 7115 0000 R. Free Europe: Czech nx & comtry // 7165, 7190
 (545 9/26 Watts-IN)
 9670 *2030 IBRA via R. Trans Europe-Sines: EE Rel pgm to 2100*
 (343 10/7 Butterfield-MA)
 9725 0015 RFE: Czech pgm-jammed (332 9/21 Earhart-PA)
 15340 1810 R. Portugal: EE nx & comtry (353 10/5 Trautschold-WI)
 17725 1800 RFE: Bulgarian: "TUK E Svoboda Eurora" (444 10/13
 Butterfield-MA)
 17880 1830 R. Portugal: PP beam to Angola & Mozambique (252 10/7
 Trautschold-WI)

ROMANIA

9570 0130 R. Bucharest: EE nx & comtry (332 9/15 Garner-ONT)

SPAIN

6065 0140 R. National de Espana: EE nx & comtry (434 10/7 Vogel-PA) (554 10/6 Smith-AL) (422 9/21 Redman-ILL) (0310 444 10/9 Willis-PA) (0340 323 Stuart-MA) (0410 533 10/1 Newell-BC)

9630 0200 RNE: SS mx & comtry (443 9/12 Naylor-CA) (353 9/12 Dawson-CA) (555 9/28 Somers-CA) (2250 444 10/2 Pecenka-IN)

9505 2030 RNE: EE nx (332 9/23 Cawthorne-ENG)

9520 *2330 RNE:IS SS ID TC(532 10/5 Newell-BC)(0058 222 10/9 Dean-OH)

9580nf 2030 RNE: SS nx ann. 9520 & 9630 but only heard on 9580 & 9520 (QRM BBC 9/15 Hauser-VA)(0315 EE 444 //9505 & 6100 Sapsford-ENG) **RADIOTELEVISION ESPAÑOLA**

9595 2115 RNE:SS nx (333 9/15 Kukan-NJ)

11775 2320 RNE:SS Tlk&mx //11945(232 9/5 Bryan)(555 9/12 Somers)

11880 0315 RNE:EE nx (444 9/28 Rogers-CAN)(454 9/17 Smith-FLA)

11920 1928 RNE:EE ID (343 10/5 Trautschold-WI)

11965 0000 RNE:SS pgm w/ballad mx (454 9/28 Earhart-PA)

SWEDEN

6035 *0030 R.Sweden: EE nx to NA (422 9/28 Zilmer-WI) (333 QRM VOA on 6030 9/9 Earhart-PA)

6045 *2300 R.Sweden: EE nx to NA // 6120 & 9695 (311 10/1 QRM Can. Zilmer-WI)

6120 *2300 R.Sweden: EE nx to NA (433 9/29 Zilmer-WI)(343 9/27 Earhart-PA)(433 9/28 Yajko-PA)(0235 322 QRM RNE 9/12 Crable-ID)

9605 *2200 R.Sweden: PP nx (433 9/20 Pecenka-IN)

9665 1600 R.Sweden: EE nx to Africa // 11740(222 9/17 Zilmer-WI)

9695 *2300 R.Sweden: EE nx to NA(433 10/2 Zilmer-WI)(533 10/3 Newell-BC)(0130 SS 333 9/7 Bryan-CA)(0230 EE 433 8/12 Kummer-KY)

11705 2345 R.Sweden: Swedish pgm (343 9/30 Earhart-PA)

11955 0638 R.Sweden: Swedish nx (434 Brookwell-CA)

15305 *1400 R.Sweden: EE nx (454 9/30 Rogers-ONT)(453 9/19 Fowler-ONT)(333 10/3 Pecenka-IN)(343 10/9 Willis-PA)

21690 1230 R.Sweden: EE nx (243 10/11 Gross-VA)

RADIO SWEDENSWITZERLAND

5965 0145 Swiss Broadcasting Corp: EE nx (333 10/6 Lull-ME)

6045 0433 SBC: EE, TC, ID nx & DX "Merry Go Round"(9/26 Hauser-TN)

6135 0142 SBC: IS, EE, ID "Dateline" 444(10/5 Sann-NJ)(10/7 Vogel-PA)(9/12 Crable-ID)(9/25 Yajko-PA)(9/8 Bryan-CA) (9/21 Redman-IL)(9/15 Jones-MI)(333 10/6 Lull-MI)

6165 2125 SBC: EE "Shortwave Merry Go Round" (343 10/9 Fischer-PA) (454 9/25 Cawthorne-ENG)

6240 0155 SBC:EE nx & interviews & "Dateline" (555 9/17 willis-PA)

9535 *2100 SBC:EE nx & "Merry Go Round" (423 9/25 Lordo-SC)(252 10/2 Pecenka-IN)

9590 2117 SBC: EE nx, comtry & mx 333 (9/13 Garner-ONT)(9/11 Zilmer-WI)

9725 *0145 SBC: EE nx & pgm on Swiss Thanksgiving (444 9/19 Kummer-KY)(422 9/28 Somers-CA)(323 10/6 Lull-MI)

11715 *0145 SBC: EE nx (333 10/6 Lull-NJ)

11720 2108 SBC: EE nx & "Along the Way" (343 10/3 Fischer-PA)

11870 2123 SBC: EE Talks (434 9/27 Yajko-PA)

15140 1315 SBC: EE "DX Merry Go Round" (454 9/27 Rogers-CAN) (9/25 Jones-MI)

15195 1340 SBC: EE "Merry Go Round" (354 10/9 Willis-PA) **+SBC**

15430 1315 SBC: EE "Dateline" (333 9/15 Shaw-PA)

15503nf 1120 SBC: EE Sunspot counts and Ali interview (10/4 Hauser-TN)

21520 1145 SBC: multilingual ID, II pgm (444 10/11 Gross-VA)

UNION OF SOVIET SOCIALIST REPUBLICSLATVIAN SSR

15455t *1630 "Radiostantsiya Atlantika", Riga?: RR, IS, & ID (454 9/13 Trautschold-MI)

LITHUANIAN SSR

7190 *2230 R. Vilnius: EE(week-ends only) Local feature stories (322 9/19 Trautschold-MI)

7320 *0030 R. Vilnius: EE review of week's events(333 10/10 Rafe-NY) (Yajko-PA)(Fowler-ONT)

RSFSR EUROPEAN:

7100 0215 R. Moscow: EE mailbag // 7165, 7250, 7290, 7320 (Pecenka-IN)(Smith-FL)(Yajko-PA)(Vogel-PA)(Thompson-NJ)(Willis-PA)
 7150 0030 R. Moscow: closing anmts. (444 10/10 Redman-IL)
 7285 2330 R. Moscow: EE nx & comtry (544 9/24 Famularo-NJ)
 7390 2210 R. Moscow: EE mailbag (444 9/26 Redman-IL)(Smith-FL)(Pecenka-IN)(0500 RR IS, ID, TC Earhart-PA)-Ken, may be a polar effect suggesting kaunas. ed.
 7400 0400 R. Pease & Progress: SS to LA (454 10/6 Watts-IN)
 9480 1130 R. Moscow: EE anmts (322 9/27 Smith-FL)
 9665 0135 R. Moscow: EE nx (433 9/29 Yajko-PA)
 9700 0330 R. Moscow: EE nx (343 9/11 Smith-FL)
 9775 *0130 R. P & P: EE nx (433 10/10 Redman-IL)
 12050 0145 R. Moscow: EE Book Review (554 9/27 Somers-CA)
 15100 2300 R. Moscow: EE nx (333 9/5 Garner-ONT)
 15210 0350 R. Moscow: EE "viewpoint" (444 9/5 Bryan-CA)
 18000 1350 R. Moscow: EE nx (242 10/9 Willis-PA)

UKRANIAN SSR:

7150 *0030 R. Kiev: EE nx & mailbag (444 10/10 Redman-IL) (333 10/8 Vogel-PA)
 7390 *0300 R. Kiev: EE to NA until 0330* (333 9/13 Smith-FL) (Earhart-PA)(Smith-AL) (0045 433 Willis-PA)
 15020 0040 R. Kiev: EE pgm (554 9/11 Somers-CA)
 15100 *0030 R. Kiev: EE nx, mx, comtry, DX pgm (444 10/5 Thompson-NM)(Somers-CA)
 15210 0315 R. Kiev: EE pgm (343 9/17 Somers-CA)
 15455 1402 Radiostansiya Rodina via Simferopod: Organ IS, RR, ID, Tlks (433 9/26 Famularo-NJ)(Pecenka-IN)
 17700 1230 Radiostansiya Rodina via Vinnitsa: RR IS, ID, Tlks (454 9/24 Smith-FL)(1430 433 9/12 Dean-OH)

UNITED KINGDOM

6050 0010 BBC: EE nx (444 Redman-IL) **BBC**
 6195 1110 BBC: EE WS (433 Famularo-NJ)
 7150 0715 BBC: EE WS // 7120 & 7185(434 Gross-VA)(222 Brookwell-CA)
 7155 0700 RCI: EE nx (Smith-FL) (FF 0770 Gross-VA)
 7325 0220 BBC: E "People & Politics" (433 Redman-IL)
 9410 2145 BBC: EE "Age of the Airship" (444 Redman-IL)
 9510 2300 BBC: IS, ID (322 Arnold-CA)(0200 Thompson-NM)
 9580 2135 BBC: EE WS (Rogers-CA)(Dawson-CA)(Vogel-PA)(Arnold-CA)
 11720 0740 RCI: EE nx 0759* (433 Junqua-Japan)
 11750 2115 BBC: EE "Opera Review" (444 Redman-IL)
 11955 0030 BBC: EE "Radio Newsreel" (333 9/6 Bryan-CA)
 15070 1500 BBC:EE (353 9/11 Fowler-ONT)(Thompson-NM)(Somers-CA)
 15390 1230 BBC: English by Radio (354 10/3 Pecenka-IN)
 17835 1500 BBC: EE "on the air news" (454 9/27 Rogers-CA)
 21470 1226 BBC WS: EE Rock mx // 21610, 21600(Cyprus) 21710, 17705 (434 10/11 Gross-VA)

VATICAN

5995 *0100 Vatican Radio: EE nx // 11700 (222 9/30 Pecenka-IN) (422 10/10 Brooker-MI)
 9605 0105 Vatican Radio: EE nx (433 10/3 Redman-IL) (333 9/7 Bryan-CA) (434 9/25 Yajko-PA)
 9645 2030 Vatican Radio: EE Rel. Tlk (444 9/5 Garner-ONT)
 11700 *0100 Vatican Radio: EE Rel. Tlk (Lordo-SC)(Yajko-PA) (Brooker-MI)
 11705 2230 Vatican Radio: EE pgm QRM Pulser jammers (Earhart-PA)
 11830 1700 Vatican Radio: EE nx (344 10/2 Kukan-NJ)
 17820 1520 Vatican Radio: EE pgm (343 9/25 Smith-FL)
 17900 1715* Vatican Radio: EE closing anmts (454 10/5 Trautschold-WI) (343 10/3 Yajko-PA)

CLANDESTINE

12138 1730 R. Espana Independiente: SS comtry (343 9/3 Hammer-OH)

Glenn Hauser wrote in that the Swiss "Merry Go Round" show was highly defensive about Richard Wood's criticism of their show. I heard a different show stating their goal to be providing technical advice with some DX tips as they become aware of them. Roughly, their words were that they do not wish to compete against the excellent DX clubs now abundantly available. Thanks for all your contributions but please double check that the contributions are European only. 73, Wade

SWBC DX

AFRICA



Radio Television Kaduna

Editor:
RALPH FAMULARO
204 Olean Avenue
Jersey City, NJ 07306

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



FEBA
Seychelles

ALGERIA

- 6145 2125 Radiodiffusion Television Algerienne: AA OM tlk, AA mx (222 9/19 Baumgartner-ONT); (444 0600 9/25 Earhart-PA)
 11812 2220 RTVA: Drum & chanting mx // 9685 (544 9/16 Young-CA)
 11910 2001 RTVA: Segment of EE nx, then back to AA pgm (222 9/20 White-FL)
 17790 121E RTVA: Slow chants, AA mx to NE Africa, BBC co-channel QRM (212 10/10 Famularo-NJ)

ASCENSION ISLAND

- 9765 2200 BBC Atlantic Relay: PP to Brazil (233 9/23 Kaufman-NY)
 More details please. rmf.

BENIN

- 4870 2215 La Voix de la Revolution Beninoise: Special pgm to Nigeria honoring their Independence day, 2230 FF w/afro mx, chants 2302* (I've heard EE nx weekdays @2004 and Sunday @2030, 444 10/1 Shepard-NY); (Junqua-JAPAN); (Bryan-CA); (Orr-CO); (Vilaro-PR); (Yajko-PA); (Fischer-PA); (Zimarowski-MA); (Baumgartner-ONT); (Redman-IL); (Rogers-ME); (Tannehwald-NY); (Earhart-PA); (Famularo-NJ)

BOTSWANA

- 4845 0425 R. Botswana: EE w/afro singing & shouting (332 9/27 Bryan-CA); (333 *0345 9/9 Brookwell-CA)

CAMEROON

- 4972.5 0515 R. Yaourde: EE nx, afro mx, into vern (131 9/29 Zimarowski-MA); (333 2225 in FF 9/20 Baumgartner-ONT); (Tannehwald-NY); (Bryan-CA); (Shepard-NY)
 5010 2135 R. Garoua: AA w/local mx w/flute and drums, possible nx summary @2152, anthem and off 2200* (323 10/5 Butterfiels-MA)

CANARY ISLANDS

- 11810 2111 R. Nacional de Espana: Pgm for Middle East w/nx in SS (444 10/3 Fischer-PA)

CAPE VERDE ISLANDS

- 3885 0040 R. Clube Cabo Verde: PP w/classical mx, OM/YL tlk (232 10/6 Bodell-CR) Nice catch Bob! rmf.

CENTRAL AFRICAN REPUBLIC

- 5038 2237 Radiodiffusion Nationale Centrafricaine: FF tlk, mx (333 9/27 Yajko-PA); (Hammer-CH); (Tannehwald-NY); (Zimarowski-MA); (Estes-MS); (Earhart-PA); (0438 Bryan-CA)

CHAD

- 4904.5 0515 Radiodiffusion Nationale Tchadienne: FF cntry w/flute interludes, screams w/drums, FF ID, flute, xylophone and drums (222 9/10 Brookwell-CA); (Redman-IL); (Orr-CO); (Shaw-PA); (Crews-FL); (Baumgartner-ONT); (Bryan-CA); (2150 Dean-OH)

COMORO ISLANDS

7260 1602 France Regions 3, Comores: FF w/chantlike local mx, mixing w/unid Afro at 1610 & KOed by RBI at 1615 (333 10/4 (Junqua-JAPAN)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 2200 Radiodiffusion Television Congolaise: FF tlks, very little mx (222 9/10 Tannenwald-NY); (Shepard-NY); (Redman-IL); (Bodell-OR)

15190 2120 RTVC: EE nx then into FF @2126 (444 9/11 Naylor-CA); (Peters-NY); (Yajko-PA); (Fowler-ONT); (Somers-CA); (White-FL); in FF by (Fischer-PA); (Redman-IL); (Rogers-ME); (Bryan-CA); and in vern (1730 Dean-OH) EE seems to vary between 2120-2135. rmf.

EGYPT

6170 ---- SEE MOROCCO

9475 0211 R. Cairo: EE w/YLs singing, xylophone solo, ID, poor modulation (453 9/15 Earhart-PA); (in SS 343 0137 9/7 Bryan-CA)

17670 1755 R. Cairo: Home Service w/ AA chants, tlk (343 10/2 Yajko-PA)

17920 1317 R. Cairo: End of EE pgm (233 10/11 Gross-VA)

EQUATORIAL GUINEA

4926 0458 R. Equatorial: OM tlk, afro mx and vocals (232 9/29 Bryan-ca)

ETHIOPIA

4905 0302 iTLF: Drum IS, EE ID into Amheric pgm for Ethiopia (444 9/17 White-FL); (444 0307 10/7 Bryan-CA)

7165 *0330 ETLF: EE ID into Swahili rel. pgm (423 9/25 Watts-IN); (333 0340 Bryan-CA)

9604.8 1626 R. Ethiopia: OM tlk, march theme at 1631 & ID // 6185 in U/lang (232 9/27 Junqua-JAPAN)

GABON

4777 0545 Radiodiffusion Television Gabonaise: FF tlks by OM (433 10/6 Redman-IL); (Bryan-CA); and from 2145 to 0000* by (Junqua-JAPAN); (Famularo-NJ); (Orr-CO); (Brigham-IL); and (Baumgartner-ONT)

GHANA

4915 2245 Ghana Broadcasting Corporation-1, Accra: EE nx (333 10/10 Gross-VA); in vern 2130-2215 (343 9/16 Earhart-PA); (Famularo-NJ); (Tannenwald-NY); (0545 Zimarowski-MA); and in EE (333 0555 9/23 Hammer-OH); (433 9/22 Redman-IL); (222 9/16 0700 w/IS Brookwell-CA)

4980 2215 GBC-2 Ejura: EE w/church service (232 10/3 Rogers-ME); (322 2115 10/3 Fischer-PA); (433 0552 9/7 Bryan-CA)

6130 2158 GBC (Radio Ghana): EE mx, nx (222 9/30 Garner-ONT); (443 2220 9/26 Redman-IL); (433 2245 9/25 Zilmer-WI)

GUINEA-BISSAU

5041.5 2235 R. Bissau: Guitar & drum mx w/some vocals, a "New Orleans" number. Some QRM creeping in @ 2250 from SA station(s) (353 9/16 Earhart-PA); (w/PP annx @2250 10/2 Famularo-NJ)

GUINEA REPUBLIC

4910 0510 Radiodiffusion Nationale: FF commentary, IS OM ID C514 (333 10/9 Crews-FL); (332 9/21 Zimarowski-MA); (422 9/22 Bryan-CA); also from 2345-0134 (333 9/27 Baumgartner-ONT) (333 10/4 Famularo-NJ); and in vern (543 10/2 Watts-IN)

7125 0341 R. Nationale: Afro tribal mx to 0400 when vern/FF ID, annxs., and cmtrys given (432 9/26 Watts-IN)

IVORY COAST

11920 1857 Radiodiffusion Television Ivoirienne: EE w/afro mx, nx, pop mx (232 10/2 Garner-ONT)

KENYA
4915 0317 Voice of Kenya: Swahili w/ EE pop mx, & OM announcements (333 10/7 Young-CA)

LIBERIA
3227 2210 ELWA: Vern tlk, mx, EE ID, anthem 2221* (243 10/9 Shepard-NY)
4770 *0635 ELWA: EE w/IS, s/on, ID, rel pgm (333 9/22 Bryan-CA); (222 *0635 10/11 Hammer-OH); also in EE from 2159-2230 by (Shepard-NY); (Vajko-PA); (Baumgartner-ONT)
11945 2047 ELWA: EE w/Liberian nx (333 10/2 Pecenka-IN); (444 9/21 Rogers-ME)
2150* ETLF: EE nx, ID & IS at s/off (433 9/12 Zilmer-WI)

MALAGASY REPUBLIC
21480 0758 R. Nederland Relay, Talata: Indonesian w/IS, opening annx, nx (242 9/15 Araki-JAPAN)

MALI
4783 0625 Radiodiffusion du Mali: FF OM tlk, YL singing (444 9/22 Bryan-CA)
7110 0710 R. du Mali: FF OM tlk, afro singing, IDed with Marching Band IS (222 10/3 Brookwell-CA)
11960 1740 R. du Mali: U/lang tlk & mx, severe het. from IBA (222 9/26 Dean-OH)

MAURITANIA
4845 2350 Radiodiffusion du Mauritanie: AA chanting into NA & s/off @0005 (433 9/21 Redman-IL); (343 2240 9/23 Rogers-ME); (333 0557 10/9 Crews-FL); (444 0645 9/22 Bryan-CA)

MOROCCO
6170 1940 Radiodiffusion Television Moracaine: AA w/singing //6100 Don't confuse with Cairo (433 10/5 Butterfield-MA); (333 10/9 Fischer-PA); (433 9/27 Zilmer-WI)
9615 2058 RTVM: AA mx, ID, tlk pgm (444 9/29 White-FL); (434 10/3 Shepard-NY); (343 9/17 Bryan-CA)
15360 1300 RTVM: AA chants, choral mx // 15330 (422 10/3 Zilmer-WI)

MOZAMBIQUE
4896 0336 R. Mozambique: PP annx w/afro mx (343 10/7 Young-CA)

NIGER
3260 2150 Office de Radiodiffusion Television du Niger: FF tlk afro mx, sked, ID, IS, anthem 2201* (142 10/10 Shepard-NY)
5020 *0530 RTN: FF s/on, OM ID, into Quran (322 10/9 Crews-FL); (322 0540 in vern 9/22 Bryan-CA)

NIGERIA
4990 0520 Nigerian Broadcasting Corporation, Lagos: FF w/ request pgm, ads for Pepsident toothpaste & Joy soap, nx (544 10/5 Butterfield-MA); (EE w/request pgm 333 0540 Bryan-CA)
6195 2116 NBC, Sokoto: EE w/French by Radio, IDs, heard after BBC s/off (232 10/8 Zimarowski-MA); (332 9/30 Zilmer-WI)
7275 0725 Voice of Nigeria (NBC): EE w/african pop mx, ID, nx at 0730 (333 10/9 Gross-VA)

RHODESIA
3307 0349 Rhodesian Broadcasting Corporation: Vern/EE w/afro mx, annx, EE nx @0400 (333 10/7 Young-CA)
3396 0355 RBC: EE ID, OM nx, mx pgm @0410 (533 9/17 Brigham-IL)

SENEGAL
4890 0610 Radiodiffusion du Senegal: AA OM chanting (232 9/22 Bryan-CA)

SEYCHELLES
9665 1833 FEBA: AA w/rel tlk, mx, Quran (333 9/14 Bodell-OR)

SIERRA LEONE
3316 2300 SLBC: FF light mx pgm w/ OM anncr, 2330* w/anthem (141 10/3 Estes-MS); (Vilaro-PR); (Bryan-CA)

SOMALIA

9585 1600 R. Mogadishu: Somali w/ID, tlk, AA mx (433 9/22 Rogers-ME)
(322 1944 Bryan-CA); (534 2059* 10/3 Watts-IN)
11645.2 1546 R. Hargeisa: Somali nx, 1549 ID,tlk, "modern local mx"
1601 OM tlk, chants (443 10/2 Junqua-JAPAN)

SOUTH AFRICA, REPUBLIC OF

9585 2315 Radio R.S.A.: EE commentary (333 9/27 Rogers-ONT);
(Pecenka-IN); (Garner-ONT); (Woltman-WI); (Dutkowski-BC);
(Willis-PA); (Miller-CA); (Yajko-PA)

SUDAN

5039 0407 R. Omdurman: AA mx and chanting (222 10/7 Young-CA)
11835 1800 R. Omdurman: AA ID, nx, tlk (322 10/2 Shepard-MY); (343
1800 9/30 Bodell-OR)

SWAZILAND

3240 0333 Trans World Radio: Afro lang w/ rel mx, tlk, 0416* w/hand
bell IS. UTE QRM (222 10/3 Baumgartner-ONT)

TANZANIA

15435 1927 R. Tanzania: EE w/afro mx, IDs, "Voice of Namibia" pgm
s/off 2015 (242 9/24 White-FL); (222 2015* 9/13 Shepard-MY)

TOGO

7264.3 0605 Radiodiffusion du Togo: FF Om tlk,chants & afro mx //5047
(544 9/23 Bringham-IL)

TUNISIA

7275 2320 Radiodiffusion Television Tunisienne: AA tlks by OM into
chanting (433 9/26 Redman-IL); (323 9/15 Bodell-OR)
15225 1855 RTVT: AA w/classical mx, chanting (333 9/6 Bryan-CA)

UGANDA

15325 1820 R. Uganda: EE w/ OM nx commentary into pop hits (322 10/3
Hammer-OH); (242 2059 9/26 Bryan-CA)

UPPER VOLTA

4815 0618 Radiodiffusion Television Voltaique: FF pop mx, OM tlks
(343 9/22 Bryan-CA)

ZAIRE

15245 2245 La Voix du Zaire: FF w/afro mx & tlks. Full ID at 2331,
then more mx (434 9/19 Naylor-CA); (344 10/3 Watts-IN)
15350 2020 LV du Zaire: FF ID, tlks, IS and afro songs (333 9/21
Shaw-PA); (Rogers-ME); (Garner-ONT); (White-FL); (Rog-
ers-ONT)

ZAMBIA

3346 0401 R. Zambia: EE nx (322 10/7 Young-CA)
4910 0500 R. Zambia: EE ID, into nx (NOTE: Monday morning is the
only day with no S. AM. QRM, 343 9/20 White-FL)

UNIDENTIFIED

9730 0024-0027* Tlk in AA, National Anthem and off (343 9/24
Earhart-PA) Any Ideas? mfm.

That's it for the November issue. Sorry if all your loggings did not appear, but I had to fit everything I received into these four pages. I would like to thank Bob Butterfield, Don Johnson, and Oliver Ellsworth for their guidance. I would also like to thank the 45 reporters for their support and welcome new reporters Don Dutkowski and Jim Bryan and re-welcome John Rogers who has been missing from SPEEDX since January, 1975.

Just a couple of things to remember; (1) reports dated earlier than the 10th of the preceeding month of an issue are too old. (For the December issue their should be no reports dated before Oct. 10). Also, cutting your loggings before sending them to me saves a lot of time. So, until next month,

73 & Gud DX, *Ralph*

CHINA (continued)

9480	2300	544	JPN	R. Peking: IS, Spanish ID, nx (Tsukamoto 9/11)
9965	1417	545	JPN	RP: JJ, farewell to Mao (Araki 9/2)(Yajko PA)
10260	0123	242	JPN	Beijing 2: CC tlk (Tsukamoto 9/12)
10865	0307*	333	FL	RP: EE nx, ID, cmtry on US, mx (Smith 9/5)
11290	0815	222	CA	RP: CC tlk, "Internationale" (Brookwell 10/4)
11650	2035	444	BC	RP: EE w/ thoughts of Mao (Dutkowski 10/10)(Pecenka IN)
11675	0035	555	NJ	RP: EE w/ reactions to Mao's death (Sann 9/28)(Yajko PA)(Brooker MI)(@ 2040 Miller CA).....
11685	1200	353	PA	RP: EE reading eulogies to Mao (Earhart 9/13)
11945	0115	333	PA	RP: EE cmtry (Vogel 10/6)(Dutkowski BC)(Watts IN) (Gross VA)(Pecenka IN)(Brookwell CA)(Brooker MI), etc.
11980	0330	323	CA	RP: CC mx, "Intern.", 0355* (Hall 10/2)
15030	2309	242	PA	Beijing 2: CC tlk by YL (Yajko 9/27)
15045	*0200	332	CA	RP: IS, IDs, Spanish tlk (Arnold 10/1)
1:5060	*0000	233	CA	RP: cmtry in EE on Mao's death, repeated @ 0100 (Arnold) (Kukan NJ)(Garner ONT)(Estes MS)(Watts IN)(Thompson NM)(@ 0304 Somers CA)(@ 0416 Bryan CA).....
15095	0020	434	PA	RP: SS tlk about Mao (Yajko 9/27)
15385	0201	333	CA	RP: SS w/ nx (Somers 10/4)

RADIO PEKING

CYPRUS

6150	*2345	432	WI	BBC Limassol: IS, then into u/lang pgrm (Zilmer 9/9)
6180	0400	434	CA	BBC: EE tlk, cmtry in WS (Miller 9/13)(Zilmer WI)
11760	*0900	333	ENG	BBC: IS, EE ID, freqs, nx, cmtry (Sapsford 10/1)
21660	*0900	444	ENG	BBC: EE ID, nx, power reduced to 50 Kw now (Sapsford 10/2)

INDIA

3905	1620	232	JPN	AIR Delhi: Farsi? tlk by OM, to Iran (Wakisaka 10/2)
3925	1622	343	JPN	AIR Delhi: u/lang w/ local mx (Wakisaka 10/2)
4860	1430	333	CA	AIR Delhi? w/ tlk in u/lang, mx (Bryan 9/5)
9525	2145	333	NY	AIR Aligarh: EE tlk, Indian mx (Tannenwald)(Perry QUE @ 2100)(Yajko PA @ 1945)(Brooker MI @ 2220).....
9705	1530	333	ENG	AIR Delhi: EE nx, then HS nx in Hindi (Sapsford 10/3)
9912	2229	233	ME	AIR Delhi: EE w/ freqs, ID, 2230* (Rogers 10/1)
11740	2200	222	WI	AIR Delhi: EE cmtry, // 9525, 9912 (Zilmer 10/7)
15190	0958	444	JPN	AIR Aligarh: EE w/ IS, nx (Araki 9/15)
15335	1456	333	ENG	AIR Delhi: EE nx, cmtry, // 11810 (Sapsford 10/2)

Kashmir

3345	1603	131	JPN	R. Kashmir, Jammu (t): EE tlk, local mx (Wakisaka 10/2)
------	------	-----	-----	---

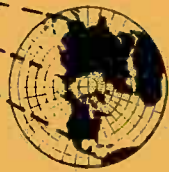
INDONESIA

2907	1416	322	CA	RKPKD Gresik: Indo annx, island mx (Young 9/14)
2919	1418	333	CA	RPDK Klaten: Indo tlk by OM (Young 9/14)
3024	1410	232	CA	RPDK Kendal: Indo tlk, songs (Young 9/14) I'm jealous!
3055	1409	333	CA	RKPKD Sampang: Indo pops w/ singing (Young 9/14)
3074	1356	232	CA	RKPKD Blora: Indo pops, annx, no ID on hr (Young 9/14)
3116	1357	444!	CA	RPDK Serang: EE pop mx, island mx, Indo annx (Young)
3120	1335	444	CA	RRI Dili: Port/Indo w/ mx, IS, ID (Young)(Junqua JPN)
3138	1352	222	CA	R. Siaran PDK Cikanpek: Indo pops, tlk (Young 9/14)
3165	1351	333	CA	RKP Kotamadya, Surabaya: US pops, IS, ID (Young 9/14)
3205	0947	333	JPN	RRI Bandung: Islamic chants, subcont mx (Junqua 10/3)
3223	1007	232	JPN	RRI Mataram: Indo tlk, vocals (Junqua 10/3)(Bodell OR)
3325	1047	232	IN	RRI Jember: Indo mx, tlk (Pecenka 10/2) / (Bodell OR)
3395nf	1440	333	JPN	RRI Tanjungkarang: Indo ID, pop mx, IS (Wakisaka 9/24)
3375	1249	333	OR	RRI Jambi: relay speech, Jakarta nx, cmtry to 1340, // 3205, 3223, 3241, 3250, 3294, 3391, 3395, 3549, 3905, 3945, 3960, 3975, 4000, 4719, 4764, 4805, 4855, 4871, 4885, 4900, 4932, 4955, etc. (Bodell 10/15)....
3433	1421	232	CA	RPDK Kediri: Indo pop mx (Young 9/14)(Bodell OR)
3453	1432	322	CA	RPDK Bima: lite Indo mx, annx, Peking het. (Young 9/14)
3800	1401	--2	CA	RKPKD Jember: Indo nx, ute QRM (Cleveland 9/20) [17]
3850	1342	232	CA	R. Dili: Chants, Indo tlk, mx (Bryan 9/9)(Junqua JPN)
3905	1239	333	JPN	RRI Palangkaraya: Indo tlk, ID, IS, mx (Junqua 9/26)
3935	1350	--2	CA	RRI Semarang: Indo annx, YL vocals (Cleveland 9/21)
3960	1347	--2	CA	RRI Padang: Indo w/ local pops, IS, ID (Cleveland)
3975	1015	353	CA	RRI Surabaya: Indo w/ guitar mx, annx (Sparks 10/9)
4375	1353	--2	CA	RPDK Soppeng: Indo tlk, mx, nx relay (Cleveland 9/17+)
4600	1353	232	OR	RKPKD Trenggalek: Indo inst. & singing (Bodell 10/15)
4764	1425	433	CA	RRI Medan: Indo tlk, mx (Bryan 9/5)



PROPAGATION

FORECAST Winter 1976



Prepared by Doug Snyder

Season's Greetings; dx season I'm referring too of course...but since this is my last column for the bicentennial year of 1976, let me wish each one of you a joyful holiday season and lots of good health and may your first Christmas present be a new receiver.

I have received a few compliments on the Autumn supplement and I hope that it has proved beneficial for those of you that have used it. This winter forecast follows the same format, but I would certainly appreciate hearing from any of you concerning your suggested additions or changes or if you have any problems interpreting the charts; my address is 3130 Woodmont Drive, San Jose, CA, 95118.

I would like to say thanks to all that protested the cancellation of the WWV GeoAlerts at 18 minutes past the hour; they are now back on the air due to a flood of letters. The GeoAlert broadcast, which is updated every day at 0418 GMT, announces the previous day's Solar Flux reading (a measure of Solar activity), the previous day's 'A Index' (geomagnetic activity), a word description of solar activity (very low, low, moderate, high, very high), a word description of geomagnetic activity (quiet, unsettled, active or disturbed) and a general forecast of the following day, for example: "Solar Activity will be very low and the geomagnetic field will be quiet." The GeoAlert broadcast is from WWV only and has been discontinued from WWVH.

I have been charting the Solar Flux and 'A Index' for over two years now and would like to give a capsule summary of these charts: for the last eight months of 1974, the Solar Flux averaged 88.5; in 1975, the S.F. averaged 76.2; during the first nine months of 1976, the S.F. has averaged 72.8. So you can see the definite downward trend of solar activity. 1977 will also see a very low level of solar activity, averaging in the mid-seventies. What does this mean for shortwave? Well, for one thing, continued severe crowding in the lower frequency International SW bands, 49,41, and 31 meter bands. But its a boon to the tropical bands dx'er, especially during the winter; the 120, 90,75 and 60 meter bands will be very active with the Asiatic, Latin and African regionals, but of course only during periods of darkness. During periods of quiet geomagnetic activity, that is the time to dx for Central Asia and the Far East if you're on the east coast, the Middle East, East Africa, Central Asia and Europe if you reside on the west coast. For the dx'ers in between, openings to the Middle East, Central Asia and Europe will occur with low A Index. I hate to ignore all our overseas members, as they have their special propagation problems, but space dictates that we concentrate on the U.S. However, I will be glad to try and answer any questions that any member has concerning propagation, whether in the U.S. or overseas.

Well, what's in store for this winter, you ask? The main thing going for us is, obviously, darkness. By consulting the charts, you can see that every area covered has a common darkness period with the U.S. This means, that during that period, the entire transmission path is in darkness, which is essential for low frequency communication. Of course, these charts don't relate to the actual broadcasting times of the desired stations; for example, if your common darkness period falls during the middle of the night at some place where there is only domestic broadcasting, don't expect to hear that regional because it probably won't be on the air.

The charts will, or should be valid until middle February; near the end of winter, you will notice that the higher frequencies will be opening up more than the charts show, and of course, the darkness periods will be shorter. But I have found that February is one of my finer months, dx wise. You will also notice on the charts the higher daytime frequencies, higher in fact than the summer. This is because, although its winter in the northern hemisphere, the Earth is much closer to the Sun and thus receives more ultra-violet radiation during the daytime and thus raising the frequencies. The northern Polar region, everything above the Arctic Circle, during winter, is in darkness 24 hours a day. Now that's the place to dx, if you can take the cold weather!

Now, perhaps an explanation of the charts and how to read them. Let me first say that this supplement may be removed from the bulletin and placed near your receiver for ready reference. If you leave it in the bulletin and don't use it, shame, shame; you might miss one of the best dx catches of the winter.

The following two pages contain nine charts each. One page is for listeners on the west coast (Pacific & Mountain Time) and the other page is for listeners on the east coast (Eastern & Central Time). The pages are marked 'WCNA' for west and 'ECNA' for east. The charts represent transmission paths between nine areas of the world and the east & west coasts of the U.S. (NOTE: since these are areas and not specific sites, the charts represent average frequencies for that area.

The charts show an envelope of expected reception, based on propagation conditions and not broadcast schedules. The upper limit of the envelope indicates the estimated Maximum Useable Frequency (MUF) based on a solar Flux reading of 72. It may be said that the MUF is determined, not from a particular frequency beyond which you would suddenly not hear a signal from a certain region, but from a certain signal level at that frequency, under normal propagation conditions. Beyond that frequency, you still might be able to receive stations from a certain area, but the signal level would be significantly less than within the upper portion of the envelope. The MUF is not a constant value; some days it will be somewhat lower and some days it will be higher. The broadcasts over WWV at 18 minutes past the hour will help indicate what days will provide what. On the days that the Solar Flux climbs to about 15 to 30 more units over the current average, you can expect the next higher SW band to open up. During this low period of solar activity, any great and/or sudden increase in the S.F. would also indicate greater flare activity on the sun, therefore most likely causing moderate to severe ionospheric and geomagnetic storms here on Earth, which in turn could lead to Polar Cap Absorption events and increased D-layer absorption on daylight paths. These events also increase (to a higher frequency) the Lowest Useable Frequency (LUF) which is indicated by the lower limit of the envelope. This LUF is being roughly estimated for inclusion in these charts on the basis of expected absorption levels and the length of the transmission path. Some other factors that influence the LUF is transmitter power, antenna beam direction and local noise levels.

Along the top portion of each chart is indicated the daylight/darkness pattern between transmitter & receiver. This is another useful propagation aid; the solid black portion indicates darkness at both the transmitter & the receiving sites; daylight at both transmitter & receiver is indicated by the unmarked squares of the grid; the diagonal lines sloping up to the right indicate darkness at the receiver, but light at the transmitter; diagonal lines sloping down to the right indicate darkness at the transmitter, and daylight at the receiver. Again, since these charts represent areas, the patterns show average times; for precise times, refer to the SPEDX Sunset-Sunrise Booklet (newly revised for over 260 sites, computer accurate!). You'll notice that for the charts of Central & South America, I have shown two time patterns due to the large area covered; the top is for Cent. America & western S. America; the bottom is for the rest of S. America.

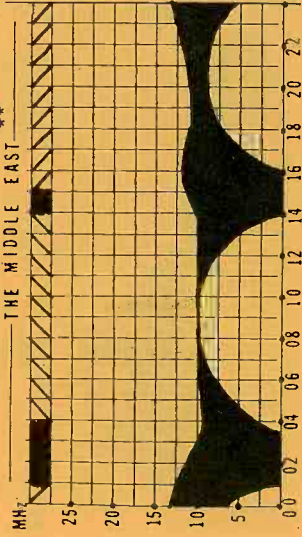
Next to the area named on the charts, you will notice some of them marked with one or two astericks ('+' is used for Midwest); these indicate what areas in which the signal travels through the Auroral Zone in route to the receiver. The A.Z. is an area that surrounds the Geomagnetic North Pole and which affects signals passing through it; one asterick or + sign indicate that the signal passes through the zone for 40% or less of the total path length; two astericks or + signs indicate more than 40% of the path length is through the A.Z.; the further a signal travels thru the A.Z., the more it is deteriorated, depending upon the amount of geomagnetic activity.

As mentioned in the Autumn forecast, the termination of the propagation forecast at 14 minutes past the hour over WWV did occur and there is now no realtime (newly updated) information being broadcast. Whether or not these broadcasts will be resumed is questionable; I am sure they (the Dept. of Commerce) received a volume of complaints, but should the forecasts be resumed, an announcement will be made over WWV at 4 minutes past the hour. The real value of these forecasts were the announcement of the K-Index which were updated every three hours. (The K-Index is related to the A-Index through a logarithmic function)

To finish off this supplement, here are a few stations that I will be hunting for this winter: Falkland Is., 2370 kHz, 1300-1500GMT, Mon-Sat. & 2200-0130, Mon-Fri.; AIR, Simla, India, 3223kHz, 0100-0200GMT & 1300-1830. FR3 Moroni, Comoro Rep., 3331kHz, 0330-0500 & 1400-1930. R. Maldives, 4740kHz, 1500-1730. Plus as many Indonesians as possible...they are slowly building more mediumwave studios to replace the SW facilities, so get 'em while they are still on. 'Til '77, good dx, good health & HAPPY New Year!

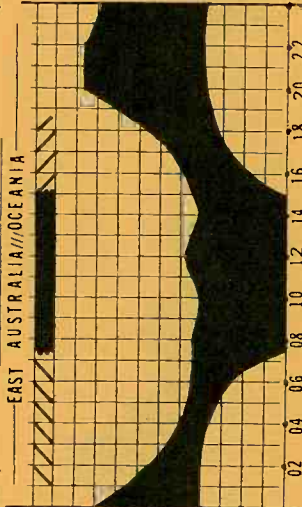
(WCNA)

THE MIDDLE EAST **



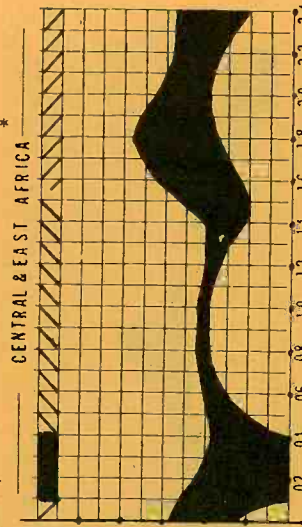
ALL TIMES IN GMT

EAST AUSTRALIA//OCEANIA



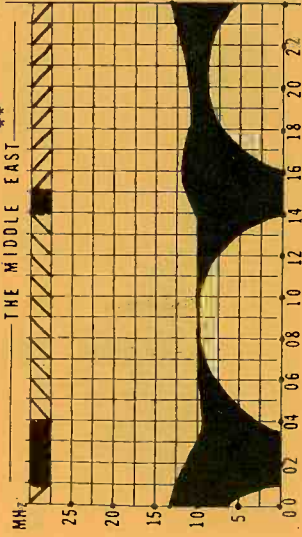
(WCNA)

CENTRAL & EAST AFRICA *



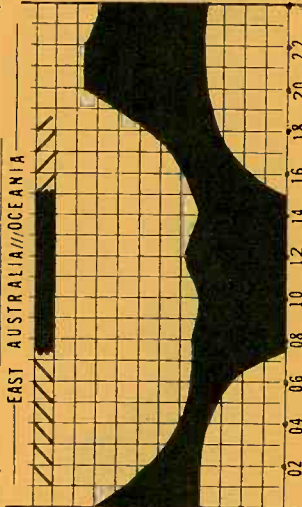
(WCNA)

CENTRAL ASIA *



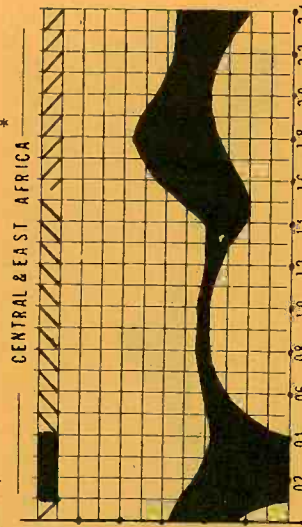
ALL TIMES IN GMT

CENTRAL AMERICA AND SOUTH AMERICA



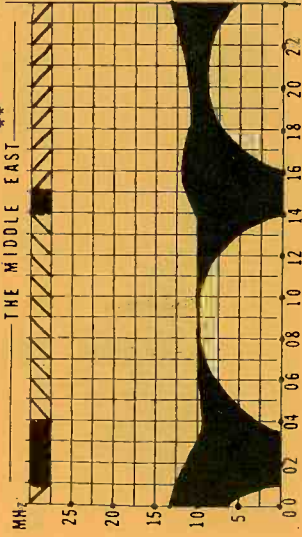
(WCNA)

WEST AFRICA



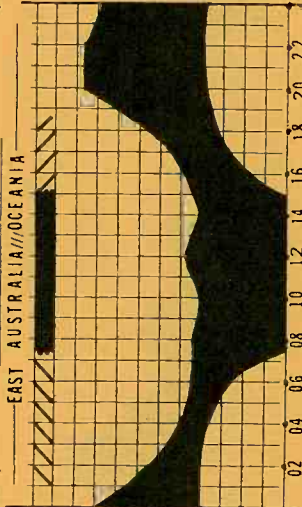
(WCNA)

SOUTHEAST ASIA//INDONESIA



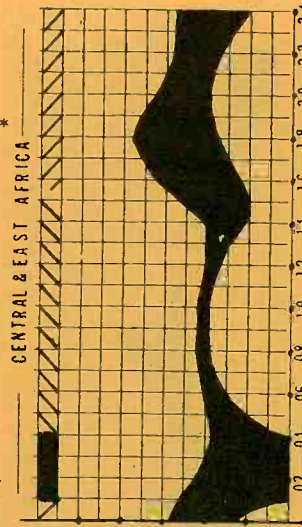
ALL TIMES IN GMT

EUROPE **

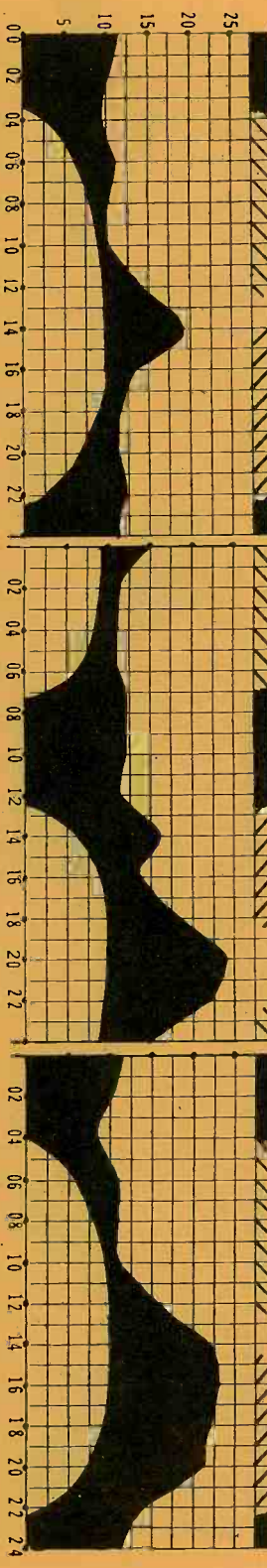


(WCNA)

SOUTHERN AFRICA



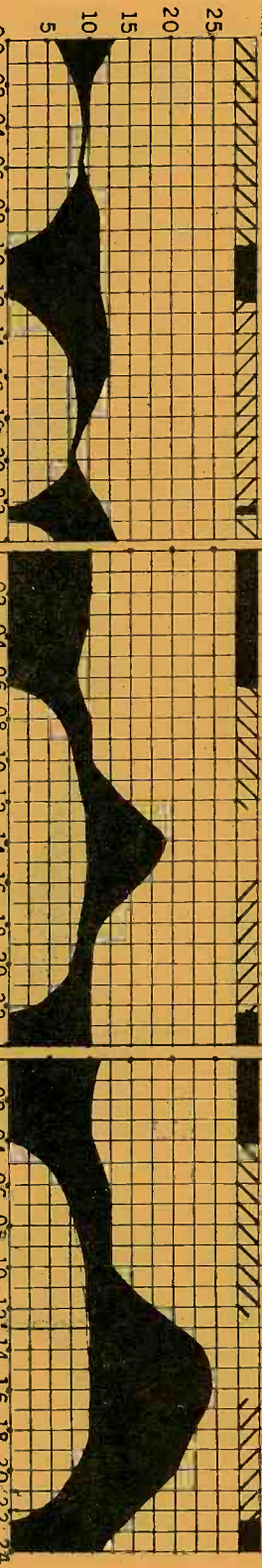
MHz _____ THE MIDDLE EAST + (ECNA) ALL TIMES IN GMT (ECNA) CENTRAL & EAST AFRICA



MHz _____ CENTRAL ASIA +* (ECNA) CENTRAL AMERICA AND SOUTH AMERICA WEST AFRICA



MHz _____ SOUTHEAST ASIA//INDONESIA * (ECNA) EUROPE + SOUTHERN AFRICA



MHz _____ ALL TIMES IN GMT (ECNA) ALL TIMES IN GMT (ECNA)

INDONESIA (continued)

4790	1013	333	JPN	RRI Pakpak: Indo tlk by OM (Junqua 9/30)
4805	1339	--3	CA	RRI Jakarta: Indo pop mx (Cleveland 9/22)
4871	1145	444	MS	RRI Sorong: Indo vocals, lite mx, YL annx (Estes 10/6)
5046	1353	--3	CA	RRI Yogyakarta: Indo vocals by YL (Cleveland 9/29)
5260	1354	--2	CA	RRI Sibolga: Indo pop mx (Cleveland 9/22) 10/6)
5605	1423	121	JPN	RPKD Ketapang? Indo pops, tlk, vocals, 1435? (Wakisaka)
5987	0950	333	JPN	RRI Manado: Indo pops, ID (Wakisaka 10/1)(Cleveland)
6045	1335	--2	CA	RRI Jakarta: Indo w/ local mx (Cleveland 10/7)
7139	0945	343	CA	RRI Ambon: Indo pops, tlk (Sparks 10/9) 10/21)
7240	1518	322	OR	RRI Medan (t): weird sc type mx, tlk in u/lang (Bodell
11789	1130	323	MA	V. of Indonesia: EE w/ local, US mx, also @ 1400, AA @ 1500 (Butterfield 10/7)(Zilmer WI)(Miller CA)(Naylor)

IRAN

15084	1625	242	CA	VOI: Farsi tlk, Persian mx, violins (Bryan)(Brookwell)
-------	------	-----	----	--

IRAQ

3244	0000	222	NY	RB: AA tlk, mx (Tannenwald 9/3)(@ *0229 Bodell OR)
9635	1440	333	ENG	RB: HS w/ AA mx, chants, mixed w/ BBC(Enfield 10/2)

RADIO BAGDAD

ISRAEL

5900	*0500	433	MA	IBA: EE w/ nx, wx, press, 0515 to FF (Butterfield)
7412	2230	554	FL	IBA: EE pgrm, also @ 0500 (Smith)(Kukan NJ)(Yajko PA)
7460	0402	332	ID	IBA: Hebrew w/ sermon, mx (Crabel 9/16)(Earhart PA)
9009	2000	322	WI	IBA: EE nx, to Africa (Zilmer 9/18)
9355	2200	433	WI	IBA: Hebrew tlk, mx, ads, nx (Zilmer 10/1)
9425	2000	433	WI	IBA: EE nx, to Europe (Zilmer 9/30)
9435	2235	454	FL	IBA: EE w/ "Thank Goodness its Friday" (Smith 9/10)
9815	*2000	555	NJ	IBA: EE w/ "DX Corner", "Calling All Listeners", also @ 2230 (Sann)(Bryan CA)(Tannenwald NY)(Woltman WI)
11602	2245	222	WA	IBA: HS w/ Hebrew? tlk, relig mx, annx (Beal 9/30)
11625	*2230	433	SC	IBA: EE w/ "DX Corner" 2252 Sun. (Lordo 9/19)(Dawson CA)(Garner ONT)(Russian @ 2138, Earhart PA).....
11630	2225	433	WA	IBA: EE tlk, 2230 nx, ID (Beal 9/30) off 11625?..reb..
11645	2000	444	NJ	IBA: EE "Calling All Listeners" (Kukan 10/2)(Garner)
11655	1203	252	IN	IBA: EE nx (Pecenka 10/2)(Yajko PA)
12077	2230	232	WI	IBA: Hebrew tlk, mx, // 9355 (Zilmer 10/6)
15485	*1200	251	IN	IBA: EE nx, Hebrew @ 1639* (Pecenka 10/2)(Earhart PA)
15512	1630	353	PA	IBA: Hebrew HS, tlk, mx (Earhart 9/30)(@ 1400 Zilmer)
17685	1226	343	MS	IBA: EE w/ commentary (Jones 9/26)

JAPAN

3910	1345	--3	CA	Far East Network: EE w/ pop mx (Cleveland 9/15)
3925	1335	--3	CA	Nihon Short-Wave Broadc. w/ JJ tlk by 2 OM (Cleveland)
3945	0729	323	OR	NSB: JJ tlk, pop mx, // 3925 (Bodell 10/11)
5990	1000	444	MS	R. Japan: EE nx, cmtry (Estes 9/16)(Miller CA)
6055	1351	--3	CA	NSB: fast tlking YL, w/ laughter (Cleveland 9/24)
6155	0755	322	ID	FEN: EE w/ rock n' roll, ID (Crable 9/21)(Cleveland)
7140	0920	333	CA	RJ: Korean tlk, mx (Miller 10/1)
9505	*0658	322	FL	RJ: EE IS, ID, nx (Smith 9/15)(Miller CA)
9585	1830	444	BC	RJ: EE nx, cmtry (Dutkowski 10/7)(Miller CA)
9595	0925	443	CA	NSB: EE/JJ tlk (Miller 9/27)(Cleveland 10/5)
9760	1006	343	CA	NSB 2: JJ tlk, rock n' roll mx (Naylor 9/19)
11750	0100	111	CA	FEN: EE wx, MOR mx (Hall 9/27)
11815	2000	544	BC	RJ: EE/JJ nx, cmtry (Dutkowski 10/6)(Miller CA)
15105	0105	222	VA	RJ: EE/JJ nx, IDs, press (Gross 10/10)(Arnold CA) (Yajko PA)(Thompson NM)(@ 1905 Dutkowski BC).....
15195	0133	254	IN	RJ: EE nx, "Current Affairs" (Watts 10/10)(Smith FL)
15300	0020	232	PA	RJ: EE nx, cmtry (Vogel 10/6)(Rafe NY)(Garner ONT) (Kukan NJ)(Perry QUE)(Shaw PA)(Thompson NM)(Miller CA)
15420	0150	433	CA	RJ: EE pgrm, // 15195 (Somers 10/7)
17880	0312	242	CA	RJ: EE w/ Yen tlk (Bryan 9/5)

RADIO JAPAN

JORDAN

7155	0400	444	FL	HKBS: AA IDs, nx, mx, also 2215* (White 9/19)
9560	1625	242	ME	R. Jordan: EE nx, mx, IDs, 1700 TPs (Rogers 10/2) (Junqua JPN)

D. P. R. KOREA

2850	1342	333	CA	R. P'yongyang: HS in Korean, mx (Naylor 9/22)
3015	1355	443	CA	RP: Kor. w/ patriotic mx, tlk (Bryan 9/5)(Beal WA)

D. P. R. K. (continued)

3320	1350	--2	CA	RP: Korean vocals, tlk in HS (Cleveland 9/27)
3560	1340	--2	CA	RP: EE tlk, cmtry, Korean mx (Cleveland 9/16)
3892	1339	222	OR	RP: Korean opera in FS, ham QRM (Bodell 10/16)
7203	*0900	433	CA	RP: Spanish, ID, IS, anth. (Arnold)(Brookwell CA) (Jones MS), EE @ 1000(White FL)(Beal WA)(Zilmer WI)
9778	0940	443	CA	RP: Span. to LA, EE ID, // 7203 (Miller 9/15)
11350	0812	222	CA	RP: Korean tlk by YL (Brookwell 10/4)
11535	1208	242	PA	RP: Chinese tlk (Yajko 10/3)
15630	2340	433	WA	RP: EE w/ political cmtry, ID (Beal 9/28)
15650	*2200	342	WI	RP: IS, then Korean tlk, mx (Zilmer 10/7)



REP. OF KOREA

2510	1350	242	CA	HS 1, Taegu: Korean tlk by YL/OM (Bryan 9/5)
6348	1023	332	FL	R. Echo of Hope: Korean tlk, mx, bad het. (White 9/14)
7150	*0755	333	CA	R. Korea: gong IS, Indo s/on, w/ nx (Brookwell 10/1)
9600	1600	434	BC	RK: EE w/ news and views (Dutkowski 10/7)
9640	1130	222	NJ	RK: EE nx, sked (Kukan 10/1)(Korean @ 0530 Arnold CA)
9665	*1130	332	CT	RK: EE w/ freqs, nx, mailbag, VOA QRM (Brooks 10/12+)
9675	0530	555	BC	RK: EE/Korean w/ tlk, also @ 1800, 1900 (Dutkowski)
11850	0300	323	MN	RK: EE cmtry on Korea, nx, choral mx (Wallman 9/20)
11860	0314	333	CA	RK: EE nx, "Magazine Show", cultural items (Hall 10/2) (Arnold CA)(@ 0600 Dutkowski BC)(@ 1000 Zilmer WI)

KUWAIT

11845	1830	433	SC	P. Kuwait: EE w/ pop mx, nx (Lordo 10/2)(Garner ONT) (Kukan NJ)(@ *1700 Shaw PA).....
-------	------	-----	----	--

LAOS

4602	1320	232	CA	Xieng Khouang Prov. Sta. w/ Lao mx, tlk (Bryan 9/13)
6130	1350	434	OR	NRBS (t): Lao? mx, tlk, rev. mx, anth, 1429* (Bodell)
7481v	1350	--2	CA	NRBS: Laotian? w/ tlk by YL/OM (Cleveland 9/14)

LEBANON

11695	1915	222	WA	RL (t): Fren. tlk, AA mx, anth., 1923* (Beal 10/5)
-------	------	-----	----	--

MALAYSIA

3915	1411	333	CA	BBC Tebrau: Burmese tlk by OM (Bryan 9/5)
6065	1342	433	CA	BBC: EE w/ IS, ID, then Bengali pgmr (Naylor 9/20)
7180	1045	333	CA	BBC: Indo pgmr, 1245 EE (Brookwell 9/20)(Thompson NM)
7295	1530	242	OR	R. Malaysia Penang: OM w/ EE nx, wx, // 9665 (Bodell)
9515	1541	333	OP	RM Kuala Lumpur: BM w/ Malay pop mx (Bodell 10/20)
9740	1148	334	NJ	BBC: EE cricket to Aust. (Kukan 9/28)(Miller CA)
11750	1505	444	CA	BBC: EE w/ "Radio Newsreel", "Outlook" (Miller 9/14)



MONGOLIA

50524	0917	333	JPN	UBR: Mong. tlk, chantlike mx, Moscow relay @ 0930 (Junqua 9/28)
-------	------	-----	-----	--

NEPAL

3425	1307	332	CA	EN: Nepali mx, tlk by OM/YL (Bryan 9/13)(Cleveland)
------	------	-----	----	---

OMAN

11890	0211	333	FL	Oman Broadc. Sta. w/ AA mx, ID, nx, speech (White 9/16)
-------	------	-----	----	---

PAKISTAN

3330	1650	333	JPN	RP Peshawar? tlk by 2 OM, ID, EE nx (Wakisaka 10/2)
9445	2115	322	SC	RP via ? w/ EE nx, mx, to Europe (Lordo 10/3)(Estes)
9460	2120	232	PA	RP Karachi: EE/Urdu tlk, chants (Vogel 10/6)(Bryan)
15110	1106	333	VA	RP Islamabad: EE w/ dictation speed nx (Gross 10/11)

PHILIPPINES

3345	1415	333	OR	FEB: EE w/ political speech or cmtry (Bodell 10/5)
7225	1120	131	IN	FEB: EE w/ relig tlk, mx (Pecenka 10/3)(Thompson NM)
9555	1500	343	SC	VOA Tinang: EE nx of Asia (Lordo 9/25)
9583v	1540	544	BC	V. of Philippines: EE w/ nx, mx, mailbag, IDs, sbtrts (Dutkowski 10/7)(Thompson NM)(Miller CA)(Cleveland CA)
9650	1000	544	CA	VOA Tinang: tlk in u/lang, EE ID as Phil. (Miller)
11800nf	1415	444	ENG	R. Veritas: EE relig. pgmr, nx, // 9610 (Sapsford)
11855	1421	544	CA	FEB: EE pgmr (Somers 10/5) details please, reb.
15235	0030	333	CA	FEB: EE nx, announced //s 11890, 17810, 21515 (Brookwell 9/15).....

PHILIPPINES (continued)

15290 0044 444 CA VOA Tinang: EE w/ "Breakfast Show" (Naylor 9/15)
 17790 0330 242 CA VOA Tinang: EE w/ pop mx, ID, s/off (Bryan 9/5)
 17810 0115 232 CA FEBC: EE relig. prgm, IDs, freqs (Hall 10/6)(White FL)

QATAR

9570 1455 333 JPN Qatar Broadc. Service: AA w/ chantlike mx (Junqua 9/30)

PYUKYU ISLANDS

7165 1140 322 PA VOA Okinawa: EE ID, nx, cmtry, mx (Shaw 9/20)(Thompson NM)

SABAH

4970 1335 222 CA RMS: B. Malay./EE w/ pop mx, tlk (Bryan)(Cleveland CA)

Radio Malaysia SabahSARAWAK

4750 1440 322 WA RMS Kuching: EE w/ pop mx, nx (Beal 9/12) unlisted.
 4895 1340 --2 CA RMS Kuching: Iban w/ ID, local mx (Cleveland 9/2R)
 4950 1439 333 CA RMS Kuching: EE/Chin. w/ nx, mx (Bryan)(Cleveland CA)
 5005 1348 --3 CA RMS Sibiu: Iban tlk by OM, // 4895 (Cleveland 9/29)
 7160 0921 222 CA RMS Kuching: EE/Chin. w/ ID, IPs, IS, mx (Brookwell 9/20)

Radio Malaysia SarawakSAUDI ARABIA

21630nf 1100 444 ENG SABS: AA mx, // 21540, one day only (Enfield 10/2)

SINGAPORE

5052 1445 322 CA RS: EE tlk, class. mx (Bryan)(Miller CA)(Cleveland CA)

SHI LANKA

9720 1350 322 CA SLBC: EE w/ "Quiet Hour" relig. prgm (Bryan 9/17)
 11800 1130* 323 MA SLBC: EE hymns, relig. prgm, Ext. Svce ID (Butterfield 10/7)
 15425 0202 232 ONT SLBC: EE nx, request prgm (Garner 9/17)

TAIWAN

7150 0855 333 CA BCC: Mandarin tlk, chorus, 0900 nx (Brookwell 9/20)
 9685 0222 544 JPN VOFC: EE ID "the great escape march" (Tsukamoto 9/12)
 15170a 0300 323 CA VOFC: EE nx by YL, mx (Arnold 10/1)
 15270 2322 242 FL VOFC: Korean mx prgm, YL tlk, 2330* (White 9/15)
 15425 0105 322 ID VOFC: Chin./EE nx, tlk, mx (Crabbe 9/15)(Hall CA)
 (Beal WA)(Somers CA)(Thompson NM)(@ 0342 Bryan CA)...
 17890 0015 233 CA VOFC: Chin. tlk, mx interludes, // 15425 (Hall 10/8)

THAILAND

9655 1300 433 CA RT: pop mx, EE ID, Oriental mx (Bryan 9/9)

TURKEY

9515& *2200 343 ME VOT: EE "DX Corner", nx, Turkish mx (Rogers 10/2)
 11880 (Lordo SC)(Kukan NJ)(Pecenka IN)(Butterfield MA)
 (Somers CA)(Bryan CA)(Earhart PA)(Dawson CA)(Rafe NY).

T R TU. S. S. R. (Asiatic and unknown sites)

3490a 1320 222 JPN R. Moscow via ? w/ lite mx, TC, RR tlk (wakisaka 10/2)
 4040 1351 --3 CA RM via Vladivostok: istr. mx, not // 5015 (Cleveland)
 4485 1350 --3 CA RM via Petropavlovsk Kamchatskiy: RR vocals (Cleve.)
 5015 1200 332 MS RM via Vlad. w/ TPs, RR annex, IS (Jones 9/25)(Cleve.)
 6035 1210 454 IN R. St. Unik via Khabarovsk: RR ID, nx, mx (Watts 9/13)
 7150 0430 333 WI RM: EE nx, skeds, cmtry (Woltman) most likely Euro, reb
 9810 2224 544 IN RM via Vlad w/ RM, Peace & Prog in SS @ 0100 (Watts)
 11690 0300 343 JPN R. Yerevan via Blagovesch, w/ EE/Arm. tlk, mx (Araki)
 12050 0345 454 CA RM: EE nx, cmtry on Kiyev (Miller 9/11) Petr.-Kam.*
 12070 0640 555 CA RM via ? w/ EE tlk, mx (Miller 9/13)
 15100 0125 444 IN RM via Vlad. w/ EE to ECNA, mailbag (Watts 10/10)
 15210 0023 343 PA RM via PK: EE nx, cmtry, // 15245 (Yajko 9/27)(Naylor)
 21750 1000 353 JPN RM via ? w/ Thai nx, orch. mx, violins (Araki 9/3)

GEORGIAN S. S. R.

11710 0102 242 FL RM via Tbilisi: Spanish to Chile (White 10/11)

KAZAKH S. S. R.

4795 1405 242 OR Naryn? w/ opera mx, RR tlk, // 4940 (Bodell 10/16)

VIETNAM

4860 1417 333 OR R. Hanoi: Viet mx, tlk, (Bodell 10/16)
10040 1928 343 CA V. of Viet. w/ FF nx, 2315 Viet (Bryan 9/6)(Beal WA)

YEMEN ARAB REPUBLIC

4853 1625 322 JPN R. Sana': AA w/ oriental chants, mx (Junqua 10/4)
9780 2108* 444 ME RS: AA mx, nx, anth., // 4853 (Rogers 10/10)(Bodell)

YEMEN, P. D. R.

7190 2143 434 MS DYBS, Aden: AA tlk, mx ID, anth., 2200* (Estes 10/4)



OCEANIA

AUSTRALIA

4920 1100 333 NY ABC Brisbane: EE ID, nx, mx (Tannenwald 9/15)(Shaw PA)
 5995 1125 333 PA RA (L): EE nx, mx, ID (Shaw 9/16)(Pecenka IN)(Estes MS)(Yajko PA)(Miller CA).....
 6005 1303 333 MS RA (L): EE nx, mx, // 5995 (Jones 9/25)(Pecenka IN)
 6090 0900 222 JPN ABC Sydney: EE w/ National nx (Wakisaka daily)
 6140 1307 242 MS ABC Perth: EE sprts nx (Jones 9/25)
 7220 1255 222 IN RA (S): EE pop mx to PNG (Pecenka IN)(Miller CA)
 7235 1149 333 PA RA (S): Indo w/ ID, "Waltzing Matilda" (Earhart 9/30)
 7240nf 1510 333 ENG RA (C): EE cmtry, mx, ex 7215, // 6005 (Sapsford 10/3)
 7290 0859 454 FL RA (S): EE ID, pop mx, freqs (Smith 9/14)(Shaw PA)
 9515 1210 434 WI RA (S): EE nx (Woltman)(Smith FL)(Miller CA)(Pecenka)
 9535 2200 332 WI RA (S): EE nx to SEA (Zilmer 9/9) Shepparton listed
 9540nf 1500 343 ENG RA (S): EE pgrm, ex 9770 (Sapsford)(Zilmer)(Pecenka)
 9560 1302 222 IN RA (C): JJ w/ nx (Pecenka 10/3)
 9570 0718 444 VA RA (S): EE nx, ID (Gross 10/8)(Miller CA)(Watts IN)
 9580 1230 555 ONT RA (S): EE nx, mx (Garner)(Yajko PA)(Kukan NJ)(Pecenka)
 9610 1100 443 JPN ABC Perth: EE nx, mx, IDs, sprts (Tsukamoto 9/11)
 (Bryan CA)(Pecenka IN)(Jones MS)(Watts IN)(Thompson)
 9660 0841 333 VA ABC Brisbane: EE sprts nx by OM (Gross 10/11)
 9695 0800 333 FL RA (S): Indo w/ IS, EE ID (Smith)(Naylor CA)
 9760 0935 444 CA RA (S): Pidgin w/ island mx, 1000* (Miller 9/20)
 9770 1230 333 IN RA (S): EE nx, mx (Pecenka 9/28)(Naylor CA)(Zilmer WI)
 11780 0348 353 PA RA (S): EE tlk, orch, mx, ID, freqs (Earhart 9/12)
 11800 1500 444 ENG RA (?): IS, ID, EE nx, this date only (Sapsford 10/2)
 11810 1305 242 IN RA (S): JJ nx, tlk, mx (Pecenka 10/3)
 11820nf 1500 333 ENG RA (S): IS, EE ID, nx, ex 11965 (Sapsford 10/3)
 11870 0530 554 CA RA (?): EE nx, mx (Arnold 9/27) unlisted, reb.
 15160 0633 243 CA RA (L): EE w/ pop mx, annx (Miller 9/29)
 15320 0240 443 SC RA (S): EE "DXers Calling" (Lordo 9/18)(Garner ONT)
 (Kukan NJ)(Pecenka IN)(Watts IN)(Earhart PA)(Thompson)

adio Australia Box 428G Melbr Jrne, 3001, Australia.

NEW CALEDONIA

7170 0735 222 VA R. Noumea: French tlk, IDs, mx, 0801 nx (Gross 10/9)
(Crabble ID)(Bryan CA)(@ 1048 Yajko PA).....

NEW ZEALAND

6105 0915 222 NJ RNZ: "Arthur Cushen's DX World", National Svce ID
 (Kukan 10/3)(Perry QUE)(Gross VA)(Miller CA).....
 9540nf 0600 333 FL RNZ: ID as "2YA Wellington", TC, freqs (Smith 9/15)
 11705 0630* 343 CA RNZ: nx, wx, freqs, bird call IS (Miller 9/29)(@ 0314
 Crabble ID)(Earhart PA)(Garner ONT).....
 15130 0452* 343 CA RNZ: EE ID, IS (Bryan 9/5)(@ 0100 Shaw PA)

PAPUA NEW GUINEA

2428 0905 232 CA R. New Ireland: US pops, YL annx in Pidgin (Sparks 10/9)
 2450 0910 353 CA R. West. Highlands: Pidgin tlk by OM (Sparks 10/9)
 3322 0900 333 CA R. Bougainville: local mx w/ flute, Pidgin tlk (Sparks)
 3335 0935 444! MS R. East Sepik: EE/Pid. tlk, ID (Estes 9/21)(Jones MS)
 3905 0950 343 CA R. Manus: EE/Pid. ID, TC for 8, requests (Sparks 10/3)
 3925 1215 222 WA NBC: EE w/ crch. mx, 1230 nx, NSB QRM (Beal 9/21)
 4890 1229 443 MS NBC: EE/Pidgin w/ "Late Night Show", nx (Jones 9/25)
 (Tannenwald NY)(Gross VA)(Bryan CA)(Yajko PA)(Miller)

SOCIETY ISLANDS

11815 0330 222 CA FR3/R. Tahiti: island mx, French tlk (Brookwell 10/2)
 11825& 1600+ --- -- RT: FF/Tahitian tlk, island mx to 0730* (Pecenka IN)
 15170 (Dutkowski BC)(Earhart PA)(Shaw PA)(Miller CA), etc.

ADDITIONAL SITES - As a couple of our more observant Indo xperts have pointed out, we inadvertently left out an old friend, BUKITTINGGI, Sumatera, from our Indo map and sites list. Its coordinates are(0.19S, 100.22E).....

BURMA - Victor, Goonetilleke, Sri Lanka, notes that Rangoon has activated its 3rd xmttr, on 5975, // 5039, (0930-1600).....via Numero Uno.....

CAMBODIA - Dan Jamison, Ohio, noted Phnom Penh on 4908 at 1150, relaying? Beijing's HS 1 prgm, // 4915 (Nanning)!.....via Numero Uno.....

INDONESIA - A note from RRI Gorontalo to John Campbell, Australia, indicates that they hope to close down 4900 soon and replace it with a 10 Kw. Harris xmttr on 3925, indicating that not all new xmttrs will be on MW.....via NU....

IRAN - R. Iran (HS) sked in Farsi 1s: (2030-0230) on 9022, 9765, 15084; (0430-0630) on 15315; (0630-0900) on 15084, 15315, 17730; (0900-1330) on 15084, 15135, 15315, 17730; (1330-1530) on 11930, 15084, 15315 (to 1430), 17730; (1530-2030) on 7215 (to 1800), 9022 (to 1725), 9689, 11930, 15084, 17730 (to 1730).BBCMS

IRAQ - R. Baghdad (HS) has this sked: the main prgm in AA (0228-2320) uses 3952, 6095, 6155, 7180 or 7195, 2635, 11785, 17730 at various times; "Voice of the Masses" in AA 1s (0228-0800, 1000-1600) on 7230, (1600-2320) on 3952, 7230; the Kurdish prgm is (0228-0855, 1230-2200) on 3243, 6030; Syriac prgm 1s (1400-1600) on 3195; and the Turkmen prgm is (0900-1230) on 3243, 6030..BBCMS

JAPAN - Winter sked for RJ shows changes in the Regional Svces to No. Amer. NA 1 on 9525, 11800 (replace 11705, 15300); NA 2, 11840 replaces 17725.....

LEBANON - Beirut's Dom. Svce has been noted on 11800 (1600-2100+).....BBCMS

MONGOLIA - Ulan Bator's Home Svce has this sked: HS 1: (0100-1100) on 7261, 11856, (2200-1500) on 5053, and 4080, 4763 (not 0100-1100 or 1420-1500); HS 2: (0855-1100) on 5960, 6383. The Ext. Svce 1s: (1100-30) in Mandarin on 7236, 7261; (1200-50) in EE (not Su.) on 5960, 6383; (1300-30) in Mandarin, (1330-1400) in Mong. (Russian on Mon.), both on 7236, 7261; (1335-1400) in Russian on Fri., on 4080, 4763, 5053; (1400-25) in Mandarin, (1430-55) in Mong., both on 7236, 7261; (1715-45) in EE (not Su.) on 9574, 11858; (1945-2015) in French (not Su., Mon., Thu.) on 17788, 17860; (2100-25) in Mandarin on 7236, 7261....

NEW HEBRIDES - The Clandestine sta., R. Tanafo (Nagriamel Party) is back on air. The freq. varies from 3983-94, usually ar. 3989, 0900*v..John Campbell, Australia in NU

PHILIPPINES - R. Veritas has this sked (freq changes may occur in Nov.): (2200-2300) in Viet on 9670; (2300-30) in Indo on 9670, 15280; (2335-0000) in Thai, (0000-30) in Sinhala, (0030-0100) in various langs, (0100-0200) in EE, (0200-30) in Tamil, all on 11725, 15280; (1130-1200) in JJ, (1225-55) in Indo, (1300-30) in Thai, (1330-1400) in Sinhala, (1400-1500) in EE, and (1500-30), all on 9610, 11800.....Bob Padula, RA's DXers Calling, 10/18


SAUDI ARABIA - Holy Qu'ran Sta., is now on 15405 (ex 21590) for (1400-1700)

SINGAPORE - An article in London Daily Telegraph, 10/1, says move to Singapore of BBC's Far East Relay will be completed by Spring 1979; the new site at Kranji will have 8 xmttrs.....Alan Thompson, UK, via NU.....

SOCIALIST REPUBLIC OF VIETNAM - Ho Chi Minh City's (Saigon) Domestic Svce in Viet is (2200-1605) on 6165, 9620.....BBCMS.....no longer on 4877, 7245?

SRI LANKA - Adventist World Radio uses the facilities of SLBC on Sundays: (0300-0400) in EE on 9720, 15425; (1345-1400, 1430-45) on 7190, 9720, 15425, w/ Adrian Peterson's "R. Monitors International" @ 1350...RA's DXers Calling 9/28

YEMEN/SANA' - RS on new 7265 (ex 7235), (0300-0700, to 1000 Fri., and 1100-2200).....BBCMS.....a reminder that all BBCMS items are copyright.....

Where did everybody go? Our reporters list dropped from 72 last month to a meager 47 this time! Anyway the quality of DX continues to improve, and we didn't even have room for Clandestines and unids like we thought we would. We'd like to see the rest of you back next month, okay? Welcomes (and welcome backs) this time around to: Jim Bryan, Donald Dutkowski, Tom Hall, Bob Lordo, John Rogers, Masato Tsukamoto, and Wendell Vogel. We'll be back again before you know it. Until then, bountiful DX and 73,  10/23/76

WORLD SERVICE STATION SKEDS

PROGRAMMI

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

BULLETIN DE PROGRAMMES

Editor:
LARRY TALBOT
N84 W15119 Knoll Terrace
Menomonee Falls, WI 53051

ENGLISH SERVICE

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

ANTIGUA relay for Deutsche Welle effective Nov. 76.

GG to SA	0600-0950	6100
	1200-1220	15185
GG to NA	0400-0520	9545
	1330-1350	9605
SS, to SA	0230-0350	11765
	1000-1130	9735
	2300-0030	9590
PP to SA	0030-0105	9590
	1000-1035	6145
	2130-2300	9590
EE to NA	0130-0150	6040
	0530-0550	6065
	1300-1320	9605

Thanks to my neighbor John Trautschold for this info which came one day late to make it into SPEEDX-GRAM. If you would like to have advance info like this be sure to subscribe to the GRAM. Write HQ for info.

AUSTRALIA has this EE to NA sked 1100-1300 9580 from Shepparton 50kW 0100-0300 15320 & 17795 from same. Yajko.

R. BRUNET, N. Borneo, has EE svc @ 2258-0030, 0300-0500, 1200-1430 on 7215, 10kW from Berakas. They also use 4865 for other lang.

Robt. Lordo heard this sked for R. BANGLADESH on R. Australia DX pgm EE to SEAsia 0445-0515 21685, 17890 15400. 1230-1300 15270, 11890 to Europe.

BELIZE is on the air 1200-0510 on 3300. Transmitter is 1kW. Orr.

Transmitters carrying R. AUSTRALIA general sve in EE according to BBC MS.

0001-0030	15240, 15160
0030-0100	15415, 15355, 15240, 15160, 15140
0100-0300	17870, 17795, 15415, 15355, 15320 (to 0245) 15240, 15160, 15140, 11790 (from 0130) 11780.
0300-0400	17870, 15415, 15355 (to 0330 Sa Su) 15240, 15160 15140, 11790 (to 0330 Sa Su) 11780.
0400-0700	17870, 15415, 15355, 15290 (to 0530) 15240, 15160, 15140 (to 0600) 11845 (to 0530) 11700 (to 0600) 9515 (from 0630).
0700-0800	17870 (to 0730) 15415, 15355 (to 0730) 15240 (to 0730) 11785, 9570, 9515, 5995.
0800-1000	11785 (to 0900) 9570 (to 0900) 9560, 9515 (to 0830) 7290, 6005, 5995.
1000-1100	9770, 7290 (to 1030) 7220, 6005, 5995.
1100-1400	9770, 9580 (to 1300) 9515 (1130-1300) 7220, 6005, 5995.
1400-1500	9770, 9515, 6005 (from 1430)
1500-1730	11965, 9770, 7215, 6005
1730-1800	Transmission break.
1800-2000	11725, 9580, 9540, 6045, 5995.
2000-2100	11725, 9730, 9580, 9540
2100-2200	15160, 11790, 11725, 9580, 7290, 7240.
2200-2300	15240 (from 2230) 15160, 11790, 9535, 7290, 7240 (to 2230)
2300-2400	15240, 15160, 11790 (to 2330) 7290.

RCT CANADA has the following changes in their EE sked. 0100-0130 on 9535 & 5960. Both are 250kW. 0200-0230 9605 250kW, 6000 50kW. 0300-0330 9655 & 6000 50kW. 9605 & 5960 250kW. 0400-0430 9655 50kW, 5960 250kW.

The Northern Svc which may also contain some FF & Eskimo is as follows. 0000-0600 9625 & 6065 250kW. 1130-1400 9625 & 6065 250kW. 1400-2300 11720 & 9625 250kW. 2300-0000 9625 & 6065. " Nebron.

Voice of CHILE has EE @ 1030, 1150, 1310, 1430, 2030, 2250, 0110, 0210, 0310. Pgm length apparently 20 min. VOC was heard on 11810 by Zilmer. Other freq used by R. Nacional are 6190, 9565, 15150. Arnold, Earhart.

R. Prague CZECHOSLOVAKIA has EE to Afr & Asia @ 1530-1625 & 1730-1825 on 6055, 7345, 9605, 11990, 15110* 17840 & 21670. *Not used 1730-1825. Lordo.

CZECHOSLOVAKIA (cont)

EE to Europe 1630-1657 on 5930 & 7345
1900-1927 on 5930, 7245, 7345
2000-2027 on 5930 & 7345
2130-2200 on 6055. Pimblett.

DENMARK has only Danish to NA but all
pgms s/on w/EE announcement. 1200-1245
& 1600-1645 on 15165. Kukan & Orr.

HCJB ECUADOR lists some minor changes
to their EE to NA. They now use all
three freq (6095, 9560, 11915) for
the entire segment 0040-0700.
EE to SA @ 1230-1630 on 15160.
To S. Pac @ 0500-0930 on 11915.
0700-1045 on 9745. 0830-1045 on 6130.
EE to Eur: 0700-0830 6130 & 9760.
1730-1800 15310 & 17780. Yajko
1900-2030 15300 & 11845. Watts

FINLAND has added 11755 to 15110 for
their bdcst of EE to NA 1330-1400 &
1430-1500. They have also added a
segment @ 0330-0400 on 6120. They also
bdcst to SE. Eur & MidEast on 11755 &
W Eur & W Afr on 9550 @ 1900-1930.
To Eur on Sa & Su @ 0930-1000 on 9550
11755, 15270. Good to 3/6/77. Brooks.
Smith.

FRANCE International Pgm for NA
1200-1700 on 17780, 15440, 15265
normally in FF but bdcasting some
EE portions also. RFI gives these
freq for the 1600-1700 segment:
11730, 11745, 11845, 15155, 15200
15210, 15300, 17720. Cawthorne,
Earhart, Smith, Brooks.

BBC MS lists Greek/EE pgms for
Voice of GREECE to Australia
0900-0950 on 15345 & 9530.
Japan 1000-1050 15345, 11760.
NA 1200-1250 17830 15345.
NA 1500-1550 17830, 15345, 11760.

Deutsche Welle, GERMANY, has changed
their sked to NA. Here is what Bob
Lordo picked off the air. 0130-0150
6010, 6075, 6100, 9565, 9605, 11865.

Tony Orr sends this sked for GRENADE.
2205-0230 on 3300. 1545-1800 on 9550.
1945-2200 on 15105. The last freq was
logged last mo. w/EE in U.S. & U.K.

ISRAEL Broadcasting Authority has this
sked to NA in EE/FF(EE usually 1st 1/2)
0500-0530 on 5900, 7412 1/2, 9815 //
12045 to NZ.
1200-1300 on 15100, 15485, 17685 //
15465 to Asia & 11655 to W. Europe.
2000-2055 on 7412 1/2, 9815 // 9009 &
9425 to Africa.
2200-2300 7412 1/2, 9815, 11625, 9435.
The last freq beamed to SENA & Carib.
From Larry Magne via Trautschold.

Received Radio JAPAN skeds from
Wilson, Mullen, Rogers, Brooks
& Hechenlively.

JAPAN

EE to NA 2345-0045 on 11705 & 9525
0130-0230 on 17825, 11725
15195, 11960
EE to MidEast & N Afr. 2015-2045 on
7250 & 9700.
EE to Eur. 0800-0830 on 15325, 15430
1830-1900 on 9605 & 7195
EE to Australia & NZ 0930-1030 On
15235 & 11875.
EE to SEAsia 1115-1145 on
11875 & 9635.
EE to S.Asia & Afr.
1630-1700, 7250 & 9670.

R. KOREA is sending this
sked listed as temporary.
EE to NA 0400-0430, 100-1030, 1530-
1600, 1800-1830. 11860, 9640, 7150.
EE to LA 1000-1030 on 9640.
EE to Eur. 0200-0230, 1130-1200,
2000-2030. 11860, 9640, 9600, 7150.
EE to SEAsia. 2300-2330 on 9640,
9600, 7150. Donna Boyer, Bob Yajko.

Here are some freq for R. MALAYSIA
as they appeared on a QSL to Greg
Watts. All are HS except VOM.
Kuala Lumpur 4845, 5965, 6025,
7110, 9665, 9515.
Penang 4985, 7295, 7200, 9710.
Kuching 4835, 4950, 5030
7160, 7270, 9535.
Kota Kinabalu 5980.
Voice of Malaysia 6175 11900 15290.

For those who know FF here is a
sked for MALI. Su thru W 0600-0800
1200-1430, 1800-2400. Th 0600-2400.
Friday 0600-0800, 1200-2400 and on
Sat 0800-2400. The Freq & xmtr are
4783, 4835 18kW Matin Ef Soir
5995 50kW " " " "
7110 50kW Midi Magne
7285 18kW " via
9635, 11960 50kW " Trautschold

BBC MS states Ulan Bator MONGOLIA
has EE (ex Su) @ 1220-1250 on 6383
& 5960 & @ 1715-1745 on 11858, 9574

R. Nederland has EE to NA 2130-2250
on 11730L, 9715L. 0200-0320, 6165B.
0500-0620 on 9715B & 6165B. On Sun'
they use the Happy Station format
& the 2130-2250 segment is in SS.
L=Lopik, NETHERLANDS. B=Bonaire.
Rogers.

Tony King, moderator of MAILBOX on
R. NEW ZEALAND sent the following.
6080 has been re-activated and is
being used to bdcst beyond the normal
close @ 1030 especially when
carrying sporting events. Tony also
reminds us that Arthur Cushen's DX
World pgm is now on 1st Su/mo 1015.
MAILBOX is aired on the 3rd Su/mo.
Tony would like to point out that
MAILBOX is also a DX pgm but one
that elaborates a little more on
the person writing to RNZ. (cont)

NEW ZEALAND (cont)

He hints that a report which contains some info about the writer which may be of interest to other listeners might just get answered before the one containing only time, freq, sinpo etc. Tony would also like to place some overseas calls to writers to be used on the pgm. Sounds great so lets get some letters to Tony & see if a SPEEDX member can be one of the first called. 6105 has been their main freq but RNZ has also been hrd on 6080, 9585, 11705 & 15130.

Voice of NIGERIA has EE to Afr, Mid-East & Eur. @ 0655-0835, 1530-1700, 1800-1930 on 7275 & 15120. BBC MS.

Lippoldt via Earhart advises that POLAND can be heard in EE 0200-0300 on 6185. Polskie R. has EE to Eur. 0630-0700 9675, 7285, 7270
1200-1230 9540, 7285
1600-1630 9540, 7285, 7125, 6095
1830-1900 9540, 7285, 7125, 6095
2030-2100 9540, 7285,
2230-2300 7285, 7270, 6135, 5995, 3955
Pimblett, Rogers.

Ken Earhart reports that contrary to reports in Sweden Calling DXers #1935 PORTUGAL is still using 6025 & 1935 as reported here last mo. 0230 & 0500

RBC RHODESIA has a general svc in EE 0355-2200 (M-Sa) 0500-2110 (Su). Freq 6020 100kW (0645-1500)
5012 100kW (0600-1545)
3396 100kW (0350(0500 Su)-0600, 1515-2200 (2110 Su)).
2425 20kW (0350-0430 (not Su) 1700-2200 (2110 Su)).

Transmitters located @ Gwelo. In the Afr. svc they have EE nx @ 1000, 0400, 0500, 1115, 1400, 1600, 1745, 1900 & 2000. Freq are 5975, 4829, 3306 & 2336. 100kW except 2336 which is 10kW. All from Gwelo. BBC MS.

R. Bucharest ROMANIA is indeed using the sked as shown last mo. Robert Hechenlively monitored the 0130-0230 pgm & the freq were given as 5990, 6155, 6190, 9570, 9690, 11775, 11940.

R. SOUTH AFRICA sked of EE to NA shows 2226-2320 on 11900, 9585, 5980. To E.Afr 0256-0426 on 3995, 5980, 7270 Other Afr. 0611-0705 15220, 11900. 1056-1158 21535, 15220, 11900. 1300-1550 same. 1556-1650 21535, 11900, 7270. 2056-2150 W. Afr & Eur. 11900, 9585 7270, 5980. Kukan, Yajko.

RTVE SPAIN EE to NA 0100-0400 on 6065 & 11880. EE to Eur. 2030-2230 On 6100 9505 & 9580(to 2130). Colin Perry.

Voice of TURKEY has EE to Eur & NA 2200-0030 on 11880 (250kW) & 9515 (100kW). From Don Dutkowski who says be sure to catch "From Anatolia with Love" pgm on Su. DX pgm on daily.

According to BBC MS RR pgms heard on 4050 from 0030-1500+ are local & Moscow domestic relays Bdcst from Nalchik, not heard since 1973.

Greg Watts heard this sked on Radio Vilnius, LITHUANIAN SSR. 2230-2300 7135 7165 7190 7290 7310 7355 7390. 0030-0100 7165 7290 7320 7355 9685. Lith. daily. EE Sa/Su.

VATICAN has changed its bdcsts to Eur (incl EE) to 1330-1530. BBC MS.

Voice of VIETNAM is using 6165 & 9620-2200-1605 in Viet. BBC MS. Here is as much of Jon Cohen's VOA sked that room permits.

Freq.	Time	kW	Target
<u>MUNICH</u>			
3980	0245-0700	8	Europe
3980	1630-2200	8	Europe
5965	1545-1900	100	Europe
6005	1730-0330	100	RIAS
6110	1700-2100	100	AF
6140	1830-2200	100	USSR
6150	0230-0500	100	USSR
6195	2100-2200	100	Europe
7290	1545-2100	100	USSR AF
9620	1340-1630	100	Europe
9680	0530-0800	100	AF
9770	2130-2200	100	Europe
15205	0600-0730	100	AF
<u>BERLIN</u>			
6005	0330-1730	100	RIAS
<u>COLOMBO</u>			
7105	0045-0330	10	AS
7110	1245-1800	10	AS
9520	1245-1800	35	AS
11715	1500-1800	35	AS
11745	0100-0330	35	AS
11935	1300-1500	35	AS
15185	0045-0330	35	AS
<u>OKINAWA</u>			
6010	1100-1500	15	AS
6075	2130-2200	35	AS
7165	1045-1500	35	AS
7255	1035-1600	100	China
9560	2100-0030	35	AS, China
11830	2145-0030	100	China
11965	2230-2300	35	AS
<u>RHODES</u>			
5965	0400-0600	50	ME
6015	1610-2200	50	ME AF
6070	0200-0400	50	USSR
7110	0345-0600	50	ME
7205	1630-2115	50	ME AF
11805	1400-1500	50	USSR
<u>ASC ISLE</u>			
15195	0945-1400	250	Brazil
17830	0945-1400	250	Brazil

That's all the room we have. I think Jon will do another one for the next sked which is due out shortly. Many new skeds should be out again this mo. so keep your ears sharp & your mailbox clear. Reminder that BBC MS items are copyrighted & may not be reproduced. See you next month. 73 Larry

UTILITY REPORT



EDITOR:

KEN COMPTON
7 MOUNT VERNON STREET
BRIGHTON, MA 02135

Deadline: 15th of the month

QSLS

ALASKA: NOX USCG Adak 8465. PFC in 2m for 2 IRCs air (Koizumi-JAPAN)
AUSTRALIA: VIS6 OTC Sydney 17161.3. Earth Sta cd 35d air for IRC (Raiford)
AZORES: GSY Santa Maria Aeradio 5611.5. Cd 23d air for IRC (Compton-MA)
BAHRAIN: A9M C&W Bahrain. F/d PFC & C&W cd 1m air for 2 IRCs (Koizumi-J)
CHILE: CCS Navy Santiago 6482. F/d except time SS ltr 18d for ms (Walters)
DENMARK: OX24 Lyngby R. 8598. F/d tower cd 83d air for 2 IRCs (Walters-NJ)
GREENLAND: JTC Godthaab 14900. F/d cd & pers note 40d air for IRC
(Butterfield-MA)
HAWAII: NMC USCG Honolulu (Freq ?). PFC, ltr, & sta brochure 7d for ms.
(Gebhardt-IA)
WVWH Kauai HI 15000. F/d Aloha cd 41d air for ms (Cohen-NJ)
HONGKONG: VCLMET 8904. Ltr 11d (PFC unreturned) for IRC (Trochimczyk-DC)
SO. AFRICA: ZSD Durban R. 3576.5 f/d cd 11m air for IRC (Trochimczyk-DC)
TURKEY: AJO Incirlik AFB 10770. Cd 1 year air for IRC (Trochimczyk-DC)
SPAIN: EHY23 20570 CTNE Pozuelo del Rey F/d pc 9m for IRC (Trochimczyk-DC)
U.S.A.: GULL Monitor, Homestead AFB FL Freq-? Hurricane Hunters ltr 10d
for MS (Gebhardt-IA)
KSF70 Oakland Aeradio 5519. PFC 7d for ms (Trochimczyk-DC)
USCG Caribou Test Facility ME 9273.5. PFC 13d for ms. 1kw. (Chabak-CO)
Address: USCG Loran-C Test Facility PO Box 809 Caribou ME, 04736
KFX Astoria OR Marine Op 2598. PFC 15d for ms (Trochimczyk-DC)
KOE Eureka CA Marine OP 2506. PFC 14d for ms (Trochimczyk-DC)
WOO Manahawkin NJ ATT 17645. PFC, Bell overseas R/T cd ms (Smith-FL)
SHIPS: NJPJ USCGC "Reliance" (Freq, Jim?). PFC, ltr, ship brochure in 21d
for ms. (Gebhardt-IA)
NARV USS "Yosemite" destroyer tender 2716. PFC 26d for ms (Chabak-CO)
NRLT CGC "Resolute" 2636. PFC in 272d for ms. 1/2kw. (Chabak-CO)
NJQM USS "Exultant" minesweeper 2716. PFC 9d for ms. 35w. (Chabak-CO)
NTR USS "Dupont" destroyer 2716. PFC 212d for ms. (Chabak-CO)
NLKL CGC "Westwind" 4396.8. PFC 19d for ms. 1/2kw. (Chabak-CO)
NHRW CGC "Midgett" 6521.8. PFC 24d for ms. 1kw (Chabak-CO)
NJVF USS "Forrestal" carrier 2716. PFC 9d for ms. 100w. (Chabak-CO)
NUHC CGC "Decisive" 6521.8. PFC 14d for ms. 600w. (Chabak-CO)
AIRCRAFT: GULL 20 Hurricane Hunter, Keesler AFB. (Freq, Jim?) PFC, ltr
info packet & plane photo in 5d for ms. (Gebhardt-IA)

Sender: Coastal Radio Station-Durbanradio.

Post Office, Pinetown Natal 3600

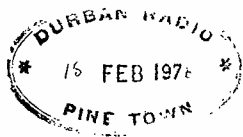
Republic of South Africa.

We confirm your reception of our Radio transmission
dated 16/11/1975 at 17.30 gmt. QRG 8576.5 kHz.

Mode: A1. Transmitter power: 2 kw. Antenna:

Vertical folder diopole - omni directional.

QTH 29°48'15" South 30°48'58" East.



Belen Kurnson
HEADQUARTERS
COMMUNICATIONS
DURBAN RADIO

Thanks to Juergen Trochimczyk-DC

LOGGINGS

NORTH AMERICA

ALASKA:	5703	0505	AKA Elmendorf AFB OM EE tfc USB (Chabak-GO)
	6524	0456	NOJ USCG Kodiak YL bulletins USB (Cook-MN)
	6738	0156	AKA Elmendorf AFB wkg MAC 50237 USB (Cook-MN)
CANADA:	2582	0125	VFN DOT Montreal V mkr CW (Brick-MA)
	2600a	0415	VCS DOT Halifax YL EE marine wx AM (Brick-MA)
	3286	0435	CKN Vancouver Military NAWNS V mkr CW (Watts-IN)
	3330	0300	CHU Nat. Research Council Ottawa OM EE/FF time checks EST AM (Garner-ONT)
	5098a	0327	GPH Navy Ellerhouse NS NAWNS V mkr CW (Watts-IN)
	6442.5	0047	CKN Vancouver Military V mkr CW (Garner-ONT)
	6491.5	0520	VCS DOT Halifax CQ mkr CW (Brick-MA)
	6753	0134	CHR Trenton Military OM EE wx USB (Pecenka-IN)
	6694	0141	CJX St. Johns Mil N'dld. OM wx SSB (Watts-IN)
	6753	0344	CHR Trenton Mil ONT OM EE wx USB (Cook-MN)
	8770.4	0218	VCS DOT Halifax NS OM EE CG wx bcst USB (Cook-MN)
	15036	1930	CHR Trenton Military OM EE wx USB (Beal-WA)
	14966	1710	Gander Aeradio test w/Santa Maria (Denissen-HOL)
GREENLAND:	14447.5	1538	GTO Godthaab YL EE/Dan info vm SSB (Denissen-HOL)
U.S.A.:	2020	0550	KOU San Pedro Marine Op tfc SSB (Owsley-CA)
		1005	Seattle-Tacoma Terminal OM EE wx AM (Beal-WA)
	2500	0206	WWV Nat. Bureau Standards time AM (Garner-ONT)
	2670	0421	NMB USCG Charleston SC marine wx AM (Brick-MA)
		0440	NMF USCG Boston OM EE wx bcst USB (Gebhardt-IA)
			YL EE marine wx bcst AM (Brick-MA)
		0530	NMQ USCG Long Beach CA wx bcst AM (Owsley-CA)
		0556	NMG USCG New Orleans wx bcst AM (Owsley-CA)
		0605	NMO USCG Honolulu HI wx bcst AM (Owsley-CA)
	2675	0532	NMK USCG Cape May NJ wkg CGC "Dallas" (Cook-MN)
	3120	0035	KSF70 Oakland VOLMET OM EE aviation wx(Arnold-CA)
	4393.4	0328	NMF USCG Boston OM EE wkg Ocean Station Hotel AM (Brick-MA)
	4396.6	0306	NMF USCG Boston OM EE wkg CGC "Westwind" USB (Brooker-MI)
	4553	1100	VOA Dixon CA Vietnamese feeder to SEA SSB (Pecenka-IN)
	5000	0218	WWV NBS Ft Collins CO OM EE propagation ex (on again) AM (Garner-ONT)
	5560a.	2335	KSF70 Oakland CA VOLMET aviation wx AM(Arnold-CA)
	5610	0411	WSY70 NY Aeradio OM EE wkg Mexico 450 USB(Cook-MN)
	4721	0135	AFA Andrews AFB MD wkg SAM30378 LSB (Cook-MN)
	5688	0421	AFE8 MacDill AFB FL YL wkg acft USB (Cook-MN)
		0311	AFE8 MacDill wkg Allen Ø2 Boeing Test Flight SSB (Watts-IN)
	5870	0353	NAR USN Key West LCMP multicall V mkr CW(Watts-IN)
	5988	0310	AFC31 McGuire AFB NJ acft emergency tfc USB(Beal)
	6210.4	1337	NMN USCG Portsmouth VA wkg CGC "Courageous" USB (Brooker-MI)
	6390.5	0640	WNU TRT Slidell LA CQ mkr CW (Trubee-HI)
	6500a	0313	NMN USCG Portsmouth VA wkg NMA SSB (Brick-MA)
		0507	NMC USCG SanFran CA wkg NMO SSB (Brick-MA)
	6727	0547	AFG37 Scott AFB IL wkg MAC60196 USB (Cook-MN)
	6756	1350	AFA Andrews AFB MD OM EE wkg acft USB (Brooker-MI)
	6521.8	0129	NMC USCG San Francisco wkg NVES USB (Gebhardt-IA)
	6738	2200	AFE8 MacDill AFB OM EE wkg LYØ7 USB (Gebhardt-IA)
	6521.8	2220	NMF USCG Boston YL EE clg Ocean Sta Hotel(Gebhardt)
		2315	NMA USCG Miami wkg "Northwind" USB (Gebhardt-IA)
		0055	NMN USCG Portsmouth VA OM EE wkg NCRG (Gebhardt-I)
	6715	2332	AFL Loring AFB ME OM EE wkg acft USB (Cook-MN)
	6738	0215	AFG37 Scott AFB IL wkg "Unit 67" USB (Pecenka-IN)
	6873	0245	VOA Greenville unk lang feeder SSB (Watts-IN)
	7380a	1325	AT&T Dixon CA OM EE vm SSB (Miller-CA)
	8209a	2020	RCA Pittsburgh OM EE tide info & wx SSB (Cohen-NJ)
	8466	1336	NOE USCGAS Rockland ME ID mkr CW (Cook-MN)
	8666	0926	KLC ITT Galveston TX CQ mkr CW (Trubee-HI)
	8686	0912	WMH RCA Baltimore MD V mkr CW (Trubee-HI)
	8754	0100	WOO ATT Oceangate R. Manahawkin NJ OM EE tfc & wx AM (Pecenka-IN)
	8760.8	0527	NMN USCG Norfolk VA marine wx SSB (Owsley-CA)
	8790	2248	WOM ATT Ft Lauderdale FL wkg WZH4371 (Pecenka-IN)
	8792.8	0113	WOM ATT Ft Lauderdale FL clg ship SSB(Cohen-NJ)



8792.8 0113 WOM ATT Ft Lauderdale FL clg WX8505 SSB (Cohen-NJ)
 8868 2240 WSY70 NY VOLMET YL EE aviation wx AM (Pecenka-IN)
 8989 2230 AFI McClellan AFB CA YL EE wkg AF792 USB (Pecenka-IN)
 0125 (Gebhardt-IA)
 8993 0112 AFE8 MacDill AFB Tampa FL wkg Emil 30 USB (Cook-MN)
 9278.6 0340 USCG Loran Test Facility Caribou ME clg Bermuda Mon-
 itor OM EE USB //5314.5 (Chabak-CO)
 10000 0113 WVVH NBS Kauai HI YL EE time AM (Garner-ONT)
 10093 2027 ARINC NY OM EE test USB (Olsson-CT)
 12022.5 2148 KKN50 State Dept Wash DC clg KU020 CW (Cook-MN)
 13272 2050 WSY70 NY VOLMET OM EE Aviation Wx best AM (Raiford)
 15000 1948 WVVH NBS Kauai HI YL time OM wx AM (Pecenka-IN)
 13655 0120 NMO-USCG Wahiawa HI wx best CW (Cook-MN)
 15540 1957 KKN50 State Dept Wash DC QRA mkr CW (Raiford-FL)
 12934.5 2315 NMF USCG Boston MA V mkr CW (Denissen-HOLLAND)
 12970.5 2303 WOE RCA Lantana FL V mkr CW (Denissen-HOLLAND)
 13038 1248 KLC ITT Galveston TX CQ mkr CW (Denissen-HOLLAND)
 18625a 1321 NPA USN Pt Arguello CA QRA mkr CW (Denissen-HOLLAND)

CARIBBEAN

BERMUDA:16949 1905 VRT C&W Hamilton V mkr CW (Raiford-FL)
 CUBA: 7812a 0235 IRTS Havana YL EE/SS vm SSB (Cohen-NJ)
 8573 0738 CLA5 EMRAIN Havana CQ mkr CW (Trubee-HI)
 11676a 1618 IRTS Havana YL EE/SS vm USB (Beal-WA)
 16095a 1640 IRTS Havana YL EE/SS vm LSB (Pecenka-IN) (Denissen-H)
 GUANTANAMO:13766a 0035 AAC&R OM EE vm USB (Beal-WA)
 HAITI: 6540 0433 Port au Prince Aeradio OM EE tfc AM (Brick-MA)
 JAMAICA:3535 0245 6YI C&W Kingston CQ mkr CW (Olsson-CT)
 MARTINIQUE:4320a 0617 FFP2 PTT Ft de France CQ mkr CW (Watts-IN)
 6800 0424 FTS Fort de France YL EE/FF vm SSB (Cohen-NJ)
 PUERTO RICO:5610 0424 WWA3 San Juan Aeradio wkg Bianca 071 USB (Cook-MN)
 10103 0030 WWL20 AAC&R Lolita OM SS/EE vm LSB (Olsson-CT)
 TRINIDAD:8710.5 0105 9YL North Post R. Tobago tfc list CW (Cook-MN)

SOUTH AMERICA

ARGENTINA:15485a 2358 Centro Internacional Buenos Aires OM SS vm USB
 (Beal-WA)
 BRAZIL:14600 2358 EMBRATEL Rio YL EE/FF OM PP vm LSB (Beal-WA)
 22353 0143 PPR DFT Rio de Janeiro V mkr CW (Trubee-HI)
 COLOMBIA:4325a 0145 HKC EMNATEL Buenaventura CQ mkr CW (Curtis-VT)
 CHILE: 4330 0625 CCS Navy Santiago V mkr CW (Trubee-HI)
 8526.5 0708 CCM Navy Magallanes V mkr CW (Trubee-HI)
 8961 2325 CEF3A Santiago QRA mkr CW (Olsson-CT)
 GUYANA:16454 1415 8RB78 C&W Georgetown OM EE vm USB (Olsson-CT)
 URUGUAY:19525 1251 CKL ANTEL Montevideo YL SS time sigs SSB (Denissen-H)

EUROPE

AZORES: 6750 0826 CUW Lajes AFB wkg MAC50265 USB (Chabak-CO)
 13278 2225 CUV USAF Lajes OM EE tfc USB (Beal-WA)
 BELGIUM:17185 1520 OST4 RTT Ostend V mkr CW (Thompson-NM)
 DENMARK:12329 2116 OVG8 Frederikshavn Flade R. V mkr CW (Raiford-FL)
 0304 (Trochimcsyk-DC)
 ENGLAND: 4336.5 0630 GKK7 BPO Portishead ID mkr CW (Trubee-HI)
 4310 1110 MTI BRN Plymouth V mkr CW (Denissen-HOLLAND)
 6362 0646 GYA BRN London slow ID mkr CW (Trubee-HI)
 6402.5 0700 GKS3 BPO Portishead ID mkr CW (Trubee-HI)
 8496.5 0702 GKS4 BPO Portishead ID mkr CW (Trubee-HI)
 12921 2121 GYA5 Whitehall Naval R. ID mkr CW (Denissen-HOLLAND)
 2125 (Thompson-NM)
 17112.8 1535 GKB BPO Portishead ID mkr CW (Thompson-NM)
 FRANCE: 4328 0015 FFL2 PTT S. Lys CQ mkr CW (Curtis-VT)
 5342.5 0225 FDY Navy Orleans V mkr CW (Olsson-CT)
 6802 0332 FPG80 FTS Paris YL FF/EE vm SSB (Watts-IN)
 6846.5 0550 FTS Paris YL EE/FF vm SSB (Trubee-HI)
 8450a 2130 HWN Navy Paris V mkr CW (Koizumi-JAPAN)
 10155a 0040 FPK5 International Network Paris OM EE/FF vm USB
 (Olsson-CT)
 13236 1600 HWN Navy Paris ID mkr CW (Cook-MN)
 GERMANY, E.:17100 1540 DHS Ruegen R. V mkr CW (Thompson-NM)
 GERMANY, W.:6475.5 0249 DAM Norddeich R. ID mkr CW (Watts-IN)
 6873.5 0245 VOA RR feeder Ismaning SSB (Watts-IN)
 8483.5 0650 DAN Deutsche Bundespost Norddeich CQ mkr (Trubee-HI)

17048.5	1545	DAF DB Norddeich V mkr CW (Thompson-NM)
17177.6	1525	DAL DB Norddeich V mkr CW (Thompson-NM)
GREECE: 3186	0240	KWS78 US Embassy Athens QRA mkr CW (Olsson-CT)
17194.4	1530	SVA OTE Athina I. R. V mkr CW (Thompson-NM)
HOLLAND:13802a	1810	PTT Amsterdam OM EE vm & weird mx! SSB (Cohen-NJ)
ICELAND:13069.5	1735	TF APTI Reykjavik CQ mkr CW (Thompson-NM)
IRELAND:13312	2025	EIP Shannon VOLMET OM EE wx AM (Cohen-NJ)
ITALY: 4320	0131	IAR MPT Rome V mkr cw (Curtis-VT)
4340a	0029	IRM Rome Medical R. V mkr CW (Curtis-VT)
16250a	0940	IDR4 Navy Rome V mkr CW (Denissen-HOLLAND)
17084	1545	IQX MPT Trieste V mkr CW (Thompson-NM)
POLAND:13616	1340	PTT Warsaw V-CQ mkr CW (Olsson-CT)
PORTUGAL:6389.5	0656	CTP NATO Oeiras ID mkr CW (Trubee-HI)
12943.5	2115	CUL7 GPRM Lisbon CQ mkr CW (Thompson-NM)
16963	1852	CUL7 GPRM Lisbon CQ mkr CW (Raiford-FL)
19814.5	0328	CUC9 GPRM Lisbon V-QRA mkr CW (Trochimczyk-MD)
SCOTLAND:11172	0308	MKL RAF Pitreavie ID mkr & tfc CW (Trochimczyk-DC)
SPAIN: 6383	0652	EAD2 EMNATEL Aranjuez CQ mkr CW (Trubee-HI)
U.S.S.R.:5000	0310	RWM Moscow time tick CW (Young-GA)
12160a	1825	Moscow R/T Sta YL EE vm SSB (Cohen-NJ)
17064a	1535	UFB Odessa R. CQ mkr CW (Thompson-NM)
YUGOSLAVIA:12780.5	1251	YUR Rijeka R. V mkr CW (Koizumi-JAPAN)
16942.5	1655	YUR Rijeka R. V mkr CW (Thompson-NM)
SORRY, OUT OF ORDER:		
ENGLAND:5793	0120	GFT26 Bracknell wkg Ocean Sta C7L CW (Olsson-CT)
MALTA: 12709	1316	9HD C&W V mkr CW (Denissen-HOLLAND)
12749	1335	GY25 BRN La Valetta ID mkr CW (Denissen-HOLLAND)
NORWAY: 8687	0915	JWT Navy Stavanger V mkr CW (Denissen-HOLLAND)
SPAIN: 13052.5	0940	EBA Navy Madrid CQ mkr CW (Denissen-HOLLAND)
SWITZERLAND:19590	0743	HET6 PTT Bern YL EE/FF/SS vm SSB (Denissen-HOL)

AFRICA


ASCENSION IS.:	8993	0158 AFE83 NASA wkg MAC40612 USB (Chabak-CO)
11176	0344	AFE83 Ascension Airways NASA wkg MAC 50270 (Chabak)
CAMEROON:15832	0915	TJF52 INTELCAM Douala YL EE/FF vm SSB (Denissen-HOL)
IVORY COAST:5775	0258	TUP57 INTELICI Abidjan YL EE/FF vm LSB (Watts-IN)
7570	0523	TUP75 INTELICI Abidjan YL EE/FF vm LSB (Chabak-CO)
8465	2005	TUA4 INTELICI Abidjan CQ mkr CW (Olsson-CT)
18426.5	0810	TUP84 INTELICI Abidjan YL EE/FF vm LSB (Denissen-HOL)
LIBERIA:5110	0122	KKN44 U.S. Embassy Monrovia QRA mkr CW (Watts-IN)
18045	1941	KKN44 U.S. Embassy Monrovia clg KWR9 & KWR96 CW (Raiford-FL) 1950 QRA mkr (Olsson-CT)
16160	0125	KKN44 U.S. Embassy Monrovia QRA mkr CW (Denissen-H)
MALI: 5770	0125	TIM Bomako YL EE/FF vm LSB (Olsson-CT)
MAURITANIA:7500a	0209	OPIPOSTEL Nouakchott OM FF/AA vm SSB (Watts-IN)
11060	0820	OPIPOSTEL Nouakchott OM FF/AA vm SSB (Denissen-HOL)
NIGERIA:20715	0909	50U99 NET Lagos YL EE vm SSB (Denissen-HOLLAND)
RWANDA: 8959	2140	Kigali Aeradio OM EE clg Khartoum Aeradio AM (Olsson)
SAO TOME:18359	1602	CQK55 CTT V mkr CW (Denissen-HOLLAND)
SENEGAL: 4294	0629	6WW French Navy Dakar V mkr CW (Watts-IN)
7557	2305	6VA97 TELESENEGAL Dakar YL EE/FF vm LSB (Olsson-CT)
16117.5	1531	6VA317 TELESENEGAL YL EE/FF vm SSB (Denissen-HOL)
S.AFRICA:4317	0135	ZSC PMG Capetown CQ mkr CW (Curtis-VT)
5000	0215	ZUO Republic Obs Clifantsfontein time sigs CW (Olsson)
6334a	0222	0410 (Trochimczyk-MD)
8566	0241	ZRQ Cape Naval R. Simonstown V mkr CW (Watts-IN)
8604	1600	ZSJ4 Cape Naval R. Simonstown ID mkr CW (Cook-MN)
16966	1850	2319 CQ mkr CW (Denissen-HOLLAND)
		ZRH Cape Naval R. Simonstown V mkr CW (Thompson-NM)
		ZRQ Cape Naval R. Simonstown V mkr CW (Raiford-FL)

ASIA

CHINA: 17103.2	2225	XSG CGRA Shanghai ID mkr CW (Cook-MN)(Thompson-NM)
22314	2253	XSG CGRA Shanghai CQ mkr CW (Trubee-HI)
HONGKONG:17040a	0105	VPS80 C&W Cape D'Aguiilar V mkr CW (Thompson-NM)
INDONESIA:8706	1315	PKC Palembang R. CQ mkr CW (Koizumi-JAPAN)
8734	1313	PKP Dumai R. CQ mkr CW (Thompson-NM)
JAPAN: 8438	0719	JOS KDD Nagasaki CQ mkr CW (Trubee-HI)
8464	0720	JOU KDD Nagasaki CQ mkr CW (Trubee-HI)
8547.5	0713	JFA Chuo Gyogyo CQ mkr CW (Trubee-HI)
8662.5	0900	JJH Kure ID mkr CW (Trubee-HI)
17040a	2020	JFA Chuo Gyogyo CQ mkr CW (Thompson-NM)

22440 0210 JOURDD Nagasaki CQ mkr CW (Trubee-HI)
 22524 0152 JFA Chuo Gyogyo CQ mkr CW (Trubee-HI)
 KOREA: 8623.5 0950 HLG MinCom Seoul V-CQ mkr CW (Trubee-HI)
 OKINAWA: 6470 0710 JCX JT&T Naha CQ mkr CW (Trubee-HI)
 PHILIPPINES: 8568 0736 DZK Ermita Caloocan CQ mkr CW (Trubee-HI)
 8577 0740 DZG Globe Mackay Las Pinas ID mkr CW (Trubee-HI)
 SAUDI ARABIA: 9867 0205 HZP986 PTT Jeddah AA/EE OM vm USB (Watts-IN) 2350
 (Olsson-CT)
 13910 1820 HZQ390 PTT Jeddah OM EE/AA vm USB (Cohen-NJ)
 SINGAPORE: 22428.5 0200 9VG55 DiTel CQ mkr CW (Trubee-HI)
 20823 0829 9VC97 TAS YL EE vm SSB (Denissen-HOLLAND)
 SYRIA: 20195 0910 YKY20 PTE Damascus OM EE/Ar vm SSB (Denissen-HOL)
 1425 (Cohen-NJ)
 TURKEY: 18745.5 1356 AJO USAF Adana OM EE vm SSB (Denissen-HOLLAND)


OCEANIA

AUSTRALIA: 7500 0613 VNG OTS Lyndhurst time sigs AM (Watts-IN)
 8223.6 0935 VM2682 experimental sta Rappville NSW clg VIS USB
 (Trubee-HI)
 8744.8 1023 VIP OTC Perth OM EE wkg GUEW USB (Trubee-HI)
 17415a 2130 AOC3 Sydney YL EE vm USB (Beal-WA)
 GUAM: 6521.8 0851 NRV USCG OM EE vm USB (Chabak-CO)
 6715 0837 AIE USAF Andersen Airways wkg typhoon chaser SWAN 22
 USB (Chabak-CO)
 HAWAII: 4050 0707 NRO USCG Loran Johnston Is. wkg NRO4&7 USB (Chabak)
 0803 NRO7 USCG Loran Kure Is. wkg NRO4 USB (Chabak-CO)

 5603 0855 KHK RCA Honolulu CM EE R. ck w/ship USB (Beal-WA)
 6788 0620 AGA Hickam AFB OM EE clg acft USB (Gebhardt-IA)
 8964 0241 AGA Hickam Airways wkg Air Evac 262 USB (Chabak-CO)
 12205 0309 NRO4 USCG French Frigate Shoals, Tern Is. OM EE wkg
 NRO USB (Chabak-CO)
 13201 2145 AGA Hickam AFB OM EE wkg a/c USB (Beal-WA)
 16978.4 1902 KHK RCA Honolulu CQ mkr CW (Raiford-FL)
 NEW ZEALAND: 16879 0125 ZLO RNZN Irirangi ID mkr CW (Thompson-NM)
 17168 0100 ZLB NZPO Awarua ID mkr CW (Thompson-NM)

UNIDENTIFIED

5456 0235 ID024/26 Italian Navy? Where? CW (Olsson-CT)
 6824 0541 "Q" beacon w/series of fast Vs ev 30 secs CW (Trubee-HI)
 7376a 0515 NXH getting phone patches via NNO5 OM EE LSB (Beal-WA)
 8632 0935 9MB2 V mkr CW (Trubee-HI)
 13012 2109 UQA4 CQ mkr "...ans 12597 pse" CW (Raiford-FL)
 17026a 2145 JMC CQ mkr CW. Is this in Tokyo? (Thompson-NM)
 19250a 1100 GWD V mkr CW. Uruguayan Navy? QTH? (Denissen-HOLLAND)
 1300 CWO V mkr CW (Denissen-HOLLAND) GWD & CWO 2356 (Cook-MN)

SHIPS

2095 0602 "Steel Forwarder" WZC5181 wkg "Steel Patriot" USB (Cook-MN)
 2678 0901 USS "Compass Island" wkg NMA USB (Chabak-CO)
 2716 0805 USS "John Marshall" clg Canaveral Control USB (Chabak-CO)
 0814 USS "Orion" clg Charleston Tug Control USB (Chabak-CO)
 4094.8 0815 NDRB USCGC "Bibb" clg NMN USB (Chabak-CO)
 4393.4 0318 4YH Ocean Sta Hotel (CGC "Taney") wkg NMF USB (Chabak-CO)
 4396.6 0300 NLKL CGC "Westwind" wkg NMN USB (Chabak-CO)
 6209a 0645 NMAC CGC "Hamilton" wkg NMA USB (Beal-WA)
 6213.5 0711 NMAC CGC "Hamilton" clg NCRG & NMN USB (Chabak-CO)
 6521.8 0120 NRTF CGC "Active" wkg NMN USB (Gebhardt-IA)
 0312 NPIN CGC "Chilula" wkg NMN USB (Chabak-CO)
 0600 NCRG CGC "Courageous" wkg NMN prior to RTTY USB (Gebhardt-IA)
 0923 NSCC CGC "Durable" wkg NMN USB (Chabak-CO)
 1330 NRFJ CGC "Northwind" wkg NMN (??????-??)
 Please put name and state on every logging.
 2225 NRDB CGC "Bibb" OM EE R. ck (with whom, Jim?) USB (Gebhardt)
 2227 NRDD CGC "Duane" wkg NMN (Gebhardt-IA)
 2315 NRFJ CGC "Northwind" wkg NMN USB (Gebhardt-IA)
 2320 NMMJ CGC "Sherman" OM EE wkg NMN USB (Gebhardt-IA)

 8210.8 1025 GUEW "Iron Kestrel" OM EE wkg VIP (Trubee-IA)
 8217 1000 9V2730 clg Singapore R. USB (Trubee-HI)
 12372 0210 "Rio Teucco" clg LPD in SS USB (Trubee-HI)
 0215 "Gina Ann" OM EE @ 125W 13N wkg KMI USB (Trubee-HI)
 16512.5 2220 "Posai Maru" OM EE tfc USB (Beal-WA)
 16568a 2115 "Trident Marine" OM EE wkg KHBA USB (Beal-WA)

AIRCRAFT

4746. 0325 Navy 274D OM EE wkg McClellan AFB USB (Beal-WA)
 5603 0850 Pan Am 45 OM EE wkg San Francisco Aeradio USB (Beal-WA)
 0900 Clipper 815 OM EE wkg San Francisco Aeradio USB (Beal-WA)
 6540 2350 Eastern 927 OM EE wkg NY Aeradio USB (Gebhardt-IA)
 0353 Argentine 390 OM EE wkg NY Aeradio USB (Gebhardt-IA)
 2356 American 688 OM EE wkg NY Aeradio USB (Gebhardt-IA)
 7581.5 0703 USCG #1345 OM EE wkg R. Guam USB (Chabak-CO)
 6740a 0550 McClellan X235 phone patch thru AFI USB (Gebhardt-IA)
 13240a 2200 LY07 OM EE wkg MacDill AFB USB (Gebhardt-IA)

TACTICAL

4363.8 1530 PICKLE OM EE code tfc w/SAWYER USB (Cook-MN)
 4377 0703 DUNKIRK USN Lualualei HI wkg Toreador USB (Chabak-CO)
 4409.5 1515 BOUNDLESS 15 wkg BOUNDLESS 19 USB (Cook-MN)
 4702 0532 POTENTATE USN Azores OM EE wx rpt to OVERWORK USB (Chabak)
 4725 0129 LAUNDRY MARK (SAC) wkg MASHY 53, Lima 43 & BYA USB (Cook-MN)
 0208 MAXWELL HOUSE wkg SKYKING USB (Cook-MN)
 0609 RUPPERT OM EE wkg LAMBS 68 & 84 USB (Chabak-CO)
 5684 0553 STRAY 62 (a/c) clg HEAD DANGER USB (Chabak-CO)
 5822 0729 ABNO3MAL 10 Vandenberg AFB CA wkg AGAR 26 USB (Chabak-CO)
 6705a 0230 IVANHOE USN Norfolk VA OM EE vm USB (Gebhardt-IA)
 6708 0058 FERTILE wkg BEARPIT on USAF FOXTROT freq USB (Cook-MN)
 6721a 0701 MIKE 96 OM EE coded tfc GOLF 98 Aussie accent USB (Chabak)
 6723 0321 RASPBERRY MIRAMAR San Diego wkg WARCHIEF USB (Chabak-CO)
 6761 0128 REMIT PAYMENT OM EE SKYKING bcst USB (Chabak-CO)
 2330 REPLICIA OM EE wkg JOSH 25 & GUPPY CONTROL USB (Gebhardt-IA)
 9027 0027 TATE CONTROL crash site QSO w/A-H LSB (Cook-MN)
 2234 VICTORY (or BIG TREE) w/SKYKING USB (Cook-MN)
 13240a 1900 BARBECUE GRILL OM EE clg SKYKING USB (Gebhardt-IA)
 18009 2025 TROUT 10 wkg TROUTS 21 & 25 USB (Beal-WA)

"SPY" NUMBERS STATIONS

3175m 2125 YL GG 5-digit groups w/"Achtung" frequently AM (Butterfield-MA)
 3217m 0445 YL GG 4-digit w/freq "Achtung" "Ende" @ 0458 carrier off @
 0459 AM (Butterfield-MA)
 5020m 0613 GG YL w/"ENDE", heavy RTTY & SWBC QRM AM (Butterfield-MA)
 5087a 2324 YL SS "450" ID repeated to 2329, carrier off @ 2348 AM (Watts)
 6820a 2330 YL SS "827" ID repeated to 2339, carrier off. AM (Watts-IN)
 7528m 0717 YL SS 5-digit, ticking in background, off @ 0721 (Hammer-OH)
 7987a 0712 "Atencion 909 31" repeated AM (Owsley-CA)
 11545 2130 "Bravo Delta" repeated by YL then electronic tone fol by GG
 5-digit groups, ea gr repeated. 2 sec tone @ 2152 and off.
 (Hall-CA)

RADIOTELETYPE

AMER.SAMOA: 10709 0340 KUQ20 Pago Pago RY test 66 wpm 425 hz shift (Green)
 ANTARCTICA: 9268.5 0300 FJY3 ATAF Dumont D'Urville RY test, tfc to
 Boulder CO 66/850 (Green-UT)
 AUSTRALIA: 9323 0440 NBC Sydney RY test, tfc 66/300 (Green-UT)
 CANAL ZONE: 19617 1740 OTA USN Balboa RY test 60/170 (Olsson-CT)
 CANADA: 9053 0430 VDD Debert NS RY test 66/170 (Olsson-CT)
 CUBA: 6930 0410 CLN52 Prensa Latina RY test 66/170 (Olsson-CT)
 14626 1415 CLN446 Prensa Latina SS press 66/170 (Brooker-MI)
 CZECHOSLOVAKIA: 13537 2205 OLI4 Prague RY test 66/425 (Green-UT)
 17525 1500 OLV3 CETEKA Prague SS nx 60/170 (Olsson-CT)
 ENGLAND: 9358 1410 GPF Agency? QTH? RY test 66/425 (Green-UT)
 10155.4 1415 GPR34 Reuters Asia Svc EE nx 66/425 (Green-UT)
 FRANCE: 10185 2015 FPK8 AFP EE nx 60/170 (Olsson-CT)
 GERMANY: 7555 2225 DMV34 ADN Berlin RY test 60/170 (Olsson-CT)
 HOLLAND: 11638.5 0515 DDF8 Bonames RY test, wx 66/425 (Green-UT)
 HUNGARY: 10400 1535 HGX21 Foreign Svc Budapest clg HGX29 (Olsson-CT)
 IRAN: 13404 0400 EPD62 Mehrabad RY test 66/850 (Green-UT)
 ITALY: 13487.5 2000 ISX35 ANSA Rome EE nx 60/170 (Olsson-CT)
 JAPAN: 10797 0700 JAG50 Tokyo JJ nx 66/425 (Green-UT)
 POLAND: 8192.5 2000 SOI31 PAP Warsaw RY test 60/170 (Olsson-CT)
 SAUDI ARABIA: 5740 0215 Jeddah tfc to Cairo 60/170 (Olsson-CT)
 SINGAPORE: 7892 1655 9VF30 ANSA nx relay 66/350 (Green-UT)
 TAHITI: 9291 0455 Agency? Papeete FF wx 100/850 (Green-UT)
 UNKNOWN: 9226 2125 TJK RY test 60/170 (Olsson-CT)
 11130 0500 ULV RY test & clg USZ 66/425 (Green-UT)
 14490 0630 Tass RR nx 66/425 (Green-UT)

QSL REPORTS



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

Verified Countries: 114 Deadlines: 15th of month

First game of the World Series is now history, so I'd better settle down and get this show on the road. My apologies to Gary Biasini who proved with XEROX copies that he did get full data on his Thames cards. Just goes to show what a polite request can accomplish. Must be a moral there, somewhere. Lots of reports again this month, particularly from Europe. Listening must be pretty good on ECNA. Seven first time reporters to the column this month, six from outside of the USA. Looks like SPEEDX is acquiring quite an international following. Thanks to all for your contributions and a special "welcome aboard" to the first time reporters.

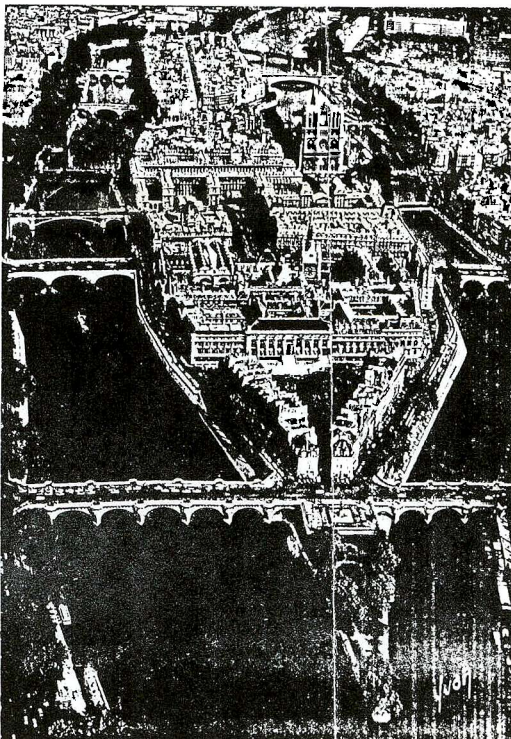
Several reports in this month from SPEEDX HQ and from other SPEEDX editors. Just a reminder to all, please send your reports directly to the editor concerned. To send them to HQ or another editor simply wastes time and postage. On to the loggings.

Europe

- ALBANIA:** R. Peking Relay, 7120, color cd "Festival Rejoicings" + pin, pennant and ltr announcing Chinese lessons in 16d for 1 IRC (SMITH MD), f/d "Timber Forests of the Changpai Mountains" cd + pin, pennant, personal note on the earthquake and a book "Chinese for Beginners" in 20d (BUTTERFIELD MA); 9780, "Festival Rejoicings" cd + pin and pennant in 18d (PECENKA IN)
- AUSTRIA:** ORF, 9770, f/d cd "Rest and recreation in Eastern Austria", 50d, no rp (BOWEN NS)
- BELGIUM:** ORG, 9725, blue map cd in 3rd air for 1 IRC (SMITH MD), same in 4th sfc for no rp (MAYER IL)
- BULGARIA:** R. Sofia, 9700, f/d pc view of Melnik in 90d air, no rp (YOUNG CA)
- CZECHOSLOVAKIA:** R. Prague, 5930, f/d cd "Zizka Square" in 45d air, no rp (VOGEL PA), "Lipno Dam" cd in 38d for no rp (KUKAN NJ); 6055, f/d "Peace Square" cd in 33d air, no rp (MEEHAN CT); 7345, f/d "Kroje z Podluzi (National Costumes)" cd in 35d air, no rp (BOWEN NS), f/d cd "View of the Castle from across the Danube" in 41d air, no rp (SMITH FL); 9540, "Zvikov Castle" cd in 30d air for 1 IRC (SMITH MD), f/d "Bratislava" cd in 35d air, no rp (BIASINI ALB), f/d "Old Town Square" cd in 41d air, no rp (MILLER WA), f/d "Lake Macha" cd in 59d air, no rp (SMITH FL); 11990, "Lake Macha" cd in 54d air for no rp (SMITH FL), f/d "Hrad Castle" cd in 2 mo, no rp (KUKAN NJ); 15110, f/d "Bystrica" cd in 2 mo air, no rp (KATO JAPAN)
- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 13d air, no rp (PRATER OR) same in 20d (ORR CO), same in 4 wks (KUKAN NJ)
- FINLAND:** R. Finland, 11755, f/d "Autumn in Finland" cd in 16d, no rp (CAWTHORNE ENG), f/d silver "50th Anniversary" cd in 11d air, no rp (KATO JAPAN); 15105, f/d "Four Seasons in Finland" cd in 18d air for 1 IRC (DALRYMPLE AUSTRALIA); 15110, f/d "Summer in Finland" cd + pennant in 21d air, no rp (KUKAN NJ), "50th Anniversary" cd in 13d air for no rp (PECENKA IN), same in 13d (GROSS VA), same in 15d (ORR CO), same in 17d, (GARNER ONT), same in 19d (MEEHAN CT)
- FRANCE:** R. France International, 15200, f/d "ORTF Building" cd in 23d, no rp (ORR CO), f/d "L'Arc de Triomphe" cd + pennant in 20d air, no rp (MEEHAN CT); 15300, f/d aerial photo cd "L'ile de la Cité et la Seine" in 31d air, no rp (BROOKS CT), same + pennant in 42d (BETHGE MO), f/d "Buildings" cd in 20d air, no rp (PECENKA IN) I'll try to reproduce Alan's copy of the L'ile de la Cité cd on the next page. It's pretty dark, so keep your fingers crossed. bc
- GERMANY (Democratic Republic):** RBI, 9730, f/d cd "Hauptstadt de DDR Muggelturm" in 54d air no rp + pennant (ROMANI MI), f/d "Berlin Scenes" cd in 47d air, no rp (GADOUAS VT); f/d "Humboldt Universität" cd in 62d air, no rp (MEEHAN CT)
- GERMANY (Federal Republic):** Deutsche Welle, 6040, colorful cd (no desc.) in 54d air for 2 IRCs (MEZA CA); 6075, date only landscape painting cd in 24d air (THOMPSON NM); 6100, no data multicolored circles cd in 30d air, no rp (WILLIS PA); 6145, no data circles cd in 4 mo (ARNESON MO); 9545, abstract painting cd in 17d (TOMORI HI), no data circles cd in 47d (PRATER OR), same in 44d sfc for EE/GG rpt (ARNOLD CA), same in 125d sfc, no rp (VOGEL PA); 9565, "Palace-Garden of Oberhofen" cd in 62d air (TOMORI HI), no data circle and logo cd in 130d air (ENDZA CA), same in 139d sfc (MILLER WA), same in 41d sfc, no rp (GARNER ONT); 17825, same in 113d air (SMITH FL); no fqy, same in 46d sfc (ARNOLD CA), same in 6½ mo (KUKAN NJ)
- R. Free Europe, 15215/17735, fqy/date multi-language cd in 28d for 1 IRC; sent to German address, mxtr may have been in Portugal (TRAUTSCHOLD WI)

L'île de la Cité et la Seine

If this does not copy well, you
can place the blame on the
SON OF DX MONTAGE -- Alan Brooks



GREAT BRITAIN: BBC, 6195, Thames cd
in 61d sfc for 1 IRC (THOMPSON NM);
7185, same in 38d air, no rp
(OWSLEY CA)

GREECE: V. of Greece, 9760, f/d plain
white cd, 40d, no rp (ORR GO)

HOLLAND: R. Nederland, 9715, cd sent
explaining reason for not getting
original QSL, 45d sfc (ARNOLD CA)
This is a QSL??? bc

HUNGARY: R. Budapest, 7215, f/d cd
"Costume of Bujak" in 52d air, no
rp (GARNER ONT); 7220, f/d blue cd
w/black-white drawing of castle, in
106d sfc (SMITH FL); 9833, f/d
orange cd w/drawing of bldg, + pen-
nant, 70d air, no rp (ROMANI MI)

MALTA: Deutsche Welle Relay, 6100,
no data circle cd in 118d air, no
rp (GARNER ONT)

IBRA R., no fqy, f/d map cd in 6 mo
air for money (ROGERS ONT)

MONACO: TWR, 7110, world map cd in
12d air for 2 IRCs (ESTES MS)

NORWAY: R. Norway, 11860, f/d cd
"Holidays in Norway" in 51d sfc,
no rp (BOWEN NS); 15175, f/d cd
"Autumn at Lake Gjende" in 18d air, no rp (ORR GO), same in 20d, 2 IRCs (HARDING CA)

POLAND: Polskie R., 7270, f/d DX Club cd, #3 in series, 81d air, no rp (SMITH FL); 9240,
same in 6 mo air, no rp (KUKAN NJ), f/d "Bohaterom Warszawy" statue cd in 119d air for
1 IRC (BOYD NFLD); 11815, DX Club cd, 1st in series, in 95d air for 2 IRCs (MILLER WA),
f/d cd w/partial map of Poland showing types of agriculture, 79d air (PECENKA IN); no
fqy, f/d cd w/statue of woman with sword in hand, 6 wks air, no rp (ROGERS ONT)

PORTUGAL: Deutsche Welle, 7285, DW circle cd in 121d air, 1 IRC (THOMPSON NM)

R. Portugal, 6025, f/d color cd "Lisbon (the old city)" in 27d air, no rp (GARNER ONT);
9240, f/d color cd "Lisbon at Night" in 23d air for 2 IRCs (DALRYMPLE AUSTRALIA); 11935,
f/d cd "Unloading salt in Lisbon" in 32d, no rp (KUKAN NJ)

ROMANIA: R. Bucharest, 2570, f/d cd w/small drawings of landmarks, 81d air (PECENKA IN),
f/d "Peles Castle" cd in 103d air, no rp (GROSS VA), f/d "Romanian Folk Art" cd in 107d
air, no rp (BOWEN NS); 15250, "Peles Castle" cd in 3 mo air for ?IRC and MS (ROGERS ONT)

SPAIN: RNE, 6065, antenna farm cd in 40d air for 1 IRC (FISCHER PA); 9630, same cd in 71d
air, no rp (THOMPSON NM); 11880, same cd + pennant in 49d air for 2 IRCs (MILLER CA),
same cd in 72d air, no rp (THOMPSON NM), same cd + pennant in 50d air, no rp (ENDZA CA)

SWEDEN: R. Sweden, 6120, f/d "Royal Wedding Stamp" cd in 6½ wks, no rp (GRISHIN ONT);
11705, same cd + pennant in 90d air, no rp (ENDZA CA), f/d map cd + pennant in 98d air
for 1 IRC (MILLER WA); 15120, wedding stamp cd in 95d air for 2 IRCs (ISHIZAKI JAPAN);
15305, f/d map cd in 60d air, no rp (GADOUAS VT), f/d cd w/pix of King and Queen, 21d
air, no rp (DALRYMPLE AUSTRALIA)

SWITZERLAND: SBC, 6135, f/d "Palace of Nations" cd in 35d, no rp (SHAW PA), fqy only cd
"Cathedral Tower, Basle" in 44d sfc, no rp (THOMPSON NM); 9725, f/d cd "Klausjagen, an
old St. Nicholas custom" in 52d sfc for 1 IRC (BETHGE MO), "Basle's Griffin" cd, f/d in
50d sfc, no rp (BOWEN NS); 15140, f/d cd "Market Place in Basle" in 2 mo sfc, no rp
(GRISHIN ONT); 15305, f/d "Klausjagen" cd in 60d air, no rp (SMITH FL)

USSR:

Armenian SSR: R. Yerevan, 11960, f/d small, plain white paper cd, registered air in
118d, no rp (PRATER OR)

Byelorussian SSR: R. Moscow, 9650/9655 (both Orsha), f/d "Kalinin Prospekt" cd, no time
(GADOUAS VT), same in 2 mo (FISHER PA), Moscow scene in 13d (YOUNG CA)

Lithuanian SSR: R. Moscow, 7100 (Kaunas), statue cd in 27d (MAYER IL), "CMEA Building"
cd in 2 mo (FISCHER PA)

R. Vilnius, 9720, f/d flower cd in 85d (KUKAN NJ); 9685, same in 144d sfc (PRATER OR);
11900, same in 75d air for 1 IRC (WAKISAKA JAPAN)

USSR (continued):

RSFSR: R. Moscow, 5960 (Vladivostok), 7100 (Moscow), 7290 (Moscow/Tula), 7320 (Omsk), 7390 (Moscow), 9500 (Moscow), 9600 (Moscow), 9610, 9680 (Moscow), 9700 (Moscow), 9710 (Petropavlovsk-Kamchatsky), 11690, 11720 (Kenga), 12000, 12020 (Vladivostok), 12050, 15100 (Khabarovsk), 17720 (Petropavlovsk-Kamchatsky), 17880 (Moscow). Alan Mayer says he doesn't trust that 9700-Moscow in spite of the fact that that source was claimed on the card. Some of the others would appear to be somewhat suspect, also. Please do not report a site unless it is listed on your QSL cd as the xmr site!! bc. Cds rcvd in 21-60d. "Sputnik Memorial" (SMITH FL), Moscow city street (NORDENOFF CO), "Statue" (MAYER IL), "CMEA Building" (SMITH FL)(HARDING CA)(BIASINI ALB)(FISCHER PA), "Kalinin Prospekt" (MEEHAN CT)(VOGEL PA)(HARDING CA)(DEAN OH)(FISCHER PA), "Moscow State University" (HARDING CA), "Space Monument" (MEEHAN CT), ltr for 1 IRC and JJ rpt (ARAKI JAPAN) R. Peace and Progress, 15130, f/d cd w/logo and sketch of tower, 36d, no rp (ORR CO); 15210, f/d cd w/picture of Moscow, 20d air, no rp (DALRYMPLE AUSTRALIA); 17760, f/d red cd w/birch trees in green circle in 58d air, no rp (PECENKA IN)

Ukrainian SSR: R. Kiev, 11960, f/d gold map cd in 40d sfc, no rp (ENDZA CA); 15100, same in 34d air for monitor rpt (THOMPSON NM)

R. Moscow, 7160 (Kiev), "CMEA Building" cd in 2 mo air (FISCHER PA); 7165 (Kiev), statue cd in 27d air (MAYER IL)

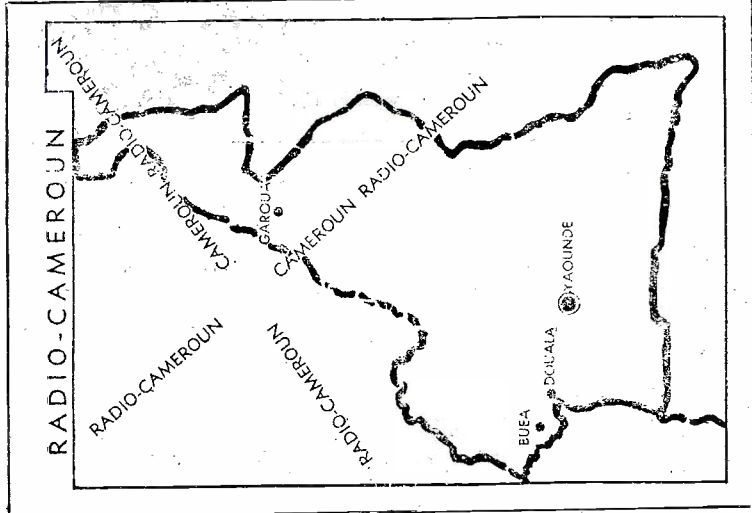
Uzbek SSR: R. Tashkent, 15115, f/d building design cd + ltr in 50d air, no rp (WAKISAKA JAPAN)

VATICAN CITY STATE: Vatican R., 9605, f/d antenna dome cd in 16d air, no rp (GADOUAS VT)

Africa

ASCENSION ISLAND: BBC Atlantic Relay, 6005, Parliament Building cd in 22d air, no rp (BAUMGARTNER ONT)

CAMEROON (Federal Republic): R. Yaounde, 4972.5, f/d yellow/green map cd in 34d air for 2 IRCs, FF rpt (see below) (BAUMGARTNER ONT), same in 25d for 1 IRC (BUTTERFIELD MA)



CANARY ISLANDS: RNE, 11800, f/d antenna farm cd in 73d sfc for MS and tape (returned) (WHITE FL); 15365, same cd + pennant in 43d, no rp (ESTES MS), same cd in 73d air, no rp (BOWEN MS)

CHAD (Republic): Rdif. Nationale Tchadienne, 4904.5, f/d montage cd in 22d for 2 IRCs and FF rpt (ORR CO), same in 20d for 2 IRCs, FF rpt (DALRYMPLE AUSTRALIA), same in 12d for 3 IRCs and EE/FF rpt (GROSS VA), same in 15d for MS and FF rpt (BAUMGARTNER ONT)

EGYPT: R. Cairo, 9475, 1st serial, 3rd scene cd in 70d air, no rp (YAJKO PA), same in 83d air, no rp (OWSLEY CA)

LIBERIA: ELWA, 11945, f/d native drummer cd in 54d for 3 IRCs (GROSS VA), same in 24d for 1 IRC (ORR CO)

MALAGASY (Republic): R. Nederland Relay, 11730, f/d black/white block design cd in 20d air, no rp (VOGEL PA)

MALI: R. Mali, 5995, f/d Africa map cd in 231d sfc for 2 IRCs (TRAUTSCHOLD WI)

NIGERIA: V. of Nigeria, 7275, usual f/d green/white crest cd in 45d air for 1 IRC (DALRYMPLE AUSTRALIA); 15120, same in 19d air, no rp (KATO JAPAN)

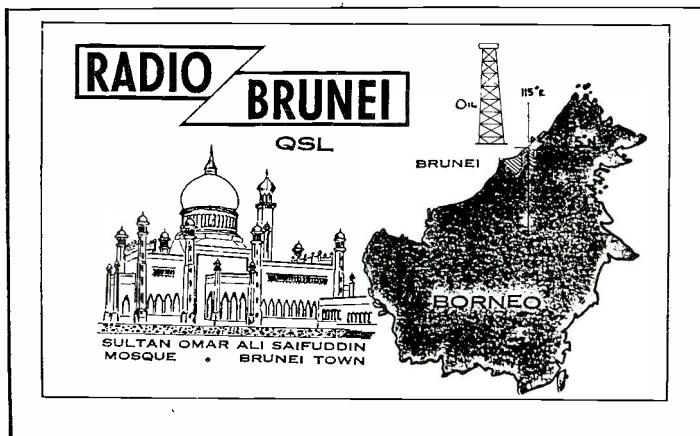
RWANDA: Deutsche Welle Relay, 17765, f/d African map cd, 66d air, no rp (SMITH FL)

...We attribute common sense to those who agree with us...

SEYCHELLES: FEBA, 11810, usual f/d world map cd in 20d air for 4 IRCs (DALRYMPLE AUST); 15270, same in 20d for 4 IRCs (DALRYMPLE AUSTRALIA)
SOUTH AFRICA: RSA, 9585, f/d cd "Kaffirboom Tree" in 20d air for 2 IRCs (THOMPSON NM), same in 21d, no rp (PECENKA IN), same in 22d, no rp (FISCHER PA), same in 29d (SMITH FL); 11900, same in 11d, no rp (YOUNG CA), same in 15d, no rp (BROOKER MI), date only plain cd in 10d for MS (ARNOLD CA); 21535, f/d ltr type veri cd in 17d sfc for 1 IRC (ARAKI JAPAN)
 SABC, 3980, usual f/d "Industries" cd in 21d air, no rp (GROSS VA)
TANZANIA: R. Tanzania, 15435, date/fqy yellow/pink drum cd in 162d, no rp (CAWTHORNE ENG)
TOGO: Rdif. du Togo, 5047, date/time "Globe" cd in 27d air for 1 IRC, EE/FF rpt (WAKISAKA JAPAN)
UGANDA: UBC, 15325, date/fqy mimeo "veri" ltr in 22d air for 2 IRCs (MEEHAN CT)
ZAIRE: LaVoix du Zaire, 15245, long FF form ltr in 2 mo for FF rpt and 2 IRCs (VOKES TX)

Asia

BRUNEI: RTV Brunei, 7215, usual date/fqy map/mosque cd in 19d air for 2 IRCs (CLEVELAND)



Doug Snyder
 contributed
 this one

CHINA (People's Republic): R. Peking, 7120, date/fqy "Yao Mountains" cd in 22d air (SMITH FL), blue station cd + pennant and pin in 7 wks for 1 IRC (KUKAN NJ) (You fellows sure that this wasn't the Tirana Relay? WRTM lists only Tirana for this fqy. bc) 11685, "Yao Mountains" cd in 12d + pin (BROOKER MI); 15060, "Timber Forests of the Changpai Mountains" cd + pennant in 18d (FAMULARO NJ), "blue" cd in 20d (SHAW CA), f/d cd, no desc + pin, no time (DUTKOWSKI BC)
CYPRUS: BBC East Mediterranean Relay, 6180, Parliament Building cd in 22d air, no rp (BAUMGARTNER ONT)
INDONESIA: RRI Banjarmasin, 3250, Indo ltr of confirmation in 8 mo air for Indo rpt and 1 IRC (WAKISAKA JAPAN)
 RPKD Kediri, 3433, Indo ltr w/confirmation and 2 pcs in 71d air for Indo rpt and 1 IRC, v/s Ny. Trie Sukirno (WAKISAKA JAPAN)
 RRI Surabaya, 3975, color photo of stn w/date/time/fqy + thanks on back, in 61d air for Indo rpt and MS, v/s Sjam Abdoerrahman B.A. (CLEVELAND CA), same in 6 wks for Indo rpt and MS (VOKES TX)
 RRI Ambon, 4845, f/d Indo ltr in 36d air for EE rpt and 2 IRCs, v/s A.W. Rakimin (MILLER WA)
 RRI Banjarmasin, 5970, EE ltr in 4 mo for MS and Indo rpt, v/s Andi Njongki B.A. (VOKES TX)
IRAN: V. of Iran, 15084, f/d cd "Zahedan Television" + pennant in 29d air, no rp (PRATER OR)
IRAQ: R. Baghdad, 9245, f/d map cd in 28d air for 1 IRC (GADOUAS VT)
ISRAEL: IBA, 9009, f/d color photo of Jerusalem in 51d air for 1 IRC (ISHIZAKI JAPAN); 9435, f/d cd, no desc., in 17d air, no rp (YOUNG CA); 9815, cd "View towards the Shrine of the Book and the Knesseth Building" in 43d air for no rp (KUKAN NJ); 11625, f/d cd "Jerusalem, the Golden City" in 60d air, no rp (ENDZA CA); 11645, "Knesseth Building" cd in 43d air, no rp (OWSLEY CA); 12077, f/d cd, no desc., in 17d air, no rp (YOUNG CA); no fqy, f/d cd "Knesseth Memorial" in 6 wks air, no rp (ROGERS ONT)
JAPAN: FEN Tokyo, 3910, usual cd in 2 mo, no rp (VOKES TX)
 NSB, 5995, f/d "Tokyo Forum 'Get Together'" cd in 19d air for 2 IRCs (SOMERS CA)
 R. Japan (NHK), 9595, 9585, 9690, 15105, 15195, 15270, 15300, 17225. F/d cd "Noh mask of a woman" (MILLER CA)(MILLER WA)(BROOKS CT)(PECENKA IN), date/fqy cd "Doll playing the Koto" (CLEVELAND CA)(GROSS VA)(THOMPSON NM), f/d cd "Hakata doll--girl in kimono" (SHAW PA), "Yakko" cd (SHAW PA), date/fqy cd "Dancing Swords Man" (DALRYMPLE AUSTRALIA),

JAPAN (continued):

f/d "Samurai Warrior Doll"
(ARNOLD CA), cd "Manjuin Temple
and crimson autumn foliage"
(MILLER CA), "Doll" cds (GARNER ONT)
(ORR CO). Above NHK cds rcvd in
12-38d, no rp.

Noh Mask of a Woman

Let's blame Alan W. Brooks for
this one, too!

KOREA (Democratic People's Republic):

R. Pyongyang, 9420, no data personal
ltr w/general veri on 3rd try, 139d
air (WHITE FL)

KOREA (Republic): R. Korea, 9640,

folder w/staff photos, no time
(MILLER CA), "Korean folk dance" cd
+ pennant in 52d air for 1 IRC
(OWSLEY CA), traditional "Mask Dance"
cd in 75d + pennant, no rp (KATO JAPAN)
11860, "Shinhung Temple" cd in 46d
air for 1 IRC + pennant (YAJKO PA),
f/d "Seated Maitreya Buddha" cd +
pennant in 113d for 3 IRCs (TOMORI HI)
f/d "Autumn in Kyongbok Palace" cd
in 69d air for 2 IRCs (HARDING CA)

KUWAIT: R. Kuwait, 11845, f/d folder
cd in 49d air for 2 IRCs (GARNER ONT)

PAKISTAN: R. Pakistan, 11672, time/fqy
veri ltr in 26d air, no rp, EE rpt
(FAMULARO NJ)

PHILIPPINES: FEBC, 7225, cd in 2 mo for
2 IRCs (3rd f/up) (VOKES TX); no fqy,
date only ltr (MILLER CA)

R. Veritas, 15280, f/d studio site cd in 19d air, no rp, v/s Connie C. Javier (KATO)
VOA, 15290, f/d "Bicentennial Commemorative Stamps" cd in 21d (GROSS VA); 15395, same
cd in 5d (FAMULARO NJ)

VOP, 9580, date/fqy plain white cd in 99d sfc, no rp (MILLER WA), f/d Manila view cds
in 6d air for 2 IRCs (MILLER CA)

SARAWAK: R. Malaysia Miri, 3385, f/d "Broadcasting House" cd in 24d air for 1 IRC +
Japanese stamps (WAKISAKA JAPAN)

TURKEY: V. of Turkey, 9515, f/d "Keloglan" cd in 45d, no rp (KUKAN NJ); 11880, date/fqy
cd "Karagöz and Hacivat" in 45d air for 1 IRC (ENDZA CA)

YEMEN (People's Democratic Republic): DYBS, 7190, date/fqy pink antenna cd in 318d (85d
after f/up) for 5 IRCs, v/s Abdulaziz Guaidi (WHITE FL)

Oceania

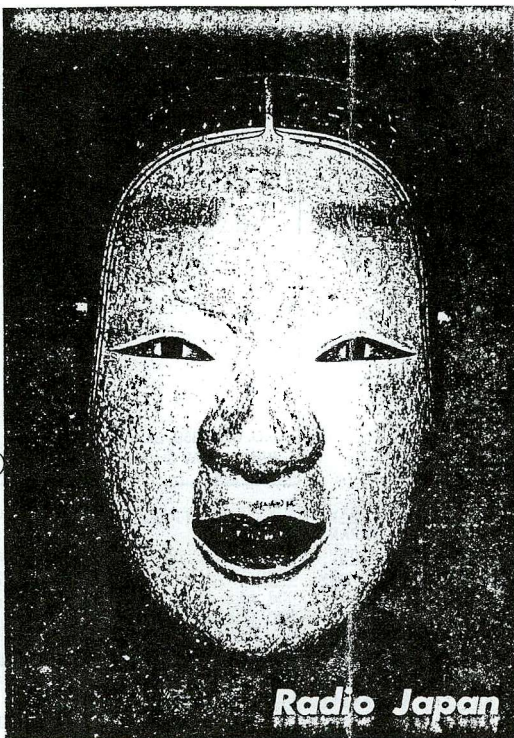
AUSTRALIA: ABC Brisbane, 4920, f/d blue map cd in 7d (TROCHIMCZYK DC); same in 13d for
1 IRC (MILLER WA)

ABC Perth, 9610, f/d map cd in 16d air for 1 IRC (THOMPSON NM), same in 21d for 1 IRC
(MILLER WA), same in 30d, no rp (SMITH FL), same in 45d for 1 IRC (BUTTERFIELD MA)

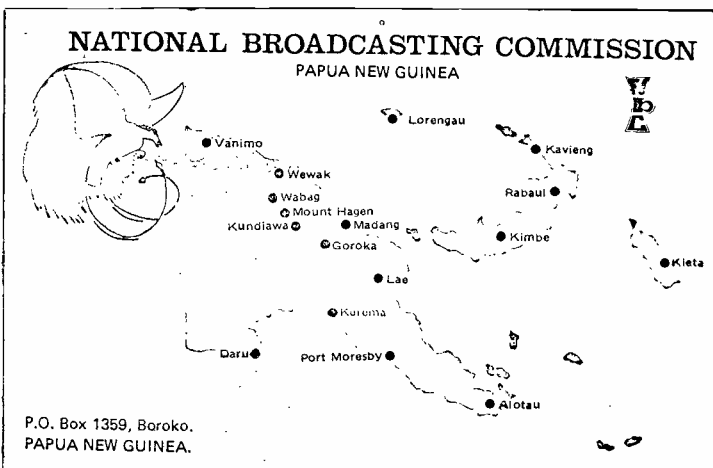
R. Australia, 5995, 6005, 6035, 7220, 9515, 9530, 9540, 9570, 9580, 9695, 9770, 11780,
11790, 15140, 15160, 15320, 17295, 17860 (test xmsn). F/d cds, v/s P. Koch, in 64d air
for 3 IRCs, 28-63d air for 2 IRCs, 28-32d air for 1 IRC, 97-301d sfc for no rp, 17d sfc
(within Australia) for MS. "Blue Wren" (ROGERS ONT)(BIASINI ALB)(BROOKER MI)(SMITH FL)
(GARNER ONT)(MILLER CA)(DALRYMPLE AUSTRALIA)(PRATER OR)(YAJKO PA)(BETHGE MO)(MAYER IL)
(PECENKA IN), "Scarlet-crested Parakeet" (BIASINI ALB)(BROOKER MI)(MEZA CA)(ENDZA CA)
(MILLER CA)(SMITH FL)(YAJKO PA)(THOMPSON NM)(PECENKA IN)(MAYER IL)(MIKLEJEWSKI MN)
(WHITEHEAD MA), "Carnarvon aerals" (ROMANI MI), "ARDXC" cd (ROMANI MI), 2 pennants and
sked for test xmsn (KATO JAPAN). With 55 cds from R. Australia alone this month, what
are you people trying to do--completely wreck their postage budget for the year?? bc

NEW CALEDONIA: R. Noumea, 7170, date/time orange map cd in 33d air for no rp, FF rpt
(OWSLEY CA); 11710, same cd in 33d air for 3 IRCs, SPEEDX trilingual form (GROSS VA)

NEW ZEALAND: R. New Zealand, 6105, f/d cd of geyser in 26d for 2 IRCs (KUKAN NJ), f/d cd
of soccer game in 17d air for 1 IRC and US stamps (MILLER WA); 9585, f/d "Hot Springs"
cd in 30d for 1 IRC (BUTTERFIELD MA), f/d fishing scene cd in 169d sfc, no rp (SMITH FL)
11705, "mountain and farm" cd in 25d for 1 IRC (DULMAGE ONT); 11780, f/d cd w/view of
bay and trolly, 133d sfc, no rp (PECENKA IN), f/d "sculptured arch" in 28d (MILLER CA)



Let's blame
Skip Gross and
Leland Swenson
for this one



PAPUA NEW GUINEA: R. Milne Bay, 3360, friendly veri ltr by air in 95d for 1 IRC
(WAKITSKA JAPAN)

R. Mamus, 3905, f/d NBC cd from Boroko in 14d air for MS (MAYER IL)

NBC Port Moresby, 4890, f/d yellow PNG map cd in 15d air for 2 IRCs, v/s J. Arifeae
(ORR CO), same in 30d air for 3 IRCs (ESTES ME); 9520, same in 14d for 3 IRCs (GROSS VA),
same in 10d for 1 IRC (DALRYMPLE AUSTRALIA), f/d ltr in 103d sfc for 2 IRCs (HARDESTER);
no fqy; map cd in 18d, ?? rp (SWENSON WI)

SOLOMON ISLANDS: SIBS, 5020, f/d map cd in 30d air for 2 IRCs (MILLER WA), same in 14d
for 1 IRC and stamps (TROCHIMCZYK DC), same in 103d for 2 IRCs (BIASINI ALB)

TAHITI: R. Tahiti, 11825, f/d cd of Island girl on beach, 41d air for 1 IRC (MILLER WA),
same in 19d (no data) for 1 IRC (TRAUTSCHOLD WI); 15170, same in 14d for 1 IRC and FF
rpt (OWSLEY CA)

South America

BOLIVIA: R. La Cruz del Sur, 4875, llama cd and pennant in 5 mo for MS (VOKES TX)

BRAZIL: R. Brasil Central, 4985, f/d ltr in EE in 35d air for 2 IRCs, PP rpt (YOUNG CA),
same in 105d for 1 IRC and EE rpt (BIASINI ALB), same in 178d for 1 IRC and EE rpt
(MILLER WA)

R. Nacional de Brasilia, 11780, f/d map cd in 18d air, no rp (GROSS VA), same in 27d
for 1 IRC (DALRYMPLE AUSTRALIA)

COLOMBIA: R. Bucaramanga, 4845, ltr in 7wks sfc after f/up (over 1 yr total) for MS and
SS rpt, v/s Jaime Sorzano B., Gerente (DULMAGE ONT)

R. Santa Fe, 4965, fqy only cd of girl picking coffee beans, 12d air for MS and SS rpt,
v/s Luisa de Bernal (BAUMGARTNER ONT)

Em. Nueva Granada, 6160, no data SS ltr in 16d sfc, no rp and SS rpt (PRATER OR)

ECUADOR: R. Zaracay, 3390, fqy only ltr of confirmation, 32d air for 1 IRC, SS rpt. Also
sent pennant (MILLER WA)

La Voz de los Caras, 4795, ltr for SS rpt and MS in 23d (TROCHIMCZYK DC) Ltr requested
Juergen to call a number in Lawrence, Mass to say that his son's station could be rovd on
the ECNA. Juergen called, and found they were expecting the call.

Em. Gran Colombia, 4911, date only friendly ltr w/vague veri statement, 23d air for MS
and SS rpt. Also sent pennant (BAUMGARTNER ONT)

HCJB, 6095, 9560, 9760, 17780. F/d ods, v/s Sam Rowley or Herbert P. Jacobson, 19-65d
air for no rp, 54d air for 2 IRCs, 26-30d air for 3 IRCs. "Bread-dough llama" (SHAW PA)
(RAIFORD FL)(HARDING CA)(ARNOLD CA)(MILLER CA)(MEZA CA), "Mt. Antisana" (SMITH MD), "DX
Party Line Anniversary" (MILLER WA), "Album Series #8--use of Ham Radio" (SMITH FL),
"Ecuadorian Echoes Series 'B'--water potential to radio power" (MILLER CA), "Phase 2
antenna arrays" (MILLER CA), "Project Outreach--50 kw xmtr" (THOMPSON NM)(MILLER CA),
"Phase 4--enlarged xmtr bldg" (MILLER CA), "Bread-dough Indian couple" (SHAW PA). Meza
and Miller also rovd pennants.

URUGUAY: R. El Espectador, 11835, f/d logo cd in 4½ mo for 2 IRCs, SS rpt (VOKES TX)

VENEZUELA: Rdif. Venezuela, 4890, SS form ltr for SS rpt and MS in 82d (TROCHIMCZYK DC)

R. Rumbos, 4970, f/d cd "The Liberators Avenue" in Caracas, 89d sfc for 1 IRC and EE rpt
(MILLER WA)

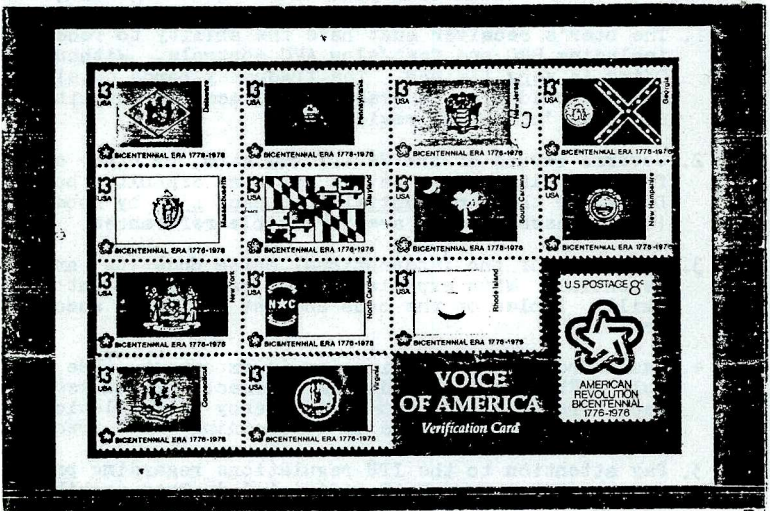
R. Nacional de Venezuela, 15390, fqy only form ltr in 59d air, no rp and EE rpt, v/s
Charlie Nash (MEEHAN CT) Jim says 15400 heard, 15390 verified.

...Some folks get their exercise by jumping to conclusions...

North America

CANADA: CFRX Toronto, 6070, time/fqy "Carnival" cd in 18d for MS (BAUMGARTNER ONT)
 CKZN St. Johns, 6160, date/fqy blue CBC cd in 9d for MS (BAUMGARTNER ONT)
 RCI, 6085, f/d "do-it-yourself" Olympics cd, no time (KUKAN NJ), same in 45d after being sent back twice (correct the 1st time!) (CRABLE ID); 15325, same, 23d (MILLER WA)
COSTA RICA: TIFC, 2645, f/d purple/yellow microphone cd in 33d air, no rp (ORR CO), same in 47d air for 2 IRCs (GARNER ONT)
CUBA: R. Habana, 9525, f/d yellow circles cd in 53d air, 1 IRC (ISHIZAKI JAPAN); 11725, same + 2 decals in 81d for 2 IRCs (MEZA CA); 11930, same in 35d, no rp (DEAN OH)
GUATEMALA: TGNA, 3300, f/d "Quetzal" cd in 2 wks for 1 IRC (ARNESON MO)
HONDURAS: HRVC, 4820, red/white/blue map cd in 25d air for MS, v/s Daisy de Salgado (BROOKS CT), same in 29d for 1 IRC (OWSLEY CA)
NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d "Eddie Startz Memorial" cd in 13d (OWSLEY CA), same in 14d (PECENKA IN), same in 15d (SMITH FL); 9715, same in 21d (SMITH) Trans World Radio, 11815, f/d "Flamingo" cd in 4½ mo sfc, no rp (POPE FL); 11925, same cd in 50d sfc, no rp (ENDZA CA)
UNITED STATES: AFRTS, 9700, f/d insignia cd in 33d sfc (MILLER CA); 9755, same in 41d (GROSS VA), and in 15d (MILLER WA); 15430, same in 28d (BAUMGARTNER ONT)
 VOA, 15205, f/d cd of Bicentennial Stamps, no time (KUKAN NJ)

Blame this
 on
 Skip Cross



WVY, 10000, f/d Indian Chief cd in 3 wks (KUKAN NJ)
 WYFR, 6155, f/d microphone cd in 6d sfc for MS (MILLER CA)

Looks like I made it again. Lots of correct answers to last months sign (Russian--Steep Hill), but the first one to arrive was from Ivan Grishin. In fact, Ivan should have received his pennant by the time this is being written and HAP should have received my contribution. Speaking of contributions, have you sent your donation to SPEEDX HQ for the HAP Christmas Tree Fund? If you haven't, do it now! See page 3 of the October issue for details. Meanwhile, back at the ranch...

Thanks to all who took the time to send in their guesses. Remember, you and HAP are the winners--first one in with the correct translation earns a SPEEDX pennant and I'll donate five bucks to HAP in your name. Meanwhile, try this one. Though it looks like it might sound better if played on a piano, it is easily heard on at least a dozen stations, including a couple of the big four international broadcasters. (I didn't say it would be easy to read, but the sign is a very common one along our streets.



حیلان بکیروف است

As usual, reports are assumed to have been made in English unless stated to the contrary. In a few cases, I have indicated English where another language might have been anticipated. Reminder--please include a brief description of your QSL; to merely say "card" or "bread dough" card isn't very helpful. It takes but a moment to add a word or two of explanation, such as "bread dough owl", etc. Also, MS means "mint stamps" of the country you are writing to. In general, US mint stamps do them no good whatever, though there are a few exceptions (HCJB, TWR, etc) which have operations in the USA.

73's, Bill

10/17/76

Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

HINTS FOR UTILITY DXING

by Greg Watts

I have not been a Uter very long, but already I have discovered that there is a minimum arsenal of information necessary for any DXing of the thousands of Utility stations across the radio spectrum. I will share here some of these things with you who are also beginning Uters.

1. The uter's receiver must have the ability to receive CW/SSB mode, including BFO and fast/slow AVC controls. Without these, Ute-DXing is very limited. The frequency bands outside the broadcast bands should also be available, since most utility stations are in these "off-band" regions.
2. Several issues of the SPEEDX bulletin, or other sources containing frequency lists such as the upcoming SPEEDXtra bulletin on utility DXing, or the Confidential Frequency List by Robert B. Grove (Gilfer Associates), are invaluable references.
3. Knowledge of the International Morse Code (CW) and Q-codes is essential. With experience, one cannot help but improve one's CW skill. Tables of the code and the Q signals accompany this article.
4. Exact frequency determination is important. Use zero-beat (see July SPEEDX, p. 7) to determine exact frequencies. For most receivers, making a set of frequency interpolation charts (May SPEEDX, p. 7.) will aid in determining exact frequencies.
5. Pay attention to the ITU regulations regarding private communications. (ITU Geneva V:17 (1968) 1,2.) This prohibits the unauthorized interception of radiocommunications not intended for the general use of the public, and the divulgence of the contents, simple disclosure of the existence, publication or any use whatever, without authorization, of information of any nature whatever obtained by the interception of the radiocommunication mentioned in the first part of this regulation.

This means that anything further than the identification of the stations and their frequencies which are private communications is illegal. Note that many QSL's obtained by Uters are tacit authorizations of publication of the existence of such stations, but these stations will not QSL if you quote messages, or text of voice markers, since they do not authorize disclosure of the content. CQ markers may be regarded as "Broadcasts," but traffic on such coast stations which transmit CQ or V markers is non-publishable communications. With this in mind, the Uter can report and QSL a majority of utility stations with no ramifications due to violation of the ITU regulations.

Table A. The International Morse Code

A	.-	G	--.	M	--	S	...	Y	-.--	5
B	-...	H	N	-.	T	-	Z	---.	6	-....
C	-.-.	I	..	O	---	U	..-	1	.-...	7	---..
D	-..	J	.-.-	P	-.--	V	...-	2	..-.-	8-
E	.	K	-.-	Q	--.-	W	-.-	3	...--	9	-----
F	...-	L	..-..	R	.-.	X	-.-.-	4-	0	-----

Period .-.-.	Paranthesis --.-.	Separation
Comma --.-.	Semicolon --.-.	(I.D.) -... .
'Quest.	Slash -.-.	Closing
mark ...-..	Wait -.-.	down -.-.-..
Error	End message -.-.	
Double	Invite to	
Dash ----	Xmit --	
Colon ----.	End of work ----.	

Table B. Selected Q-codes (Questionmark makes each a question.)

QRZ Name of station	QSN Heard on <u>x</u>
QRB How far from Xmtr	QSO Can communicate
QRD Destination of origin	QSP Relay
QRG Exact frequency	QSU Answer freq. of <u>x</u>
QRH Frequency varies	QSV Send V marker
QRI Tone Quality	QSW Send on freq. <u>x</u>
QRK Busy	QSX Listen on freq. <u>x</u>
QRM Interference	QSY Change freq. to <u>x</u>
QRN Noise	QSZ Send ea. word <u>x</u> times
QRO Increase power	QTA Cancel message
QRP Decrease power	QTB Agree word count
QRQ Send faster	QTC How many messages
QRS Send slower	QTE Bearing
QRT Stop	QTH Position
QRU Anything for me	QTI Track
QRV Ready	QTJ Speed
QRW Inform of call	QTL Heading
QRX When call again	QTN When depart
QRY What turn	QTO Communicate via international
QRZ Caller I.D.	(morse) code of signals
QSA Signal strength	QTR Correct time
QSB Fading	QTS Send call for a measurement
QSD Signal mutilated	QTV When are you open
QSG Send msgs <u>x</u> at a time	QTV Guard freq. <u>x</u>
QSK Hear between sig; break in	QTX Keep open <u>x</u> hours
QSL Acknowledge	QUA News of station
QSM repeat	QUD Urgent signal received
	QUF MAYDAY received

A QUESTION TO AN INTERNATIONAL BROADCASTER

by Wes Mullen

Last July, I sent a questionnaire to several international broadcasters concerning the validity of the average SWL reception report and the benefits derived from these reports by the station staff. I received replies from the Swiss Broadcasting Corporation and NHK, Tokyo. It is interesting to note their conflicting opinions of the SIO code - as you will see by their answers. The following is a verbatim account of my question and their replies.

QUESTION:

Will you please take time from your busy schedule to give me your thoughts on the benefits, if any, a station receives from the majority of SWL reception reports? I think it is impossible for a SWLer, with the average amount and quality of receiving gear, to play it by ear and come up with realistic information.

ANSWER FROM SBC:

Hi Wes - Thanks for all the reports, snaps, and also for this query. Well, I think BC stations get benefits in two particular ways: First they get a "straight-off-the-bat" confirmation that their broadcasts are being heard at all; and secondly, how strong, clear, and the amount of interference the signal has. Of course, most stations get regular reception reports from commercial outfits, most of them belonging to official monitoring stations. I know that SBC is getting regular reports

from the GPO in Melbourne, in Tokyo, and the USA. However, this does not replace the immediate contact we have with the listener and it is for the listeners that we do our programs, not for those commercial monitoring stations. We broadcasters are interested only in what the listeners think of our outlets and in getting them involved with what we have to say. For this we need only three items on a report - the signal strength, interference, and overall merit; in other words, the SIO report scheme. This is simple and for me the best way to report broadcasts. However, of more value are your comments and your thoughts of what we have to say in these broadcasts - may it be critical, approving or whatever, as it confirms that you are really listening and not just adding another station to your log.

ANSWER FROM NHK:

Radio NHK sent me a card saying my question would be dealt with on the "Hello America" program on Saturday, August 14. In my question to Tokyo I also asked their opinion of a recorded report. The highlights of their reply follow.

NHK prefers SINPO and says, "When it is properly used it is very valuable to our engineers." Their opinion of SIO was expressed as follows: "SIO is a very basic code and is not of much value to us." They do not seem to be much in favor of recordings and they state that "recorded reports could be a better method, however, many other things enter in to it - the kind of tape used, speed, the kind of recorder, and a lot more."

NHK left a lot unanswered but it is easy to see that they don't agree with SBC about SIO. The last sentence of the Swiss reply has a message we all must keep in mind.

|||||
RADIO PRAGUE'S MAILING SERVICE (I GIVE UP!)

by Dave Jakubiak

By now most of you realize that Radio Prague is not one of the most efficient stations when it comes around to mailing a letter. Well, the experience I had with their station's service made me give up completely.

After I had received two verification's (after a quite interesting time span), I found information about joining the Radio Prague Monitor Club. It sure seemed well worth while because all a person had to do to join this club was send in seven reception reports. Furthermore, a member would receive a certificate, a pennant, and possibly a DX-Diploma. Well, I finally decided to join and when I sent my last report in July of 1975, I was anxiously awaiting my certificate. It sure seemed like a challenge but I felt it would pay off.

Months went by with no reply and I decided to send a letter to see what went wrong. As it ended up, I received my certificate and pennant in March of 1976. This made me mad but the thing that set off sparks was when I saw the certificate. It read that I was elected member December 29, 1975 and since a membership lasted one calendar year, I belonged to the club for a grand total of two days. Well, I surely wasn't going to renew my membership and I was so frustrated with Radio Prague that I decided to do one thing. That is to boycott writing completely to the station.

|||||
Winter DX is upon us and now is the time to support SPEEDX. C'mon, share some of those great winter loggings with our four great SWBC editors - not to mention the rest of our hobby family. By the way, T & T wouldn't mind at all if you take some time out and write an article - for SPEEDX.
|||||

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX

BOARD OF DIRECTORS

PRESIDENT..... DON JOHNSON
 VICE PRESIDENT..... JOHN TRAUTSCHOLD
 MEMBERS..... JIM WHITEHEAD, DOUG SNYDER, ALAN BROOKS

MANAGING EDITOR..... OLIVER ELLSWORTH
 BUSINESS MANAGER/PUBLISHER/TREASURER..... DON JOHNSON
 PROJECTS COORDINATOR..... DOUG SNYDER
 MEMBERSHIP CHAIRMAN..... ART GLOVER
 SPEEDXGRAM EDITOR/PUBLISHER..... JOHN TRAUTSCHOLD

SUBSCRIPTION RATES PER YEAR

FIRST CLASS TO USA/CANADA/MEXICO.....\$12.00
 AO (AIRMAIL) TO SOUTH AMERICA/EUROPE..... 20.50
 AO (AIRMAIL) TO ASIA/AFRICA/OCEANIA..... 23.00
 FIRST CLASS WORLDWIDE (OUTSIDE USA/CANADA/MEXICO)..... 14.00
 SAMPLE COPY WORLDWIDE..... 6 IRC's or 1.00
 (MAKE ALL MONIES PAYABLE TO SPEEDX IN US FUNDS)

Permission is granted to broadcast, publish, or reproduce any material contained herein (excepting items which state that they appear by permission from other sources) providing credit is given to: SPEEDX, P. O. BOX "E", ELSINORE, CALIFORNIA USA and to the author or contributor when stated.

INDEX

KEYNOTES.....	OLIVER ELLSWORTH	2
DX MONTAGE.....	ALAN BROOKS	4
TECHNICAL TOPICS.....	RALPH SANSEERINO	6
HAPPENINGS.....	TED POLING	8
SWBC WESTERN HEMISPHERE.....	JIM WHITEHEAD	9
EUROPE.....	WADE SMITH	16
AFRICA.....	RALPH FAVILLARO	21
ASIA OCEANIA.....	BOB BODELL	25
*****PROPAGATION SPECIAL*****	CENTERFOLD*DOUG SNYDER	
STATION SCHEDULES.....	LARRY TALBOT	36
UTILITY SECTION.....	KEN COMPTON	39
QSL SECTION.....	BILL CLEVELAND	45
TIPS AND TOPICS.....	ART GETZEL	52

S P E E D X
 P O BOX E
 ELSINORE CALIFORNIA
 U S A
 9 2 3 3 0

1800-585-0081
 1-201-102-1

WILLIAM FARMERIE 0377
 15165 rue ST HYACINTHE
 STE. GENEVIEVE, QUEBEC
 CANADA H9H 1E7

U.S. POSTAGE PAID
 FIRST CLASS MAIL
 PERMIT NUMBER 36
 ELSINORE CA 92330

FIRST CLASS MAIL