

SPEEDX

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"

DON'T FORGET



VOTE

SEPTEMBER 1977

Vol. VII - No. IX



KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

CONGRATULATIONS TO 6 NEW FULL MEMBERS

RICHARD BIGELOW
WILMINGTON, DE

DON ERICKSON
RIVERSIDE, CA

KARMAN KAWCHUCK
SASKATCHEWAN, CAN

BOB MARTIN
FULLERTON, CA

JULIAN ODHNER
HUNTINGTON, PA

WADE PRATER
MONROE, OR

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

JAMES ERWIN
BUFFALO, NY

RONALD NORMAN
WASHINGTON, DC

ERNEST KEMENY
ANAHEIM, CA

EMIL VICHA
NAPERVILLE, IL

JOHN BARBER
SAN LEANDRO, CA

ZYGMUND LOIN
WALLINGFORD, CT

DAVID SCHWEIKART
FAIRFAX, VA

BRUCE PEARSON
LAKE OSWEGO, OR

SCOTT WAYNE
NEW PORT BCH, CA

WALT KARCHESKI
WORCESTER, MA

MIKE BALDWIN
ASHEVILLE, NC

BOBBY DUNNIGAN
BCONE, NC

PHILIP WOROB
AUSTIN, TX

MARVIN DIAMOND
BALTIMORE, MD

DON LONGACRE
CALEDONIA, NY

DAVID SCHWAB
POTTSTOWN, PA

JOE BARRY
BURBANK, CA

DOUGLAS GRIER
BINGHAMTON, NY

STUART PHILLIPS
ENGLAND

BOB UNDERDOWN
SILOAM SPRINGS, AR

TETSUYA HIRAHARA
JAPAN

CHARLES MUEL
TUCSON, AZ

JOHN ROUSE
BOWIE, MD

L. BLOOMENTHAL
SAROSOTA, FL

ANDY SCHAEFER
HACKENSACK, MN

E.V. BLAIZE JR
METAIRIE, LA

GEORGE JACOBS
WASHINGTON, DC

BRIAN JONES
SOUTH AFRICA

G.M. PETERSON
MADISON, WI

J.C. DEVENDORF
LAGUNA NIGUEL, CA

MILO GETZ
ST CHARLES, MO

PETER ROUNDS
RIVERSIDE, CA

ROBERT PINCHUK
CINNAMINSON, NJ

DOMINICK YAGONO
BROOKLYN, NY

THOMAS BRENNAN
PALMYRA, NJ

EDWARD HOLTZMAN
MARYSVILLE, WA

SCOTT SNYDER
CAMILLUS, NY

DIANE LEVESQUE
CARBONDALE, IL

ALEX WOOD
B.C. CANADA

DAVID MCCREERY
ATLANTA, GA

DEREK DAVEY
TOLEDO, OH

Many of you listed above have sent in logging for this issue, we hope that you continue, and that the others will do likewise. Remember, SPEEDX is only as good as you make it..Good DX to all of you.

MEMBERSHIP STATUS

The recent election data has created inquires concerning the status of membership ie full or associate. We urge members to re-read the New Member Packet and or the SPEEDX constitution, Art 11, Sec 2 (b). In essence, they state: Full membership will cease to be valid immediately following any 12 month period during which required credits have not been earned. For a SASE our membership chairman; Vera Crable, Route 2 Box 379-B, Coeur d'Alene ID 83814, will be glad to advise you of your membership status. Month after month, I encourage you, in Keynotes and the Contributors page to retain your full membership by supporting the various sections.

CHANGE OF ADDRESS OF CDE

Bob Zilmer our Central Distribution Editor, has established a P.O. Box for the purpose of expediting the loggings to the respective editors, that he receives. Beginning immediately, those wishing to use a distribution point, should mail to; Bob Zilmer, P.O. Box 697, Milwaukee, Wis. 53201. Remember, that his deadline is the 10th of the month. He reports that many items are being received after that date. When you find that you must mail late, it is suggested that you mail directly to the editor.

ELECTION BALLOTS

A full members are receiving a ballot with the September issue of SPEEDX. Please exercise your rights, and vote for 3 members of your choice to the BOD, and mail your ballot to: Doug Snyder, to be received by him no later than September 30th.

HAP-MAN OF THE-YEAR

Former Director of the Handicapped Aid Program, Ted Poling of Beardstown, IL, was chosen as HAP's Man of the Year. The award presentation was made during the 1977 ANARC convention. Wayne Davis, who took over HAP's directorship early in 1977, termed Poling as a natural selection for the award because of the many years of serving HAP. SPEEDX headquarters agrees, as we have been in close contact with Ted for several years. SPEEDX will never forget his devotion and dedication to the Handicapped Aid Program, although a totally disabled man himself. All those wishing to drop Ted a line, may address him as; Ted Poling, Beardstown Hospital, Beardstown, IL 62618.

METROPOLITAN AREA DXERS

The next meeting of the MAD MEN will be on September 25, at the home of Bill Bergadano, 39 Marble Street, Staten Island, NY 10314. 11:00 AM until early evening. For directions write Bill or call him at (212) 698-4735. Or you may call Chris Hansen, (914) 968-6200.

NNRC'S 50th ANNIVERSARY

SPEEDXers and friends are invited to attend the Newark News Radio Club, 50th anniversary celebration on October 8. The event will begin at 2 PM, at the Bloomfield Civic Center, 84 Broad Street, Bloomfield, NJ. Please drop a card to Eugene G. Vonderembse, 31-50 30th St, Astoria, NY 11106, advising how many in your party, so that they can arrange for sufficient amount of refreshments.

MILWAUKEE AREA DX-ERS

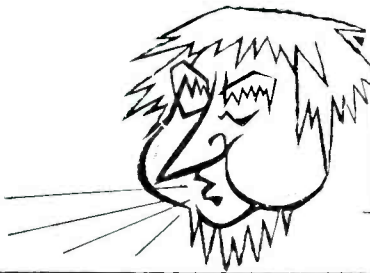
The MAD BOYS had their second meeting at the home of John Trautschold. John demonstrated the electronic equipment that he has built. ANARC Secy, Dave Browne was the guest speaker. Anyone in the Milwaukee area who would like to attend these meetings, are asked to contact Bob Zilmer, 9016 W. Mt Vernon Ave, Milwaukee, Wis 53226.

SPEEDX AWARDS PROGRAM

There is not sufficient room to list additional awards that have been issued, but I will use this space to suggest that before you order your certificates from the Awards Chairman, Jack Jones, 304 Robinhood Road Jackson, Miss. 39206, that you re-read the SPEEDX Awards Program, and the SPEEDX-EDXC Country list. Please acquaint your self on station counting and country counting. Some applications are listing RCI and CBC as separate stations. VOA and AFRTS are listed as separate stations (from same site). British Broadcasting Corporation (BBC) and Deutsche Welle (DW) in Antigua are listed twice as though they were transmitting from separate countries. Consult WIRTH, the DXers Bible, along with the Country List and the information on awards, and you wont go wrong.

Will try and find room in the next issue of the award certificates that Jack has issued.

A continuation of Keynote items appears on the last page.



ANARC

PART III

As Observed By Alan W. Brooks
74 Massachusetts Road...Oakdale, Connecticut 06370

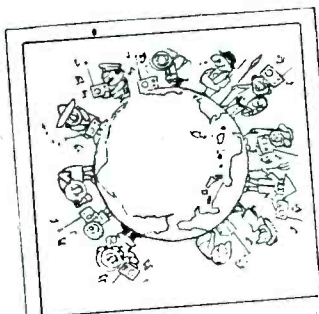
As mentioned in closing Part II of our report, on the 1977 Convention of the Association of North American Radio Clubs held during July in the Chicago area, we have a number of random notes on the activity at this year's conclave. Here are some of them...

CIAD MILLE FAILTE: Over sixty DXers from fifteen states and provinces attended the festivities at Palatine.....I was late arriving myself because a crowd at O'Hare Airport mistook me for Led Zeppelin....Our Northern New England accent helped native-New-Englander-turned-Californian Pete Grenier weather the cultural shock of a planned post-convention return to his native area...You never know what subjects will come up in a discussion between DXers. For example, why were John Trautschold, Ken Eaton, Ken Earhart, and your editor bantering about Indian land claims and the proper spelling of Menominee?...Richard Pistek reportedly tried to QSL the elevator, enclosing two IRC's for an air mail reply.....Mike Agner dining on "Lake Elsinore Halibut"...Trautschold's successful bid for a "Gaité Parisienne" tape at the HAP auction could mean a new theme for "SPEEDX REPORT". Just be thankful he was outbid for the Cugat tape....After the language quiz I promised never again to mistake Bengali for Hindi...Passed from hand to hand was a surprising Las Vegas Sun article on ANARC...

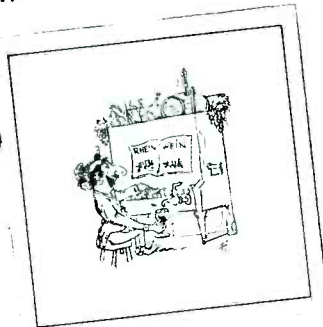
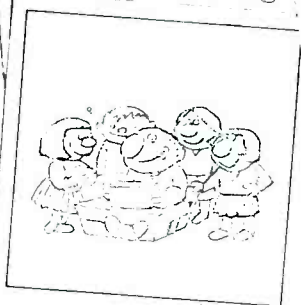
CE VARĂ CALDUROASĂ AVEM ANUL ACESTA: A product of the Friday night rumor mill was "hush-hush" announcement of the formation of an exclusive DX group to be known as "Numero Dos". Members are encouraged to submit only frequency changes by TWR-Bonaire. Headquarters said to be in El Segundo....ANARC's Dave Browne drew a chorus of boo's when in introducing convention Chairman Jeff White pointed out "now we turn from Browne to White"....The SWL-DXer controversy talk brought Dave's confession that he uses HCJB's "Morning In The Mountains" to psych himself up for morning California freeway driving....Veteran Canadian DXer Alfred Thornton allowed that in order to listen to his favorite programs daily the SWL had to obtain a certain amount of DX-pertise along the way...It was pointed out that in most States listening to program content is permissible among consenting adults....Ace DXer Don Jensen would later note that "QSLing encourages SWLing" as the desire for a verification usually requires great attention to program content...

AQUI TODO EL MUNDO ESTÁ DE PRISA: In a demonstration of the SINPO code in action attendees were asked to rate two sample recorded receptions. Results were predictably varied and very confusing. No QSLs were given....During the session on technical monitoring the recounting of Dave Walcutt's traumatic struggle to become a monitor brought a tear to the eye....Don Jensen introduced all to "The Black Magic School of DXing" and destroyed the myth that anything can happen on shortwave. Emphasis was, quite correctly, on the role of responsibility as part of getting to the top of DXing....Your editor and Roger Giannini swapped anecdotes about our mysterious mutual receipt of unsolicited Radio Cairo wall plaques....And, somehow, Pete Grenier managed to get Trautschold, Eaton, and Brooks involved in a lunchtime marketing survey. On to the beer and bratwurst!....In the afternoon WTPDA Publisher Peter Oprisko led us, color-by-color, through twelve months of "VHF-UHF Digest" covers...But, who is that under all those tapes and cameras?...

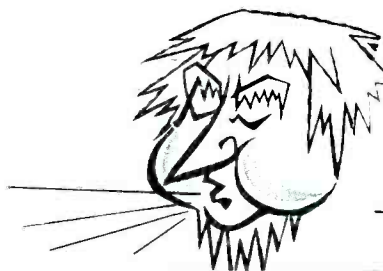
ANARC '77 PHOTO ALBUM
JOHN TRAUTSCHOLD
ENTERTAINS HIS FAN CLUB



CONVENTIONEERS FROM
FAR AND NEAR



KEN EATON
ENTERTAINS HIMSELF



ANARC

PART IV

As Observed By Alan W. Brooks
74 Massachusetts Road...Oakdale, Connecticut 06370

Oh, no! That's not the end of it! Our notebook is so full of observations, quotes, quips...some of them must be printable...Let's see! The ones we can't mention we'll probably tell you about in person at ANARC '78...Guess you'll just have to plan to be there.....

OU EST LA DEUXIEME BASE?: Mike Hogan's feature on the psychology of DXing acquainted us with the theory of positive and negative reinforcement. What it amounts to is achievement of limited goal that is found to be pleasurable so you keep on doing it. Sound like DXing?Bruce Elving's talk on "SCA, Radio The FCC Doesn't Want You To Hear" was provocatively sub-titled "Muzak To Pornography". Ear-catching title?....An interesting figure from Mike Hogan's leisure activity analysis indicated that the average person spends 3.7% of his time listening to the radio...Ever try to QSL Muzak or cable TV?....Frank Woltman had himself a rather bumpy ride from the Woodfield Mall. Just like the old rumble seat, Frank?...Picture Tom Gavaras buying postcards of the Chicago skyline being talked into buying different ones by the female cashier....Banquet speaker John Faxson, VOA's Chicago Bureau correspondent, secretary, and janitor, noted that he seldom gets a chance to talk to people who know what VOA is...too bad, though...John's being banished to Argentina next year...

CIKCKLERI KOPARMAYINIZ: International DXer-of-the-Year Clayton Howard revealed his early exposure to BCB DXing via utilization of a Crosley "Pup" led to a continuing interest in amateur radio. His initial involvement with HCJB began from an engineering standpoint.... His "Party Line" predecessor played Cupid for the Howards by announcing their engagement long distance. Helen was in Illinois, Clayton in Ecuador. Later on, their wedding would be broadcast over HCJB...."Party Line" originated as a medium for HCJB employees and staff to send messages home to relatives via shortwave radio...But what to do with the fifth Monday of the month? Of course! Fill it with DX news! And "DX Party Line" is born!....HCJB slides of "The Sheep Shed", the attic of the transmitter building, shown to be bedecked with signs indicating Capetown to be 5,728.6 miles this way and Santiago 2,040.7 miles that way....By the way, Mount Everest is not the highest point when measured from the center of the earth...Ecuador's Mount Chimborazo is!...You learn all sorts of things at an ANARC convention...

PERO DOVE SONO LE SIGNORINE?: Why did Pete Grenier telephone me at two o'clock in the morning? Because he was listening to Boston's WBZ for the first time in twelve years. Logical? ...Don Erickson, KDEE impresario, entered Sunday's business meeting late carrying his Mexican suitcase.....Tom Gavaras finally filled out his postcards during the business session after learning to write in an all-night cram course given by Greg Ravenhorst....During the ride back to the airport Hubert Paulson stood (or was it sat?) guard over my luggage while John Winslow gave me a crash course in long wave DXing.....Alfie Thornton took a farewell photo of Led Zeppelin's airplane...then instructed the courtesy car driver to "step on it" ...If nothing else, ANARC '77 set a record for most Radio Berlin International station pins given away....Renewed some old acquaintances, made some new ones. That always happens at ANARC....Translations of this month's paragraph headings are available from Omar M. Omar, 927 North Pasadena, Azusa, California, 91702...See you at ANARC '78...

ANARC '77 PHOTO ALBUM

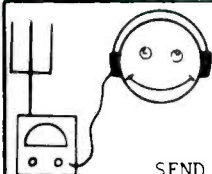


FRANK WOLTMAN PREPARES FOR A VERY BUSY SATURDAY

AUCTIONEER KEVIN MIKELL OFFERS 1967 RCI QSL CARDS



PETE GRENIER DEMONSTRATES LATE NIGHT DX TECHNIQUE



TECHNICAL TOPICS

???

Editor

RALPH SANSEERINO

TECHNICAL TOPICS
8422 CRANE CIRCLE
HUNTINGTON BEACH
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

First I would like to thank the following folks for sending info to this column in the past month: Richard Utter, Bob Underdown, L.P. Benjamin, Paul Granone, Larry Arneson, Dave Duke, Jay Golden, Donald Unruh, Jim McDonald, Vera Crable, Dennis Streveler, Mike Agner & Robert Fraser. If I have missed anyone I'm sorry. Thanks to all of you for taking the time out.

Letter received from National Sales Manager, Radio Department, Panasonic Company:
"Dear Sir: I have come across your club's name while reading about shortwave enthusiasts in the United States. As you may know, Panasonic has recently introduced a radio in the United States, which is designed for the avid shortwave listener. I am happy to say that the RF-2200 has been a strong success. I am enclosing a specification sheet for your info. However, the purpose of this letter is not to sell you anything. Rather I am looking for some information from you if you don't mind.

Panasonic has the capability to manufacture shortwave equipment of the highest quality and, in fact, our parent company, Matsushita Electric in Japan, sells many other units. I am trying to find out just what type of equipment people like yourself and your co-club members are looking for today. I am interested in specific features you would like to see in a radio(s) and what retail price you feel would be good for this.

I would also like to know what brands and models you are currently using and the prices paid for this equipment. Would you also tell me at what type of stores you bought your equipment, i.e. amateur radio store, department store, CB specialist, etc? Are there any specific stores that you would like to be able to buy Panasonic from because you feel they know the shortwave business?

As you can see, I have many questions and I really would appreciate your cooperation with them." (signed) Daniel Stolz, National Sales Manager.

How about it SPEEDXers, let me have your comments on the above letter. Here is our chance to offer an opinion of what WE want in a shortwave receiver. Please send your comments to this editor. I'll compile the info and forward to Mr. Stolz.

McKAY DYMEK DA-100 Member Richard Utter had image problems when using the DA-100 with his Drake SPR-4. He has made some modifications and rebuilt the power supply, and included switching for two antennas. If DA-100 users are interested, send a Self Addressed Stamped Envelope to: Richard Utter, 121 Glenora Gardens, Rochester, NY 14615

RADIO WEST A new company for the DXer/SWler/BCBer. RADIO WEST is currently offering modifications to the FRG-7, SSR-1, XCR-30 and SPR-4. RADIO WEST (headed by the well known technical wizard, Grant Manning) plans to offer a complete product line such as: calibrators, preselectors, frequency readouts, etc. This new company will do custom modifications on most receivers or accessories, working with the SWler/DXer/BCBer on a personal "made to order" basis. Most accessories such as the above or the new VLF converter can be built in or outboard. For info on specific questions write to: RADIO WEST, 3417 Purer Road, Escondido CA 92025

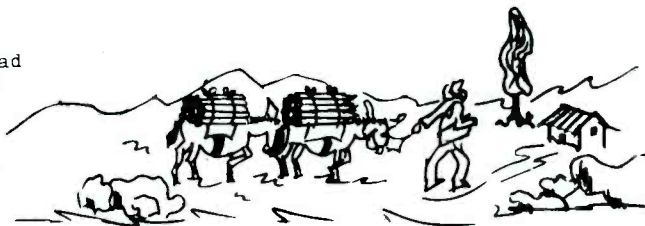
HELP Jay Golden, 6230 North Kenmore Avenue, Chicago, IL 60660 would like to get in touch with hobbyists that have used a digital readout/freq counter with the 51J-4, or have owned a R389, SRR-11 or a R648 low frequency receiver.

Many thanks to all members who sent info. I will answer your questions in a future Tech Topics column or by personal letter. It may take a little time as my 'letters to answer' stack is a foot high. Keep the questions coming folks.

SWBC DX - Western Hemisphere

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

Tim McCurdy
271 Starlight Crest
La Canada, CA 91011



EMPRESA NACIONAL DE RADIODIFUSION DEL PERU-ENRAD

Nearly every Latin DX enthusiast has at one time or another heard an ID for "ENRAD" and it's hardly a surprise since the Empresa Nacional de Radiodifusion del Peru, ENRAD, is the largest network in Peru. ENRAD boasts 34 shortwave and medium wave stations which, together with its TV net, provides virtually complete coverage of the country.

ENRAD is a loose organization ("decentralized" is the government's term) which was created by a 1974 statute mandating the formation of a broadcasting entity to ensure that the Peruvian broadcasting media adequately served the cultural, educational, information and entertainment needs of the nation. You may recall that in 1974 the military government strongly attacked the broadcasting media for corrupting the values of the people with foreign music, externally produced soap operas, and commercials for "luxury" products. ENRAD was the government's answer to this foreign influence and was designed to spread the good word of the "Peruvian Revolution".

From its inception ENRAD has been somewhat of a loose organization owing, in part, to the often reluctant participation of its member stations. Thus, while stations might carry educational programs prepared by ENRAD or participate in program exchanges, there is little if any real contact between some stations and ENRAD headquarters in Lima. As a result, despite attempts by ENRAD to set programming guidelines, there is little similarity between the network affiliates which remain highly independent.

ENRAD stations may be recognized by the various ENRAD slogans aired along with their own IDs. Among the more commonly heard ones are "ENRAD-PERU, voz e imagen del Peru"; "ENRAD-PERU es para todos los peruanos"; "La comunicaci3n y la informaci3n es un derecho que tienen todos los peruanos"; and "ENRAD-PERU, m3s comunicaci3n para todos". Look for these and similar announcements on these ENRAD affiliates:

| | |
|----------------------------------|-----------------------------------|
| Radio Nacional de Lima | Radio Chanchamayo de La Merced |
| Radio Nacional 1080 de Lima | Radio La Oroya de La Oroya |
| Radio Reloj de Lima | Radio Mollendo de Mollendo |
| Radio La Cr3nica de Lima | Radio Sudamericana de Pacasmayo |
| Radio Andahuaylas de Andahuaylas | Radio Grau de Piura |
| Radio Ayacucho de Ayacucho | Radio Puno de Puno |
| Radio Cajamarca de Cajamarca | Radio Juliaca de Juliaca |
| Radio La Hora del Cuzco | Radio La Voz de Altiplano de Puno |
| Radio Difusora Comercial | Radio Talara de Talara |
| Radio Chimbote de Chimbote | Radio Nacional de Tacna |
| Radio Andina de Huancayo | Radio San Juan de Tarma |
| Radio Junin de Huancayo | Radio Tumbes de Tumbes |
| Radio Huanuco de Huanuco | Radio Nacional de Tumbes |
| Radio Huaraz de Huaraz | Radio La Hora de Trujillo |
| Radio Ica de Ica | Radio Sudamericana de Trujillo |
| Radio Jauja de Jauja | Radio Nacional de Iquitos |

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The above article has been adapted from an article written by Ralph Perry which appeared in Issue #6 of the new limited circulation, bi-weekly newsletter "Fine Tuning" For more information on this excellent new publication contact editor Dan Ferguson, P.O. Box 8452, South Charleston, West Virginia 25303.

While on the subject of Peru and ENRAD we might mention a BBCMS report that at 1200 GMT on 27 July Radio Nacional in Lima was observed with the following announcement:

"As we had previously announced, today we inaugurate the National Broadcasting Network of the National Information System covering all the provinces. Our greetings to all Peru which is listening and participating with us in our inaugural transmission. Good Morning Peru throughout the National Network."

The BBCMS further reports that after the head of the National Information Service (Sinadi), Brig. Montenegro, had formally inaugurated the new network, Radio Nacional broadcast a 60-minute program entitled "Informativo Cadena Nacional". This "new" network includes 28 stations according to announcements and is likely similar to ENRAD. Its sole function appears to be to disseminate Government prepared newscasts.

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Ace DXer John Moritz of Youngstown, Ohio reports that E.A. Daly, Chief Engineer of Radio Demerara, advises in a letter that that station is still active on 3265 khz daily from 0815-0200 GMT. The station no longer uses 5980 khz which Mr. Daly lists as "temporarily discontinued".

---- 0000 ----

As you have no doubt noted from various reports in Western Hemisphere, the governments of many Latin American countries feel freedom of speech is a privilege, not an inalienable right. The governments thus all exercise some form of control over program content and slap fines and license suspensions on those stations that abuse their "privilege" by not exercising proper restraint. The latest victim of this doctrine is Radiodifusora Venezuela who, according to the "Venezuelan Economic review", was fined Bs 4,000 because a caller to a public participation program spoke of the President in disrespectful terms and his comments went out over the air.

---- 0000 ----

Radiobras, the newly established Brazilian broadcasting authority, is to acquire control of Radio Rural Brasileira according to an article in the July 22 issue of the newspaper "Jornal do Brasil" reports the BBCMS. An inventory commission is to be appointed to take over the station before the transfer is made from the Ministry of Agriculture, the station's current owner, to the Ministry of Communications which is responsible for overseeing Radiobras operations.

The BBCMS also reports that another inventory commission will be appointed to take over Radio Ministerio Educação e Cultura operating in Brasilia and Rio prior to that stations assimilation into the Radiobras setup. Radiobras, the report adds, already has control of Televisão Nacional, Brasilia, Radio Nacional de Rio, Radio Ipanema, and Radio Nacional de Roraima. Televisão Nacional de Rio will also soon join the Radiobras fold which will eventually consolidate all government broadcasting operations in a single organization.

---- 0000 ----

Speaking to NUvention IV in Columbus on 13 August well known DXer Don Jensen addressed himself to the need for DXers to "clean up their act" as far as reporting is concerned. He mentioned, and I most heartily second, the need to reverse the trend towards terse, and often meaningless reports. He further pointed out that the responsibility for proving that a station was heard falls on the DXer himself, not the station or the column editor. Moreover, Don stressed that the only way the DXer can live up to this responsibility is to provide as many details as possible about his catch so as to permit others to corroborate his story. Thus, reports should be specific as to type of music heard, texts of IDs, time of newscasts, etc. and avoid the use of meaningless terms such as LA MX, TLK, and the like. Report more details! This column and your reputation as a top DXer will improve if you do..... Now, off to the races with the usual reminder that all times are GMT, dates are in the month/day format, and the SFC code is used to record reception conditions noted. And so, over to Tim.

ANTIGUA

5960 0549 DW: EE on ID's Fren's sign-off (444 8/12 Hall-CA)
6040 0130 DW: EE ID nx (555 8/1 Hollenbeck-CA)(Zilmer-WI)(Yohana-NJ)
6085 0330 DW: GG pop mx (444 7/25 Zilmer-WI)(0500 544 Bryan-CA)(Gaede-CA)
6175 0507 BBC:EE nx Review of British Press (454 7/10 Unruh-CA)
6195 1100 BBC:EE wld nx (443 7/25 Zilmer-WI)
9510 0500 BBC: EE nx (444 8/5 Pearson-OR)(McCurdy-CA)
9545 0448 DW: GG Intervew program (444 7/11 Gaede-CA)(Hall-CA)(Yohana-NJ)
9690 0750 DW: GG program and nx (555 8/5 Mappin-WA)(0751 454 Hall-CA)(Zilmer-WI)
9735 0345 BBC: SS tx mx (444 7/31 Zilmer-WI)(Pierce-MA)(1100 444 SS Zilmer-WI)
(Dunnigan-NC)
11785 1200 DW: GG ID freq's schedule nx new freq replacing 11970 (454 7/30 Zilmer-WI)
11795 0114 DW: GG mx ID's (444 7/27 Naylor-CA) QRM from R. Moscow @ 0130.
11810 1202 DW: GG wld nx (455 8/1 McCurdy-CA)(Zilmer-WI)
15185 1200 DW: GG ID GG freq schedule nx tx mx (353 7/30 Zilmer-WI) // 11785
15410 0000 DW: GG IS ID nx tx (454 7/28 Thompson-NM)

ARGENTINA

6060 0832 LRA31 R. Nacional: SS Home service classical mx TC's ID's (444 8/14 Hall-CA)
9690 0118 LRA32 RAE: SS tangos om ID yl (ss 7/13 Bryan-CA)(Young-NJ)(Joseph-MO)
11710 2207 LRA35 RAE; SS ID then mx (444 7/31 Getzel-NY)(Grenier-CA)(Novello-NY)
(Famularo-NJ)(Dunnigan-NC)(Ricci-CA)(Tannenwald-NY)(Unruh-CA)
15345 1618 LRA33 R. Nacional: SS ann in SS military band and review (344 8/9 Caliri-MA)

BELIZE

3285 0330 R. Belize: EE pop mx ID (322 7/13 Bryan-CA)

BOLIVIA

4875 0153 CP75 La Cruz del Sur: SS om tx ID's (222 7/10 Young-NJ)
6035 1035 CP92 R. Panamericana: SS pop mx toll100 ID Freq's (342 8/4 Jones-MS)

BRAZIL

4755 0300 ZYF23 R. Dif. do Maranhao: SS tx mx ID's (212 7/30 Worob-TX)
4785t 0105 ZYM8 R. Ribamar: PP orchestral mx om singing ID Ironside theme het problems
tentative (422 8/2 Agner-NJ)
4905 0210 ZYD71 R. Relogio Federal: PP om ads yl TC each minute (353 8/11 Whitehead-MA)
Welcome back to the logging section Jim. hi (Worob-TX)
4915 0220 ZYE2 R. Dif. Macapa: PP US pop vocals ads (322 8/11 Whitehead-MA)(Tannenwald-
NY)(Trautschold-WI)
4985 0420 ZYX2 R. Brasil Central: PP Brazilian pop mx (443 7/10 Bryan-CA)(Maghakian-NY)
(Schipelliti-MA)(Trautschold-WI)(Dunnigan-NC)(Tannenwald-NY)
5965 0915 ZYU60 R. Guaiba: PP tx mx ads (443 7/31 Zilmer-WI)
5045 0245 --- R. Cultura do Para: PP TC jazz vocals (434 8/9 Whitehead-MA) Sorry Jim
that it's out of order ed.
6000 0028 PRK5 R. Inconfidencia: PP om yx mx ID's (333 7/7 Worob-TX)
6035 0153 ZYV65 R. Globo: PP om w/ constant tx TC's LA mx (233 8/11 Hall-CA)
(Zilmer-WI)
6095 0743 ZYB7 R. Dif. Sao Paulo: PP ads mentions of Sao Paulo ID's (324 8/6 Orr-CO)
Welcome back Tony ed
6185 0526 ZYE239 R. Bandeirantes: PP light classical mx QRM from DW (--- 8/8 Famularo-
NJ)
9585 2230 ZYR234 R. Excelsior: PP network (332 8/5 Zilmer-WI)
9665 1100 PRL8 R. Nac de Brasilia: PP ID's tx mx ads (433 7/29 Zilmer-WI)
9675 0827 ZYT29 R. Diario da Manha: PP folk mx full ID ann om (323 8/16 Orr-CO)
9705 0930 ZY224 R. Ipanema: PP tx local mx laughter (332 7/31 Zilmer-WI)
11785t 2221 ZYU61 R. Guaiba: PP sx match no ID Tentative (323 7/31 Getzel-NY)
11815 0026 ZYM24 R. Brasii: PP om yl tx ID LA mx (343 8/13 Hall-CA)
11925 0123 ZYE239 R. Bandeirantes: PP om fast tx whistles behind TWR (333 8/11 Hall-CA)
11950 2200 PRL3 R. Ministerio da Educacao: PP tx (322 7/20 Zilmer-WI)
15145 0145 ZY387 R. Jornal do Comercio: PP sportscast (353 7/15 Maghakian-NY)(Worob-TX)
(Getzel-NY)
15445 2308 PRL8 R. Nacional de Brasilia: PP nx commentary spill over from WYFR on 15440
(222 7/12 Gaede-CA)
17815 0405 ZYE419 R. Cultura: PP SA mx some tx ID (--- 7/9 Maghakian-NY)

CANADA

5960 0030 RCI: SS sign-on nx (555 8/7 Snyder-NY)(Licci-MA)
 6005 2035 CFCX: EE nx ads nx tx (555 7/10 Brodsky-NY)
 6070 0730 CFRX: EE om freq's ID (222 8/12 Hall-CA)(Gaiouas-VT)



Radio Canada International

6140 0622 RCI: EE on sx ID (545 8/12 Hall-CA)
 6120 0115 BEC: Outlook w/ comments on Ethiopia and Somali (444 7/26 Thompson-IRI)
 6130 1215 CHNX: EE pop mx ID's ads TC (333 7/26 Getzel-NY)(Hammer-CH)
 6195 0400 CEC: EE nx sx wx mx (333 7/16 Gaede-CA)(0506* 555 Young-NJ)(Pearson-OR)
 (Unruh-CA)(Gaede-CA)
 9510 0506 BEC: EE wld nx "24 Hours" (444 8/9 Grenier-CA)(Unruh-CA)(McCurdy-CA)
 9535 0100 RCI: EE nx commentary sx wx (444 7/24 Breitung-IL)(Crabble-ID) Welcome Vera.
 Hope you can take time out to send more to me, ed
 11700 1357 RCI: om yl mining in Canada (323 8/10 Dutkowski-BC)
 11750 0005 RCI: EE nx ob yl (343 7/1 Young-NJ)
 11845 0306 RCI: EE nx (7/11 Young-NJ)(Sueoka-HI)(hall-CA)(Dutkowski-BC)
 11855 1931 RCI: EE tx on Canadian dollar (242 7/26 Grenier-CA)(Arnold-CA)
 11940 1605 RCI: EE Ann Murray singing (544 7/20 Dutkowski-BC)
 15190 2329 RCI: -- IS between PP and SS services (444 8/14 Hall-CA)
 15260 1915 RCI: EE Piano pop mx om ID (--- 7/10 Bryan-CA)
 15365 1540 RCI: EE classical mx nx @ 1600 // 15400 (444 7/24 Maghakian-NY)
 17760 1905 RCI: EE yl nx ID (444 8/12 Hall-CA)
 17780 1400 RCI: mmission to Africa nx commentary (544 7/10 Stonc-ONT)
 17820 1550 RCI: EE commentary (555 7/31 Stone-ONT)

CHILE

9580 0342 CE958 La Voz de Chile: SS ID nx commentary (433 7/23 Zilmer-WI) ex 9566
 9750 1033 CE975 R. Mineria; SS lively mx pgm DJ (444 7/30 Schipelliti-MA)(Jones-MS)
 11810 1440 CE1180 La Voz de Chile: EE om ID IS mx (333 7/31 Bryan-CA)

COLUMBIA

4815 0330 HJVG R. Guatapuri: SS om tx ID's tx (222 7/16 Worob-TX)(Bryan-CA)(Barhart-PA)
 4875 0845 HJLW Ecos de Combeima: SS Ballads TC ID (333 7/26 Tannenwald-NY)(Hoffman-PA)
 4910 0436 --- Em. Gran Columbia: PP tx by on (343 7/20 Maghakian-NY)
 4945 0544 HJDH R. Colosal: mx (344 7/15 Young-NJ)(McDonald-HI)(Heath-KY)
 4965 0433 HJAE R. Santa Fe: SS LA mx ID's (343 8/2 Underwood-AR)(Crabble-ID)(Young-NJ)
 5010 0217 HJOX E. Surcolumbia: SS IS tx (323 7/10 Young-NJ)(Hammer-OH)
 5020 0230 HJFW R. Ecos del Atrato: SS Fiesta mx ID (343 8/9 Whitehead-MA)(Worob-TX)
 5040 0240 HJOW R. Cinco: SS modern SS mx shouting pop romantical vocls ID (333 8/9
 Whitehead-MA)
 5060 0330 --- R. Progreso: SS prog of pop mx (322 7/27 Dunnigan-NC)
 5075 0200 HJGO R. Sutatenza: SS mucho ID's LA mx (343 7/9 Trautschold-WI)
 5095 0230 HJGG R. Sutatenza: SS tx mx ID (444 7/27 Dunnigan-NC)(Sweikart-VA)
 6000 0905 HJGB R. Super: SS bad signal QRM LA mx (222 7/13 Trautschold-WI)
 6065 0649 HJAX R. Super: SS mx ID's (233 7/15 Young-NJ)
 6115 0422 HJIA R. La Voz Del Llano: SS mx ID's mx (333 7/17 Getzel-NY)(Lobdell-MA)
 6150 0423 HJFP R. Voz del Huila: SS mx male vocals (433 7/31 Getzel-NY)
 6160 0800 HJKJ Em. Nuevo Granada: SS yl ID LA mx (333 8/12 Hall-CA)(Trautschold-WI)
 9655 1209 HJ-- R. Dif. Nac de Columbia: SS NX relay of R. Nac (444 7/16 Jones-MS)
 (Novello-NC)(Zilmer-WI)(Agner-NJ)(Lobdell-MA)
 15328 2130 HJZF R. Dif. de Columbia: SS Classical mx (433 7/24 Zilmer-WI)
 15335 0425 HJZF R. Nacional: SS classical mx ID (454 7/30 Maghakian-NY)(Hall-CA)

COSTA RICA

4832 0525 TIHB R. Reloj: SS om ID ads LA mx (332 7/10 Bryan-CA)(Heath-KY)
 6006 0749 TIHB R. Reloj: SS LA mx ID's by on (444 8/1 McCurdy-CA)(Trautschold-WI)
 (Hall-CA)
 9645 1312 TIFC Faro del Caribe: SS VOA SS nx ID TC popmx (352 7/21 Jones-MS)
 12012 0221 TIHB R. Reloj: SS tx and LA mx 2 x 6006 (323 7/10 Young-NJ)

CUBA

6060 0037 RHC: SS interview w/ commentary ID address freq's (444 8/1 Naylor-CA)
(Gaede-CA)
9650 0124 RHC: EE tx about small Cuban town (444 8/7 Snyder-NY)
9685 0102 RHC: EE om yl Cuban mx (444 8/13 Hall-CA)(Naylor-CA)(Mason-ONT)(Stone-ONT)
(Gaede-CA)(Sueoka-HI)
11725 0228 RHC: EE ID asking for info on programs listeners like (544 8/5 Mappin-WA)
(Brodsky-NY)(Romani-MI)(Pearson-OR)(Young-NJ)(Smith-FL)
11760 0400 RHC: EE nx mx (544 7/20 Brodsky-NY)(1800 554 Brodsky-NY)
11970 *1500 RHC: SS om yl ID contest nx (444 8/13 Hall-CA)
15230 0623 RHC: -- Interval signal (233 8/14 Hall-CA)(Dutkowski-BC)(Yohana-NJ)
15300 0147 RHC: SS SA vocals Instr. mx ID QRM-HCJB (333 7/21 Naylor-CA)(Dutkowski-BC)
(Hall-CA)
17705 1603 RHC: SS om yl tx ID brief mx (333 7/10 Bryan-CA)
17785 2025 RHC: EE nx (555 8/5 Mason-ONT)(Unruh-CA)

DOM. REP.

4826mt 0255 HIFA LV de las Fuerzas: slow mx sign-off announcements, het over ID
sign-off at 0255. Tenative (222 7/23 Trautschold-WI)
4850 0405 HILR R. Clarin: SS om ID yl tx LA mx (432 7/10 Bryan-CA)(Worob-TX)
(Young-NJ)
9505 0320 HISS R. TV Dominicana: SS LA mx tx (444 7/27 Hamilton-CA) QRM BBC-9510
11700 0030 HILR: R. Clarin: SS om nx? mx (444 7/26 Crable-ID)(Trautschold-WI)(Naylor-CA)
(Sweikart-VA)(Thompson-NM)(Grenier-CA)(Joseph-MO)(McDonald-HI)
(Underdown-AR)(Stone-ONT)(Ricci-CA)(Elder-SASK)(Dunnigan-NC)(Unruh-CA)
(Barhart-PA)(Hamilton-CA)(Getzel-NY)

ECUADOR

4680 0206 HCWEL R. Nac. Espejo: SS om tx (332 7/10 Young-NJ)(Worob-TX)
4765 *1041 HCAJ2 R. C.R.E: SS NA ID calls freq's TC (242 7/12 Jones-MS)
4820 *0925 HCP56 R. Pas Y Bien: SS NA Day's sched TC tx (343 8/3 Jones-MS)
4870 0230 HCGM7 R. Rio Amazonas: SS ID Ecuadorian mx into SS relig prgm (333 8/11)
(Whitehead-MA)
4940 0401 HCXZL R. Nac. de Ecuador: SS om tx mx ID's (333 7/23 Worob-TX)
4960 *1110 HCSF7 R. Federacion: SS NA symphony mx ID calls Freq's (443 8/6 Jones-MS)
5060 1104 HCEH3 R. Nac. Progreso: SS TC ID Ecuadorian mx (343 8/6 Jones-MS)
6095 0613 HCJB La Voz de Andes: EE yl interviewing om (444 8/12 Hall-CA)(Gaede-CA)
(Young-NJ)
9560 0130 HCJB La Voz de Andes: EE "Passport" (333 7/19 Young-NJ)(Smith-OH)(Pearson-OR)
(Hollenbeck-CA)(Erwin-NY)(Stone-ONT)(Smith-FL)(McCurdy-CA)(Thompson-NM)
(Snyder-NY)
9585 0635 HCJB La Voz de Andes: FF prog on answering letters (454 8/5 Hamilton-CA)Ken
says that the address is in France but the station is HCJB. ed (Hall-CA)
(Young-NJ)
9745 0745 HCJB La Voz de Andes: EE Rel. program (444 8/5 Mappin-WA)(Young-NJ)
11830 0400 HCJB La Voz de Andes: Romanian program EE ID choir mx (333 8/1 Maghakian-NY)
(Young-NJ)
11915 0130 HCJB La Voz de Andes: EE "Passport" (544 8/4 Miller-CA)(Young-NJ)(Lobdell-MA)
(Caliri-MA)(Gaede-CA)(Woltman-WI)(Grenier-CA)(Stone-ONT)
15089a 1955 HCJB La Voz de Andes: SS prgm "Corazon a Corazon" typical LA mx sign-off
What is it? It can't be an image or harmonic. Is HCJB operating out of band
now? ID is definite (454 8/3 Hamilton-CA)
15115 1400 HCJB La Voz de Andes: EE Kate Smith Song ID (544 7/25 Mappin-WA)(Miller-CA)
15210 1510 HCJB La Voz de Andes: SS Rel program ID's (222 8/20 Dutkowski-BC)
15310 1929 HCJB La Voz de Andes: EE mx om s/on (333 8/13 Hall-CA)
15345 2240 HCJB La Voz de Andes: RR rel vocal mx om tx ID's (444 7/31 Naylor-CA)
17755 *1630 HCJB La Voz de Andes: EE s/on TC ID (343 7/10 Bryan-CA)(Yohana-NJ)(Romani-MI)
(Smith-FL)(Hall-CA)(Brodsky-NY)

GUATEMALA

2390 0140 TGDS La Voz de Atitlan: SS orch mx vocals ID's tx (343 8/5 Thompson-NM)
3300 0335 TGNC R. Cultural: EE Rel prgm (433 7/13 Bryan-CA)(Grenier-CA)(Dunnigan-NC)
3360 0811 TGVN LV de Mahala: SS xylophone mx om anncrs ID (333 7/29 Agner-NJ)
6180 1050 TGBA R. Nacional de Guatemala: SS ID's anthem tx mx drama (343 7/20 Zilmer-WI)
(Jones-MS)

HAITI

9770 1146 4VEH: EE rel sermon mx ID @ 1200 (322 7/13 Getzel-NY)(Link-CA)
11835 1230 4VEH: EE TC in EST EDT rel prgm (454 8/1 Schipelliti-MA)(Beaudoin-CN)(Bryan-CA)
(Hall-CA)

HONDURAS

4820 0300 HRVC W Evangelica: EE ID s/on mx (233 8/10 Caliri-MA)(Smith-FL)(Eryan-CA)
(Naylor-CA)(Lunnigan-NC)(Roper-AL)

6075 1253 HRMH5 LV del Junco: SS rel prgm ads several ID's at 1259 (242 7/21 Jones-MS)

MEXICO

6105t 0200 XEQM Su Pantora: SS prgm non stop tx QRN tentative (222 8/11 Hall-CA)

6115 0250 XEUDS R. Universidad de Sonora: SS tx mx (323 7/6 Worob-TX)(Bryan-CA)

9680 1325 XEMEX R. Mexico: SS tx then EE ID @ 1325 (533 7/28 Snyder-NY)

15160t 0157 XEWV R. Mexico: SS play om annmnts (444 8/2 Agner-NJ)(Worob-TX)

15385 0120 XEMEX R. Mexico: SS yl tx LA mx (433 7/3 Stone-ONT)(Dutkowski-BC)(Mappin-WA)
(Maghakian-NY)

MCNTSERRAT

9590 0130 DW: EE IS s/on om nx (433 7/14 Bryan-CA)(Zilmer-WI)

NETH ANTILLES

6020 0030 R. Nederland: SS s/on IS ID nx commentary (322 7/27 Shreedhar-India)

6165 0200 R. Nederland: EE "Newsblock" prgm (555 7/8 Yohana-NJ)(Stone-ONT)(Erwin-NY)
(Hollenbeck-CA)(Mason-ONT)(Shora-ONT)(Bryan-CA)(Brodsky-NY)

6190 0344 TWR: EE s/on ID freq announcement (--- 7/12 Yohana-NJ)

9630 0645 R. Nederland: EE special "Happy Station" dedicated to the Jones' (454 7/10
Smith-FL)(Hall-CA)

9715 0500 R. Nederland: EE "Out of the Blue" mx (544 7/20 Howarth-WA)(Gaede-CA)
(Pearson-OR)(Yohana-NJ)(Somers-CA)(Mappin-WA)(Unruh-CA)(Grenier-CA)
(Brodsky-NY)

11790 0140 TWR: SS old mx wld nx (545 7/29 Miller-CA)(Worob-TX)

11815 1120 TWR: EE rel prgm (252 7/24 Unruh-CA)(McCurdy-CA)(Hall-CA)

11830 2159 TWR: EE/FF ID in EE IS prgm in FF (555 7/24 Schipelliti-MA)

11925 0036 TWR: EE rel prgm w/ mx (453 7/14 Somers-CA)(Shora-ONT)(Stone-ONT)
(Unruh-CA)(Shreedhar-India)(Elder-Sask)(Link-CA)

15365 1523 R. Nederland: EE om commentary (233 7/20 Dutkowski-BC)

15445 2225 TWR: PP IS ID rel prgm mx w/ yl (444 7/13 Unruh-CA)(Grenier-CA)

PERU

4780 0237 OAX4F R. Atlantida: SS apparent SS sports commentary (333 7/23 Agner-NJ)

4840 0551 OBX5E R. Andahuayles: SS om tx mx singing (233 7/3 Worob-TX)

4885 0450 OAX5X R. Huancavelica: SS LA mx pop mx TC's ID's (232 7/30 Trautschold-WI)

5010 0205 OAX8V R. Eco: SS sportscast by om (343 7/30 Maghakian-NY)

5970 1042 OBX4Q R. El Sol: SS TC's ad string (444 7/16 Jones-MS)(Zilmer-WI)

5980 0640 OBX4M R. Panamericana: SS LA US rock mx DJ platter ID s/off at 0700.
(353 7/31 Trautschold-WI)

6010 1031 OAX4V R. America: SS om/yl tx on agriculture ID ads Reloj spill over
(232 7/16 Jones-MS)

6020 1035 OAX4Q R. Victoria: SS "Sinfonia de Victoria" mx het (332 7/16 Jones-MS)

9505 0342 OAX4W R. America: SS ID TC Denny White mx (433 5/16 Orr-CO)

SURINAM

4779 0200 SRS: political tx in DD and Hindustani SRS mentioned (433 7/26 Agner-NJ)
(Young-NJ)(Caliri-MA)(Lobdell-MA)(Schipelliti-MA)(Donly-SC)

URUGUAY

6045 1025 CXA61 R. Dif. del Uruguay: SS ads TC's ID (322 8/4 Jones-MS)

11835 0301 CXA19 R. El Espectador: SS ID ads mentions of Rio-de-la-Plata (7/13 Bryan-CA)

UNITED STATES

5995 0258 VOA: EE IS nx (555 7/1 Young-NJ)

6010 0317 VOA: SS yl tx about British radio and TV (555 8/11 Hall-CA)

6020 0612 VOA: FF popular music vocal-instrumental (333 7/9 Gaede-CA)

6015 0244 BBC (Dixon): SS om SS tx ID's (333 7/16 Worob-TX)

6030 0249 AFRTS: EE Baseball Chicago vs Cleveland (545 8/10 Caliri-MA)(Brodsky-NY)
(Gaede-CA)

6055 0503 UN: EE newsbroadcast ID IS (444 8/13 Hall-CA)

6080 0607 VOA: EE newsbroadcast (333 7/9 Gaede-CA)

6155 0115 WYFR: EE Bible Reading (3338/4 Erwin-NY)(Broadsky-NY)(Gadous-VT)(Hall-CA)
(Diamond-MD)(Getzel-NY)(Young-NJ)

9510 0215 BBC: EE Europa program report on Belgium (534 7/31 Yohana-NJ)

9545 1632 VOA: ?? yl ann songs om nx ID's (444 8/7 Dutkowski-BC) I can't find
9545 on at this time. You stated it was in Phillipino VOA doesn't
broadcast in that language. Be careful with the ID's, ed

9555 *0700 KGEI: EE sign-on freq's address prgm to Asia. New freq (444 8/15 McCurdy-CA)
(Hamilton-CA)

UNITED STATES

9580 1030 VOA: SS non stop mx by on (555 7/26 Fraser-MA)
 9615 0520 KGEI: SS LA mx (333 7/11 Gaede-CA)(Smith-FL)
 9700 1433 AFRTS: EE om anncr nx (444 ? Dutkowski-BC)(Mappin-WA)
 9750 1255 VOA: EE The Jazz Hour (545 8/8 Snyder-NY)
 9755 0737 AFRTS: EE Howard Baker Politicking (555 8/5 Mappin-WA)(Gaede-CA)
 11730 0230 WINB: classical mx ID in SS and EE TC address new frequency as noted in
 July issue (433 7/30 Trautschold-WI)
 11790 1436 AFRTS: EE "Speaking of Everything" (433 8/10 Dutkowski-BC)
 11805 1600 AFRTS: EE Gene Schallerte Book Reviews (333 7/21 Gaede-CA)(Miller-CA)
 (Schweikart-VA)
 11830 0029 OAS: SS om s/on (444 8/13 Hall-CA)
 11865 1540 VOA: CC nx-commentary (333 7/21 Gaede-CA)(Dutkowski-BC)
 11915 1544 VOA: om nx commentary (533 7/20 Dutkowski-BC)
 15185 2055 WINB: EE rel prgm (333 7/29 Erwin-NY)(Schweikart-VA)
 15330 1750 AFRTS: EE AP nx (555 7/21 Brodsky-NY)(Bryan-CA)
 15410 1923 UN: coverage of the UN security meeting (444 8/13 Hall-CA)(Gaede-CA)
 15425 1830 AFRTS: EE Baseball Yankees vs Royals (444 7/17 Schweikart-VA)
 15440 0120 WYFR: SS religious prgm (555 7/26 Stone-ONT)
 17720 1751 WINB: EE ID religious prgm (122 7/20 Young-NJ) Charlie how could you
 understand the ID with that SIO reading? ed
 17845 2030 WYFR: EE rel prgm tx QRM from VOA (433 7/7 Brodsky-NY)(Erwin-NY)

VENEZUELA

4770 0144 YVNW R. Bolivar: om DJ type prgm jingles TC LA mx (333 7/29 Trautschold-WI)
 (Dunnigan-NC)
 4800 0104 YVMO R. Lara: rhumbas mx severe het ID TC (222 7/30 Trautschold-WI)
 (Tannenwald-NY)
 4810 0200 YVMG R. Popular: LA mx ads ID (322 7/30 Tannenwald-NY)(Trautschold-WI)
 (agner-NJ)
 4830 0145 YVMS R. Universo: SS LA ballads tx ID'S (333 7/24 Tannenwald-NY)(Worob-TX)
 4940 0130 YVPA R. Yaracuy: SS LA mx (322 7/14 Tannenwald-NY)
 4970 0330 YVLK R. Rumbos: SS ID LA mx (343 7/24 Trautschold-WI)(Getzel-NY)(Young-NJ)
 (Worob-TX)(Bryan-CA)(Underdown-AR)(Miller-CA)(McDonald-HI)(Tannenwald-NY)
 (Mappin-WA)(McCurdy-CA)(Thompson-NM)(Heath-KY)
 4980 0045 YVUC Ecos del Torros: SS LA mx ads ID (323 7/14 Tannenwald-NY)(Getzel-NY)
 (Grenier-CA)
 4990 0115 YVMQ R. Barquisimeto: SS LA songs IP (322 7/24 Tannenwald-NY)(Compton-MA)
 (Getzel-NY)
 5030 0400 YVMK R. Reloj Continente: SS mx ID's (444 7/27 Dunnigan-NC)
 6190 2335 YVPC Ecos del Torbes: SS DJ Type prgm tx (343 7/22 Donly-SC)
 9660 0500 YVLM R. Rumbos: ID Venezuelan folk mx (333 7/22 Trautschold-WI)(Joseph-MC)
 (Hamilton-CA)(Howarth)(Mappin-WA)(Schweikart-VA)
 15400 2220 YVKO R. Nac. de Venezuela: SS popular mx (444 8/9 Gaede-CA)(Heath-KY)
 (Schweikart-VA)

-----DX FLASH-----

BRAZIL

** The external service on Radio Nacional has been discontinued.
 ** Monitoring reports show that Radio Cultura in Aracaquarta in Sao Paulo operates
 on 3345kHz and Radio Colonial in Tres de Maio Rio Grande do Sul broadcasts on
 4380KHz and 1460 KHz. BECMS.

BOLIVIA

** Monitoring observations reveal that Radio Battalion Topater The Voice of the National
 Army operates from Oruru on 4980kHz. BECMS
 ** Monitoring reports have established that radio Progreso which was closed by government
 decree is now operational on 6005KHz. BECMS

USA

** WYFR's publication of Family Radio news reported on the construction of its new trans-
 mitter in Okeechobee, Florida. The first antennas are being erected and the first trans-
 mitters are being installed. They should begin broadcasting from Florida with the first
 transmitter in August or September.
 This item from Bobby Dunnigan.

All items marked BECMS cannot be used without permission from BEC. That is it for this
 month. Those of you who sent me letters will receive an answer. I received about 25
 letters. A lot of reports this month. 68 reporters. Thanks for the great support so far.
 See you next month 73's



Editor:

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

ALBANIA

6200 0135 R. Tirana: Nx (444 7/17 Brodsky-NY); 0255 (222 8/3 Diamond-MD)(222 8/9 Gelfand-NY)
7065 0345 RT: ARABIC, OM w/ Nx & Cmnty...0357*; *0400-RR (433 7/22 Watts-IN)
7120 *0300 R. Peking via Tirana: Nx & propaganda (433 7/15 Brodsky-NY)
7300 *0230 RT: IS, Nx, Ideological tlks, IDs, slight CW QRM. (444 8/5 Famularo-NJ)(434 7/2 Stone-ONT)(333 8/1 Brodsky-NY)(333 7/19 Schweikart-VA)(433 7/30 Grenier-CA)(434 7/4 Woltman-MI); 0130 (322 8/3 Norman-DC)(333 8/11 Hall-SA); 0332 (544 8/7 Snyder-NY)(545 7/8 Yohana-NJ)
9480 2224 RT: OM w/ rpt on oil industry, 2230* (544 8/5 Mason-ONT) xmsn to Europe. ps.
9500 0635 RT: Nx by YL, political tlk & tlk abt Lennin (333 8/1 Franck-VA)
9580 1400 RT: Nx & tlks (323 7/26 Shreedhar-INDIA)
9780 0100 R. Peking via Tirana: tlk abt China, ID, "Peoples Corner" (434 7/30 Franck-VA)(322 7/12 Bryan-CA)

AUSTRIA

6155 0134 Osterreichischer Rundfunk: Nx, tlk abt Austrain towns (433 7/18 Maghakian-NY)
9620 2121 ORF: GG, ID, cl Mx (322 7/31 Hammer-Ohio)
9770 0129 ORF: ID w/ freqs. "Rpt from Austria", Nx & features (444 8/7 Franck-VA)(434 8/3 Joseph-MO)(433 7/21 Maghakian-NY)(333 7/19 Fraser-MA)(433 7/26 Skora-ONT); 0200-GG (322 7/13 Bryan-CA)
11815 0830 ORF: "Austria Calling" (433 7/26 Shreedhar-INDIA)
15105 0945 ORF: "Austrian Sports Scene", YL w/ tlk abt golf (334 7/12 Bowers-TURKEY)
15270 *2300 ORF: GG, tlks & Mx (444 7/24 Maghakian-NY)(242 7/16 Beaudoin-CT)

BELGIUM

9730 0022 Belgische Radio en Televisie: Mx, rpt on Belgian Economy (433 7/23 Earhart-PA)(222 7/13 Bryan-CA)(??? ?/? Martin-CA)
15240 2020 BRT: FF, tlk & Mx, QRM after 2030 (343 7/5 Beaudoin-CT)

BULGARIA

9530 0450 R. Sofia: Mailbag - letters from U.S. listeners (444 8/5 Gelfand-NY)(211 8/9 McDonald-HI); 2133 (323 8/7 Famularo-NJ)
0354 R. Moscow via Flordiv*: "Moscow Review", Mx (343 7/20 T. Smith-FL); 2325 (222 8/2 Diamond-MD)
9700 1930 RS: Freq. sked by OM, YL w/ Nx, beamed to Great Britain (343 7/25 Schipelliti-MA); 2000-lang?, psbl GG, IS @ 2000, into YL w/ Nx & Cmnty. Signal very weak here, just barely heard under QRM (252 7/31 Trautschold-WI) lang is GG.
0206 R. Moscow via Sofia: OM w/ Nx (343 7/13 Bryan-CA)
9705 0040 RS: Orch Mx, IDs, Interviews, Vocals & Nx (444 7/30 Thompson-NM)(322 7/23 Earhart-PA)(444 7/30 Brodsky-NY)(333 7/20 Young-NJ)
9745 2130 RS: Nx (444 7/17 Brodsky-NY)
0237 R. Moscow via Flordiv*: OM & YL w/ tlks, Mx & IDs (434 7/12 Worob-TX)
11750 2130 RS: Nx, Folk Mx, Mailbag, QRM from BBC (422 7/14 Stone-ONT)(433 7/28 Underdown-AR)

CZECHOSLOVAKIA

5930 0300 R. Prague: YL & OM w/ World Nx, "Topics of the Day" (454 7/13 Carrier-FL); 2200-lang?, IS, ID, Nx (222 7/12 Gadouas-VT) sked shows Czech/Slovak lang.ps.
6055 0630 RP: "Inter-Pgm" YL w/ Nx, Opera Mx (433 7/15 Maghakian-NY)
7345 0105 RP: "Recording Session" (443 8/4 Arnold-CA)(444 7/26 Brodsky-NY); 0253-SS, (232 7/12 Bryan-CA); 0335 (343 7/19 Famularo-NJ)(534 7/8 Yohana-NJ)(444 8/7 Snyder-NY)(333 7/12 Grenier-CA)
9505 0630 RP: "Inter-Pgm" (333 8/1 Franck-VA) this xmsn beamed to Europe.ps.
9540 0331 RP: tlk on Economics, Folk Mx (433 7/27 Hamilton-CA)(444 7/27 Cohen-NJ)
11990 0115 RP: Mx & Cmnty, Philatelic pgm (545 7/2 Stone-ONT)(444 8/3 Earhart-PA); 0305 (323 8/4 Joseph-MO)
15110 1430 RP: Nx, Cmnty, Mx (222 8/1 Maghakian-NY)(343 7/30 Beaudoin-CT)

ALL REPORTS ENGLISH UNLESS OTHERWISE SPECIFIED.

DENMARK

15165 1555 R. Denmark: DANISH/EE, 1000 Hz tone, IS w/ Danish & EE Ids, s/ on at 1600, Nx, Mx (252 7/22 Donly-SC);1730-DD;343 7/14 Brodsky-NY); 1625-DD, (232 7/31 Stone-ONT)

FINLAND

11735 2330 R. Finland: IS, ID, OM & YL w/ "Sunday Letterbox", 2353 ID w/ freqs & s/off (333 8/7 Crable-ID),(333 7/12 Earhart-PA)(322 8/9 Romani-MI)(433 7/25 Zilmer-NI)(232 7/31 Maghakian-NY)
 11755 1900 RF: Nx, Review of the Week, //15265 (222 7/23 Zilmer-WI)
 15105 1315 RF: Choir hymns w/ OM & YL annor (332 7/31 Earhart-PA)(433 7/12 Brodsky-NY)

FRANCE

11830T 1820 R. France International: FF, OM & YL w/ Nx, tlks & cntry, mentions of France, signal not too good & buried in QRN, psble ID at 1830, followed by more Nx & cntry, into disc pgm w/ two people at 1835. Is France using this freq.? I don't believe so, but sure sounded like their GOS. 1841 FF Mx (232 7/12 Trautschold-WI)
 15155 1610 RFI: "Paris Calling Africa" (444 8/1 Joseph-MO)
 15200 1606 RFI: Mx & African Nx File (322 7/26 Grenier-CA)
 15210 1630 RFI: "Paris Calling Africa"--interview w/ African fashion magazine editor (332 7/27 Romani-MI); 1659-PF (343 8/6 Naylor-CA)(333 7/11 Somers-CA)(152 7/23 McDonald-HI)
 15300 1645 RFI: tlks & much FF Mx (323 6/21 Young-NJ)
 14525 1806 RFI: "Paris Calling Africa"--tlks, Mx & vaudville Mx (434 7/23 Naylor-CA)
 17720 1630 RFI: "P. O. Box 9516" "Paris Calling Africa Listeners Club", Mx & letterbox (343 8/7 Carrier-FL)
 17780 1400 RFI: FF/EE, FF tlk & Mx, at 1405 EE Wx & Nx rpt (454 7/16 Carrier-FL)
 17860 1637 RFI: "Paris Calling Africa", answers to RFI contest (344 7/21 Beaudoin-CT)

GERMANY (EAST)

6040 *0000 R. Berlin International: SS, IS, ID, into pgm w/ YL (433 7/23 Cohen-NJ); 0230 (323 7/18 Dunnigan-NC)
 7260 2210 RBI: EE/PP, EE s/off & into PP pgm, Mx & Tlks. They used part of R. Portugal's ID Tune: (433 7/17 Maghakian-NY)
 9500 2230 RBI: GG, Nx & Chorus type Mx (444 7/17 Maghakian-NY)
 9620 *2315 RBI: PP, Most confusing s/on used. Same guitar Mx as R. Portuga1. (333 7/21 Utter-NY); 2228-GG (333 6/8 Underdown-AR)
 9645 *0000 RBI: SS, IS, ID w/ Freqs. Nx //6040 (444 8/5 Cohen-NJ); 0401 (333 7/31 Earhart-PA)
 11840 0341 RBI: YL, ID, OM, Nx (333 7/12 Bryan-CA)
 11890 0355 RBI: tlk on a lake in GDR (444 8/3 Joseph-MO)(333 7/28 Woltman-WI)
 15100 1125 RBI: AA, AA songs, USSR IS underneath @ 1130 (343 8/3 Earhart-PA)

GERMANY (WEST)

6010 0130 Deutsche Welle: Nx, Current Affairs Magazine (545 7/27 Fraser-MA)
 6065 0255 DW: tlk about lightning, Asian svc. (343 7/17 Klemens-NJ)
 6075 0128 DW: IS, ID w/ Freqs., Nx, Orch Mx, Comments on Vance & His mission (444 8/9 Thompson-NM); 2350-SS (444 7/25 Stone-ONT)
 7130 *0445 DW: TURKISH, s/ on & into Nx (333 7/21 Maghakian-NY)
 7210 0150 DW: tlks by OM, GG Mx, beamed to Asia (454 8/10 Calari/Butterfield/ps-MA)
 7265 0230 Sudwestfunk: GG, GG & EE easy listening Mx (323 7/17 Klemens-NJ)
 7285 0714 DW: GG, tlks by OM, xmsn beamed to Asia/Australia (333 7/27 Schipelliti-MA)
 9545 *0530 DW: Nx & usual Magazine pgm. QRN-Solomon Is BC1-9545 (423 7/16 Hamilton-CA)
 11765 0613 DW: tlk on peace talks (333 8/2 Grenier-CA);0539 (333 7/11 Young-NJ); 0520-PF, (343 7/12 Bryan-CA)
 11905 1930 DW: Nx, African svc. (344 7/30 Beaudoin-CT)
 15150 1930 DW: World Nx, "It Happened in Germany" to W. Africa (544 8/3 Carrier-FL) (434 7/24 Hammer-OH)(444 7/26 Young-NJ)
 17780 0940 DW: Panorama pgm (344 8/5 Bowers-TURKEY)

BBCGREAT BRITAIN

5975 0200 British Broadcasting Corporation: World Nx (444 8/12 Kannry-NY)(7/27 Erwin-NY)
 7200 0330 VOA Relay: Nx in Brief (444 7/10 Schweikart-VA)(434 7/24 Worob-Tx)
 9410 2209 BBC: World Nx, cntry on U.K. & Germany (333 7/7 McCurdy-CA)
 9600 0255 BBC: Pgm "Talk About" (444 7/18 Stone-ONT)
 9640 0810 BBC: Cmnty on Spanish politics (332 7/3 T. Smith-FL)
 9915 0210 BBC: Nx, "Songs of Sundry Natures"--16th & 17th century (433 8/2 Diamond-MD) (322 7/24 Zink-CA)(433 7/31 Grenier-CA)
 15260 2015 BBC: Interviews (252 7/19 Schweikart-VA)
 17865 1415 BBC: YL annor gave station ID at s/on, PP, OM annor w/ Nx (343 7/16 Carrier-FL)

GREECE

7215 0431 Voice of Greece: GREEK, tlks & Greek Mx //9760 (333 7/21 Maghakian-NY)
 9760 0018 VOG: YL w/ Nx //11730 (444 8/1 Earhart-PA); 0130-GREEK (333 8/2 Norman-DC) (444 8/3 Joseph-MO)
 11730 0022 VOG: Nx by YL (444 8/5 Underdown-AR)(444 7/14 Elder-SASK)(444 7/18 Skora-ONT); 0222 (544 7/27 Schipelliti-MA)(0015 444 7/11 Stone-ONT)
 11925 0403 VOA Kavala: OM, Nx abt Belgrade Conference (333 7/12 Bryan-CA)
 15345 1220 VOG: Nx, Local Nx to N. America (322 7/23 Zilmer-MI)
 17830 1220 VOG: Nx, //15345 (333 7/23 Zilmer-MI)

HUNGARY

6000 0207 R. Budapest: ID & Nx (323 6/29 Gadouas-VT)
 9585 0400 RB: "Calling DX'ers & Radio Amateurs" pgm (434 8/3 Joseph-MO)(444 8/3 Norman-DC); 0300 (333 7/7 Brodsky-NY)(232 8/5 Schweikart-VA)
 9655 *2130 RB: OM w/ Nx, net from unknown station (422 7/28 Maghakian-NY)
 11910 0227 RB: OM & YL w/ Mailbag pgm, ID (433 7/13 Bryan-CA)(444 8/3 Earhart-PA); 0300 (323 8/3 Diamond-MD)(444 7/5 Woltman-WI)(333 7/14 Naylor-CA)(333 8/4 Arnold-CA); 0400 (343 7/20 Unruh-CA)(444 7/19 Ricci-CA)
 15225 0210 RB: answers to listeners questions, U.S. Mx (444 7/27 Schweikart-VA)

ITALY

7275 0435 Radiotelevisione Italiana: Nx by YL, 0440 s/off, to Mediteranean Basin (222 8/2 Norman-DC)
 9575 0101 RAI: Nx (422 8/4 Grenier-CA)
 9710 0040 RAI: ITALIAN, U.S. Pop Mx, ID @ 0055 (433 8/3 Earhart-PA)
 11800 1936 RAI: World Nx, Nx abt Italy, Nx Cmnty, 1t Mx, 1955* (242 7/30 Donly-SC)
 11810 0100 RAI: ID, YL w/ Nx--Worker's Strike, Freqs, ID, into FF. (444 7/25 Crable-ID) (433 7/30 Franck-VA)(555 8/4 Joseph-MO)(434 7/24 Elder-SASK)(333 7/13 Naylor-CA)(444 7/20 Young-NJ)(444 7/27 Fraser-MA)(444 7/28 Schweikart-VA)(444 8/3 Earhart-PA)(444 7/28 Schipelliti-MA); 2230-ITALIAN (333 7/7 Beaudoin-CT) (343 7/10 Bryan-CA); 0140-ITALIAN (444 7/3 Stone-ONT)

LUXEMBOURG

6090 0010 R. Luxembourg: Pop Px, to UK (433 7/23 Cohen-NJ)(454 7/27 Schipelliti-MA) (444 7/9 Getzel-NY)(333 7/16 Brodsky-NY)(323 7/11 Young-NJ)(343 8/5 Famularo
 15350 2207 RL: FF, adds, Rock & French Mx, Nx on the hour, ID (444 7/13 Gadouas-VT) -NJ)

MALTA

6100 0128 Deutsche Welle: IS, ID w/ fregs., Nx, Orch Mx, corres. rpts. (343 7/29 Thompson-NM)(434 7/7 Worob-TX)(334 7/10 Young-NJ)

MONACO

7105 *0625 Trans World Radio: IS, Religious pgm w/ Mx (423 7/28 Skora-ONT)(444 7/27 Schipelliti-MA)

Trans World RadioNETHERLANDS

11730 2130 R. Nederland: "Nxblock", "Monday Program"--summer festivals & concerts (544 7/18 Fraser-MA)(433 8/9 Romani-MI)(323 8/2 Pearson-OR); 1840 (444 7/17 Stone-ONT)(444 7/14 Gadouas-VT)(232 7/18 Schweikart-VA)

NORWAY

11860 0008 R. Norway: tlk abt summer theatres. (433 8/1 Earhart-PA)(423 7/11 Getzel-NY); 0401 (454 7/25 Hamilton-CA)
 11870 2218 RN: tlks about northern Norway (??? /?? NO NAME!); 2100-NN //15175 (322 7/14 Lobdell-MA)
 11895 0600 RN: "Norway This Week", QRM from RSA (322 7/18 Streveler-HI); 0305-NN (343 7/12 Bryan-CA)(343 7/25 Hamilton-CA)
 15135 0400 RN: "Norway This Week" (434 7/25 Schreedhar-INDIA)
 15175 1407 RN: Nx & Mx, answers to listeners questions //17840 (333 8/31 Earhart-PA); 1659-NN (343 7/27 Beaudoin-CT); 2200 (343 7/17 Beaudoin-CT)
 17840 1409 RN: NN, Pop Mx, tlk by YL & OM, ID (343 7/23 Earhart-PA); 1405 //15175 (444 7/30 Cohen-NJ)

POLAND

6095 0215 Polskie Radio: Rpts on Mining & shipping, sports pgm, into POLISH at 0230 (222 7/27 Skora-ONT)
 7270 0200 PR: Nx & Mx, Ham QRM (232 7/27 Brodsky-NY)
 11815 0300 PR: Nx by OM, QRM from RAI on 11810 (222 8/4 Joseph-MO)(434 7/26 Elder-SASK)(222 8/3 Arnold-CA)(342 7/13 Grenier-CA)(343 7/22 Hamilton-CA); 0245-POLISH (343 7/12 Bryan-CA)
 15120 0216 PR: Tlks on Poland by OM (353 7/27 Schipelliti-MA)(323 6/28 Perry-QUE)

ALL REPORTS ENGLISH UNLESS OTHERWISE SPECIFIED.

PORTUGAL

- 6025 0517 R. Portugal: Comment on Communist Party of Portugal, Mx, ID (433 8/7 Famularo-NJ)(422 7/12 Bryan-CA); 0335-PP, (32- 7/30 Norman-DC)
- 7285 0310 RP: RR, IS, s/on @ 0315, Nx //7260 from U.K. (343 7/18 Maghakian-NY)
- 9670 2040 IBRA: rel pgm, ID at 2059 (333 7/28 Schipelliti-MA)
- 2100 Adventist World Radio: EE/??, IS, EE ID, into unknown lang w/ rel hymns (333 7/28 Schipelliti-MA); *0500-EE ID/RR pgm, (512 7/24 Watts-IN)
- 11935 0400 RP: Nx, Mx, & cmntry (333 7/28 Woltman-WI)(454 8/11 Norman-DC)(444 7/23 Donly-SC)(544 8/4 Joseph-MO); 0245-PP, (444 7/15 Stone-ONT)(444 7/15 Maghakian-NY)
- 17880 1130 RP: PP, YL w/ tlks, guitar instrumentals (242 8/3 Lobdell-MA)

ROMANIA

- 5990 0130 R. Bucharest: Freq sked then Nx (322 7/26 Zilmer-WI)(433 7/28 Cohen-NJ)
- 9570 0220 RB: "DX Corner"-- amateur Nx (322 8/9 Gelfand-NY)(444 8/3 Joseph-MO)(323 7/30 Franck-VA)(222 7/13 Worob-TX)
- 11940 0412 RB: OM w/ Nx abt Romania (322 7/12 Bryan-CA); 1943 (534 8/5 Mason-ONT)(444 7/7 Brodsky-NY)(433 7/24 Schweikart-VA)(333 8/5 Famularo-NJ); 2100 (333 7/9 Stone-ONT) BBC MS Sked shows 11970 for EE xmsn at 2100 to Europe instead of 11940. What's up? ps.
- 11970 2100 RB: Nx, cmntry, interviews, Mx. To Erope (433 8/7 Zilmer-WI)
- 15250 1300 RB: Nx & cmntry (333 7/21 Beaudoin-CT)
- 15340? 1748 RB: tlk of Romanian people in the war (332 8/7 Dutkowski-BC) BBC MS Sked shows 15365. Is 15340 a NF? ps.
- 15365 1742 RB: YL w/ tlks (342 7/14 Streveler-HI)
- 17825 1730 RB: IS, ID, Nx by YL, Much QSB (252 7/25 Schipelliti-MA)

SPAIN

- 6065 0200 Radio Nacional de Espana: Interview abt Handicap Employment (323 8/3 Diamond-MD)(444 7/30 Norman-DC)
- 7155 2200 RNE: Nx, Mx, ID, Recipe for wine (343 7/23 Stone-ONT)
- 9360 0250 RNE: tlk abt SS Industry, Mx (444 8/9 Gelfand-NY)(454 7/3 T. Smith-FL)
- 9505 2130 RNE: Nx, Mx, OM & YL, program beamed to Europe (333 8/11 Norman-DC)(353 7/28 Heath-KY)
- 9630 0400 RNE: SS, SS Mx, two men tlking abt Puerto Rico (555 7/11 Stone-ONT)
- 11775 0005 RNE: SS, Orch Mx, tlks, Ids, vocals, time pips (444 7/29 Thompson-NM)(343 7/11 Bryan-CA)
- 11840 2030 RNE: tlks on SS film industry (422 7/28 Romani-MI)(444 7/12 Beaudoin-CT)(333 7/15 Maghakian-NY)
- 11880 0230 RNE: OM & YL tlking about common market, Nx (545 7/23 Hollenbeck-CA)(544 8/1 Joseph-MO)(454 7/28 Thompson-NM)(534 7/9 Yohana-NJ)(343 7/14 Unruh-CA)(343 7/9 Schweikart-VA)(544 7/8 Stone-ONT)(434 7/8 Brodsky-NY)
- 11965 0100 RNE: SS, Ids, Orch Mx, Vocals, & tlks (444 8/5 Thompson-NM)

SWEDEN

- 6120 2310 R. Sweden: Swedish Sports...swimming-tennis-golf (444 ??/ Beaudoin-CT)(433 7/19 Brodsky-NY) this xmsn is beamed to North America.ps.
- 9605 2200 RS: PP, tlks & features (333 7/26 Brodsky-NY)
- 9695 0230 RS: Nx, Panorama, "Sweden Calling DX'ers" (544 7/27 Schipelliti-MA)(333 7/27 Hamilton-CA)(333 8/9 Gelfand-NY)(554 7/24 Somers-CA)(433 7/26 Crable-ID)(444 7/13 Grenier-CA); 2300 (323 8/2 Diamond-MD)(544 7/26 Brodsky-NY)(444 8/2 Joseph-MO)(444 7/14 Elder-SASK)(343 7/24 //11705 & 6120 Earhart-PA); 0130-SS, (433 7/27 Dunnigan-NC)
- 11705 0243 RS: Nx, "Sweden Calling DX'ers" (322 8/3 Zink-CA)(333 7/12 Bryan-CA)(444 7/13 Brodsky-NY); 2306 (443 7/3 T. Smith-FL); 0310-SS, (334 7/24 Hamilton-CA)
- 11845 2100 RS: tourist info & answers to listeners questions (433 7/3 Stone-ONT) this xmsn is beamed to Africa.ps.
- 11905 0038 RS: ID, Mailbag pgm (333 7/25 Zink-CA)(343 7/23 Earhart-PA); 0128-psble SS, (333 8/3 Naylor-CA) sked shows SS to Latin America from*0130-0200*.ps.
- 15305 1413 RS: Pgm on Stamps & questions were answered abt Air Mail (343 7/4 Beaudoin-CT)(454 7/20 Carrier-FL)(333 ??/ Underdown-AR)(433 7/25 Mappin-WA) this xmsn is beamed to North America.ps.
- 17735 1415 RS: "Sweden Calling DX'ers" (543 7/26 Schreedhar-INDIA) sked shows 17725 to South Asia. No mention of 17735. NF? ps.

SWITZERLAND

- 7210 2200 Red Cross Broadcasting Service: Nx abt Red Cross activities. Much stronger than I have ever heard them before. (444 7/25 Schipelliti-MA)(322 7/25 Lobdell-MA)(333 7/25 Maghakian-NY); *0600 (343 7/25 Heath-KY)
- 9535 *2100 Swiss Broadcasting Corporation: Nx, Swiss Nx items, Swiss Shortwave Merry-Go-Round (444 7/23 Maghakian-NY)
- 9590 2100 SBC: Nx (333 7/31 Klemens-NJ); 2030-SS, (333 8/5 Norman-DC)



SWITZERLAND (CONT'D)

9725 0144 SBC:IS, ID, TC, "Dateline" (333 8/6 Franck-VA)(444 8/4 Pearson-OR)(443 7/14 Unruh-CA); 0430 (444 7/19 Brodsky-NY)(253 7/19 Hamilton-CA)
 11710 0145 SBC: Jazz Panorama pgm (444 7/25 Hoffman-PA)(454 7/27 Erwin-NY)(352 7/15 Unruh-CA)(544 8/3 Norman-DC)(444 8/7 Franck-VA)(444 7/16 Thompson-NM)(344 7/4 T. Smith-FL)(353 7/13 Somers-CA)(433 7/31 Earhart-PA); 0430 (444 8/2 Joseph-MO)(333 7/26 Zink-CA); 0325-FF, (444 7/12 Bryan-CA)

UNION OF SOVIET SOCIALIST REPUBLICSEUROPEAN RSFSR & UNDETERMINED SITES

7150 0030 R. Kiev via Serpukhov*: Nx, tlk abt youth seminars, rots (544 7/29 Fraser-MA)
 7390 2120 R. Moscow via Moscow*: interview, info abt a contest (343 8/4 Schweikart-VA) (343 7/23 Stone-ONT)(444 7/4 T. Smith-FL)
 0312 R. Kiev: story abt a small Ukrainian village (444 8/7 Snyder-NY)(555 8/3 Yohana-NJ)
 9610 2320 R. Vilnius: Lithuanian Mx, ID (433 7/19 Getzel-NY)
 9720 2300 R. Vilnius: ID, Nx & cmntry (333 7/7 Onken-IL)
 2330 Radiostansiya Rodina: RR, ID, tlks, Mx (444 8/4 Heath-KY); 0250-RR, (554 7/25 Brodsky-NY)
 0035 R. Kiev: Ukrainian Panorama (443 7/30 Brodsky-NY); 0315 (333 7/13 Bryan-CA)
 11690 2330 R. Vilnius: OM & YL w/ tlks, ID (343 7/4 Streveler-HI)
 11770 2315 R. Vilnius: "Nx of Lithuania", Lithuanian Mx (433 7/22 Donly-SC)(433 7/28 Zilmer-WI)(333 7/13 Beaudoin-CT)
 12045 2100 R. Moscow: Nx & cmntry (242 7/17 Beaudoin-CT)
 15180 0030 R. Kiev: IS, Freq. data, Nx (222 7/13 Gaede-CA)(343 7/24 Beaudoin-CT)
 15185 1230 R. Peace & Progress: Nx & cmntry (332 7/23 Zilmer-WI)
 15405 0035 R. Kiev: /15180, reception not much better on 15405. QRM 15400 (222 7/13 Gaede-CA)
 15425 0300 R. Kiev: IS, ID, Nx, Orch Mx, Ukrainian Panorama (444 7/30 Thompson-NM)
 15505 2005 R. Moscow via Serpukhov*: Nx, cmntry, African svc. (343 ?? Underdown-AR) (333 7/6 T. Smith-FL)(332 7/23 Zilmer-WI)

LATVIAN SSR

5935 2135 R. Riga: SWEDISH, Nx, Mx, s/off at 2200 (222 7/12 Gadouas-VT)

UKRAINIAN SSR

7165 0300 R. Moscow via Nikolayev*: Nx, cmntry, Science & Engineering (343 8/5 Schweikart-VA)(544 8/1 Brodsky-NY)
 7250 0030 R. Moscow via Simferopol*: Nx, cmntry on US, USSR trade relations (433 8/10 Romani-MI)(554 8/1 Brodsky-NY)
 7290 0315 R. Moscow via Simferopol*: cmntry, "Moscow Mailbag" (444 8/1 Brodsky-NY)
 9600 0230 R. Moscow via Nikolayev*: YL & OM annrs, "Nx summary from Moscow", "Culture & the Arts in the Soviet Union" (544 7/13 Carrier-FL)
 9665 2230 R. Moscow via Vinnitsa*: Nx, Mx (433 7/25 Zilmer-WI)
 9685 2305 R. Moscow via Simferopol*: Nx & cmntry (544 7/28 Brodsky-NY)(333 8/2 Diamond-MD)
 9720 1900 R. Moscow via Kiev*: Nx & cmntry (344 7/31 Beaudoin-CT)(242 8/4 Schweikart-VA)
 11850 0115 R. Moscow via Simferopol*: letters & questions from listeners (444 7/24 Stone-ONT)
 11970 2018 R. Moscow via Kharkov*: tlk abt housing (333 7/7 Brodsky-NY)(423 7/31 Getzel-NY)

*Suggested sites by editor and/or UHN.

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VATICAN

11725 0100 Vatican Radio: tlk abt the Pope. Don't know what they were doing on this freq. (433 7/18 Maghakian-NY)
 11800 0100 VR: Rel pgm, FF at 0115 (544 7/24 Stone-ONT)(333 7/26 Lobdell-MA)
 11845 0109 VR: Rel cmntry by OM (434 7/11 Getzel-NY)(444 7/23 Cohen-NJ)
 15200 2258 VR: SS, IS, *2300, rel pgm of Mx, tlks, to S. America (343 7/29 Donly-SC)

YUGOSLAVIA

9620 2200 R. Belgrade: Nx read by YL (333 7/28 Skora-ONT)(333 7/12 Beaudoin-CT)(232 7/25 Bryan-CA)(554 7/17 Brodsky-NY)

68 contributors this month!

BAD GUYS TO MEET---The next meeting of the Boston Area DX'ers will be **September 16, 1977.**
Time--1 PM until - ??, It will be held at 31 Beaverbrook Road, Burlington, Mass at the home of yours truly. Anyone wanting more info or traveling directions can call me at 272-3142.
 More info in NEDS NEWS.//// CONGRATULATIONS to MR & MRS GREG CALIRI on the arrival of their healthy baby girl on August 13, 1977...another SWL'er to come? huh! //// Special thanks to FR & MRS Bill Oliver for hosting me before & after the N'vention. Had a great time//// 73'S

Peter

SWBC DX



AFRICA

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FEBA
Seychelles

Radio Television Kaduna

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

ALGERIA

9685 2000 Radiodiffusion-Television Algerienne: AA mx, ID (333 8/1 Joseph-MO)(232 7/12 0531 Bryan-CA)

ANGOLA

9535 0659 Radio Nacional de Angola: FP w/ ID,mx (444 8/11 Hall-CA)

ASCENSION ISLAND

6005 0314 BBC Atlantic Relay: EE nx, ID (434 8/11 Hall-CA)(433 7/10 0435 Bryan-CA)
7270 0700* BBC: EE ID as 'Atlantic Relay' s/off (Mappin-WA)(433 8/5 0507 Grenier-CA)
9600 0800 BBC: EE w/ World Service to W. Africa (433 8/5 Mappin-WA) (344 8/11 0730 EE ID Hall-CA)
11720 0726 BBC: EE nx of African affairs (454 7/26 Sueoka-HI)

BENIN

4870 0550 La Voix de la Revolution Beninoise: FF w/polt. commentary (222 7/30 Kaufman-NY)(433 7/12 0600 FF Bryan-CA)(343* 7/18 *0412 FF Magahakian-NY)

BOTSWANA

3356 0550 Radio Botswana: EE and Setswana anns. pop mx. ID 0600 BBC WS nx. (222 8/5 Fierce-MA)

CAMEROON

4925 1835 Radio Yaounde: EE w/nx, ID as 'This is Yaounde, the National station of Radio Cameroon' FF ID and into FF at 1845 (333 7/16 Wakisaka-JAPAN) //4972.5
5010 0500 Radio Garoua: EE nx at 0512 (352 7/24 Heath-KY)(332 7/10 0545 FF Bryan-CA)
5015T 0529 Radio Garoua: Balafoon mx, w/FF,AA (322 7/22 Agner-NJ) Mike I suspect this to be 5010 wlo.

CHAD

4904,5 2230 Radiodiffusion Nationale Tchadienne: w/Afro drums, flute mx (322 8/6 Hoffman-PA)(353 7/19 0455 FF Magahakian-NY) (444 7/22 0524 FF Agner-NJ)

CONGO, PEOPLE'S REPUBLIC OF

4765 0002 Radiodiffusion Television Congolaise: FF tlks. Afro mx (232 7/13 Zimarowski-MA //15190)(343 7/30 2300 FF Beaudoin-CONN)(443 7/10 0518 FF Bryan-CA)
4795 0755 RTC: FF tlks, ID (222 8/2 Hoffman-FA)
15190 1930 RTC: FF ID,nx,mx (333 7/20 Skora-ONTARIO)(343 7/13 2130 EE nx Onken-IL)(343 7/20 0035 FF Magahakian-NY)(222 7/28 2130 EE nx Schweikart-VA)(232 7/20 2130 FF Brodsky-NY) (353 7/25 2130 EE Heath-KY)(443 7/25 2130 EE nx Zilmer-WI)

EGYPT

7075 *0359 Radio Cairo: s/on into AA (343 7/18 Magahakian-NY)
7235 0210 RC: EE Tlks, nx at 0215 //9475 (333 7/21 Magahakian-NY)
9475 0200 RC: EE ID & freqs (Thompson-NM SIC???) (444 8/5 0200EE Fracnk-VA)(232 7/18 0200 EE Stone-ONTARIO)(322 7/31 0200 EE Grenier-CA)(333 7/29 0230 EE Norman-DC)(333 7/18 0220 EE Brodsky-NY)

EGYPT (continued)

9805 2305 RC: EE nx (333 7/15 Elder-BASKATCHEWAN)(333 2248 7/20 EE Young-NJ)(222 8/7 1952 AA Dutkowski-B.C.)(434 8/1 2150 EE Hutchins-ME)
 11715 0135 RC: SS ID & nx (544 7/26 0135 ??? names on each logging, please)
 11785 1617 RC: AA nx (433 7/20 Dutkowski-B.C.)
 12005 2045 RC: AA tlks,mx (343 8/1 Earhart-FA)
 15335 2130 RC: FF tlks, 2200* (322 7/25 Zilmer-WI)
 15475 0651 RC: AA chants (353 7/28 Schipelliti-MA)
 17920 1320 RC: EE nx to SEA (243 7/28 Novello-NC)

ETHIOPIA

6185 1500 Radio Ethiopia: EE nx, ID at 1530 (343 7/11 Shreedhar-INDIA)

GABON

4777 2239 Radiodiffusion Television Gabonaise: FF tlks, mx (444 7/29 Agner-NJ)

GHANA

4915 0600 Ghana Broadcasting Corporation: EE nx, ID (333 7/13 Brodsky- (353 7/29 2250 EE Magahakian-NY) NY)
 4980 0605 GBC: EE w/ nx (422 8/5 Pierce-MA)(353 7/24 *0530 EE Heath-KY)

IVORY COAST

4940 2242 Radiodiffusion Television Ivoirienne: FF mx, ID (444 7/30 Beaudoin-CONN)(433 7/10 0607 FF Bryan-CA)(253 7/18 0723 FF UTTER- NY)

LIBERIA

4770 0700 ELWA: BBC WS nx at 0700 (353 7/24 Heath-KY)
 6035 0442 VOA: EE commentary (543 7/10 Bryan-CA)(333 7/9 0603 EE GAEDE-CA)(333 8/11 0321EE Hall-CA)
 7280 0705 VOA: EE nx of Africa (444 7/25 Mappin-WA)
 11855 1658 ELWA: IS *1700 EE (222 7/28 Atkins-KY)
 15235 1737 VOA: EE tlks on Mideast (433 8/7 Dutkowski-B.C.)
 15445 2006 VOA: EE nx (353 7/26 Ricci-CA)(454 7/26 2030 EE Sueoka-HI) (242 7/17 1900 EE Schweikart-VA)(344 7/12 1830 EE Bowers-TURKEY)
 17870 1813 VOA: EE tlk on illnesses (545 8/10 Hall-CA)(323 8/5 1800 EE Bowers-TURKEY)

LIBYAN ARAB REPUBLIC

11700 2145 People's Revolutionary Broadcasting Station: AA tlks, mentions of 'Libyah' (544 7/27 Donly-SC)
 15100 0440 PRBS: AA w/Koran readings (454 7/28 Donly-SC)

MALAWI

3380 0415 Malawi Broadcasting Corp: Chichewa tlks, pop mx. (343 8/1 Donly-SC)

MAURITANIA

4845 0605 Radiodiffusion Nationale de la Mauritanie: Vernacular tlks (343 7/12 Bryan-CA)(444 8/3 0600 AA Agner-NJ)

MOROCCO

6100T 0515 Radiodiffusion Television Marocaine: AA w/Mideast mx, per WRTVH this is Home Service (232 7/31 Magahakian-NY)
 6170 2249 RTVM: AA chants under DW 6100 (232 7/31 Getzel-NY)
 9735T 1435 VOA: EE tlks. no ID heard (433 8/5 Dutkowski-B.C.)
 15195 0727 VOA: FF nx read by YL (353 7/28 Schipelliti-MA)
 15205 2100 VOA: EE 'New Products U.S.A.' pgm. (322 7/17 Hoffman-PA)(343 7/24 1914 EE Bryan-CA)

MOZAMBIQUE

3210 0415 Radio Mozambique: FF w/ classical mx, ID at 0430, into nx (333 8/4 Pierce-MA)(343 7/10 *0355 FF Karcheski-MA)

NIGER

CORRECTION: Last month 5080 was incorrectly reported, Mike Agner informs me that logging should be for 5020, their normal freq. Thanks Mike for the correction.

NIGERIA

3204 *0500 Nigerian Broadcasting Corp.: (Ibadan) IS, ID and Tlks in vern.
(322 8/5 Pierce-MA)
4990 0535 NBC: (Lagos) EE ID, mx (443 7/10 Bryan-CA)
5965 0435 NBC: (Jos???) EE pgm notes, ID, mx (323 7/13 Zimarowski-MA)
Is this correct site? Latest sked shows Benin here wlo
7145T 0630 Nbc: (Ilorin) OM in extended tlks, no ID (312 8/3 Agner-NJ)
7275 0655 Voice of Nigeria: (Ikorodu) EE nx, ID (333 7/21 Young-NJ)
(434 8/2 Ricci-CA oops!!! 0612 EE)(434 7/17 0609 EE
Franck-VA)(444 7/27 0622 EE Grenier-CA)
11765 0630 VON: EE nx (433 7/13 Baldwin-NC) Are you sure this is not
11770 0610 VON: EE nx at 0630, ID (233 7/14 Utter-NY)(222 7/9 1805 EE
Magahakian-NY)
15120 0815 VON: EE interviews, TC, nx 0830* (242 8/6 Schweikart-VA)

RWANDA

7225 0504 Deutsche Welle: (Kigali) EE R&R mx, ARO QRM (433 7/22 Agner-
11795 0100 DW: GG ID And commentary (Miller-CA)(444 7/8 0100 GG Worob-
TX)
15410 0149 DW: GG tlks, 0200* (343 7/13 Bryan-CA)(333 7/13 1110 EE
Zimarowski-MA)
17765 1241 DW: EE ID at 1245, into 30 minute Hausa program (333 7/10
Smith-FLA)

SAO TOME E PRINCIPE

4806.8M 0540 Radio Nacional: Guitar mx, PP tlks by OM, xmtr trouble until
0600 (333 8/3 Agner-NJ)

SENEGAL

4890 0700 Radiodiffusion du Senegal: FF Tlks by OM (222 8/1 Hoffman-PA)
7210 0700 RS: FF nx, ID (??? ?? Martin-CA)

SEYCHELLES

11755 0306 Far East Broadcasting Association: Farsi?, IS 0310 s/on,
classical mx. (433 8/1 Magahakian-NY)
11785 0255* FEBA: EE s/off w/ID, IS, TC (333 8/3 Joseph-MO)
11800 0357 FEBA: EE ID w/pgm to Africa (333 8/1 Atkins-NY)(333 7/29
0357 EE Magahakian-NY)(353 7/30 0445* EE into Swahili
Donly-SC)(444 8/5 0355 EE Roper-AL)(333 7/13 *0357 EE
Zimarowski-MA)(322 0400 7/9 Brodsky-NY)
11845 1520 FEBA: EE w/ s/on to SEA //9525(343) (544 7/25 Shreedhar-India)
11900 0429 FEBA: IS into ??? lang at 0430 (322 7/28 Atkins-NY)
(353 7/29 0435 AA Donly-SC)(444 7/22 0344 ??? Hammer-OH)
15280 0630 FEBA: EE to SEA, nx at 0700 (McDonald-HI 354 7/14)

SIERRA LEONE

3316 2310 Sierra Leone Broadcasting Corporation: EE ID, tlks. 2300*
(211 6/14 Hutchins-ME)(222 7/24 0600 EE Karcheski-MA)

SOMALIA

9585 2050 Radio Mogadishu: AA tsmn on current war(444 7/25 Karcheski-MA)
(353 8/5 1940 AA Underdown-AR)(243 7/17 1845 AA Beaudoin-
Conn)

SOUTH AFRICA

3980 0450 South African Broadcasting Corp.: (Springbok R.) EE tlks
commercials, pop mx (333 7/21 Maghakistan-NY)(433 8/3 2140
Afrikans Pierce-MA)
4875 0409 SABC: EE nx, commentary, pop mx. (442 7/10 Bryan-CA)
5980 2310 Radio RSA: EE DX prog. in NA service (434 7/30 Beaudoin-CONN)
7185 0610 SABC: EE ads, TC Heavy ARO QRM (422 8/1 Grenier-CA)(333
7/14 0621 EE Streveler-HI)
7270 0300 RSA: EE nx (322 7/14 Stone-ONTARIO)
9585 *2230 RSA: EE s/on, nx (444 7/17 McCurdy-CA)(443 7/28 *2230 Brodsky
NY)(343 7/10 2228 EE Hall-CA)(423 8/7 *2229 Franck-VA)(432
7/20 2250 EE Miller-CA)(434 8/10 2230 EE Compton-MA)
11800 *2230 RSA: EE s/on into nx (Elder-SASK.)
11900 *0600 RSA: IS EE s/on into 'Good Morning Africa' pgm (333 7/26
Crale-ID)(444 7/14 0610EE Streveler-HI)(433 7/24 2230
EE Grenier-CA)(222 8/4 2240 EE Arnold-CA)

SOUTH AFRICA (continued)

15220 0608 RSA: EE Commentary, TC (454 7/28 Schipelliti-MA)
 21535 1615 RSA: EE nx, rock mx (252+ 8/1 Maghakian-NY)
 21545? 1558 RSA: EE ID, TC in best to Africa (333 7/14 Smith-FLA) Tom,
 check the calibration of your XCR-30, you seem to be
 5-10 khz off on a couple of loggings. wlo

SWAZILAND

3275 2016 Trans World Radio: EE w/ rlg programs (232 7/20 Wakisaka-JAP-
 4760T 0500 TWR: EE or Afrikans; possible OM ID at 0500, into relg,
 mx and tlk, heavy QRN. (242 7/29 Trautschold-WI)
 11760 0815 TWR: EE ID 0826 blocked by FEBC (333 8/11 Hall-CA) AN)

TANZANIA

4785T 0357 Radio Tanzania: Swahili tlks, no ID heard before UTE QRM
 (332 7/19 Maghakian-NY)
 15435 1815 RT: EE anti-Rhodesia tlks (253 7/10 McDonald-HI)

TOGO

3222 *0530 Radiodiffusion-Television Togolaise: IS, FF ID into afro
 vocals (322 8/5 Pierce-MA)
 5047 0555 RTT: FF ID, pop mx (433 7/10 Bryan-CA)(333 8/5 2250 FF
 Hoffman-PA)
 7264.3M 0527 RTT: IS, anthem FF s/on //5047 (322 7/15 Zimarowski-MA)

UPFER VOLTA (oops, out of order)

4815 0610 Radiodiffusion-Television Voltaique: FF ID, mx (242 7/12
 Bryan-CA)(333 8/3 *0600 FF Agner-NJ)

TUNISIA

7275 0600 Radiodiffusion Television Tunisienne: EE 0600-0630, ID heard
 several times (444 8/3 Wilson-CA)(444 7/9 0344 AA Maghakian-
 NY)

UGANDA

9730 2100* Ugandan Broadcasting Corp: EE s/off (242 7/31 Bryan-CA)
 15325 *1800 UBC: EE s/on followed by the nx (322 8/7 Hoffman-PA)(433
 8/6 *1800 Novello-NY)

ZAIRE

15245 2208 La Voix du Zaire: FF tlks, mx (333 7/10 Bryan-CA)

UNIDENTIFIED

7200 0410 ?????: AA under VOA (222 7/27 Underdown- AR) possibly, R.
 Omdurman wlo any suggestions ???

FLASH-----FLASH-----FLASH

Many reports were received this month concerning the 6205 khz mystery station of last month. It has been heard until 2300* in EE until the 30th of July, but according to new BBCMS material the station might have dropped this frequency by the time you read this. The new schedule per BBCMS is: 1100-1600 on 15100, 11700, 9650, and 9500 khz; 1600-2200 on 11700, 9650, 9500, and 6100 khz; and 2200-0100 on 9500 khz. They relay the Libyan Arab People's Socialist Jamahiriyah Best. Corp. (LAFSJBC) domestic service in Arabic from 1100-1900 and its 'Voice of the Arab Homeland' pgm in Arabic from 0430-1100. According to announcements monitored by the BBCMS the transmissions are beamed to Jordan, Ethiopia, Egypt and the Arab Emirates, from 1100-2200, and then to NAM. (Ed. Note: The 6205 frequency is not mentioned in the BBCMS report, this may mean that the pop mx pgm, which was identified as a test transmission, has been dropped. If you have any observations contrary to this, send them to me or the SPEEDX-GRAM editor as soon as observed. (SPEEDX-GRAM, c/o John Trautschold W174 N9459 Devonwood Road, Menomonee Falls, WI 53051 U.S.A.) Information sent to John by the 15th will be in your hands by the 20th, if you subscribe to the GRAM, if you don't it will appear in the next months issue.

The U.S.P.O. must be getting a little speedier in its old age. If you live West of the Rockies, you can wait until the 12th to mail, to meet my deadline, East of the Pockies, the 13th will get it here in time. Thanks to the 64 reporters this month and BCNU in 30.....73's

ASIA-OCEANIA

BOB BODELL - EDITOR
 5230 S.E. 48th AVE
 PORTLAND, OR 97206
 (503) 771-8804
 DEADLINE: 15th of the month



Frequencies in KiloHertz Time in GMT month/day format
 a=approximate h=harmonic m=measured t=tentative *0000=s/on 0000*=s/off

FREQ TIME SIO LOCATION **OCEANIA** RADIO AUSTRALIA

| <u>AUSTRALIA</u> | | | | C=Canarvon | L=Lynnhurst | S=Shepparton | ski MA) |
|------------------|-------|-----|-----|--|-------------|--------------|---------|
| 4920 | 1200 | 242 | MS | ABC Brisbane: ID, TC, national nx (Jones 7/21)(Zimarow- | | | |
| 5995 | 1045 | 343 | FL | RA (L): "Countdown," ID, nx (Carrier)(Trautschold WI) | | | |
| 9510 | 0720 | 353 | FL | RA (S): "Australian Pok Mx" (Carrier 7/16)(McCurdy CA) | | | |
| 9515 | 0730 | 444 | CA | RA (S): Aussie nx, pop mx (Unruh)(Miller CA)(McCurdy CA) | | | |
| 9540 | 0843 | 533 | CA | RA (L): pop mx, tlk, // 9570 (Hamilton 8/9)(Carrier FL) | | | |
| 9550 | 1100 | 433 | WI | RA (S): back on air, ex 9695, // 9540, 9580 (Zilmer) | | | |
| 9570 | 0853 | 433 | FL | RA (S): sprts cmtry, pop mx, ID, TC (Smith 7/10)(Unruh) | | | |
| 9580 | 1100 | 555 | MA | RA (S): "Focus on Aust.," "Editorial Opinion," MOR mx (Fraser 7/28)(Beaudoin CT)(Carrier FL)(Smith FL)(Link).. | | | |
| 9610 | 1045 | 444 | NC | ABC Perth: sprts round up, mx (Dunnigan 7/23)(Hoffman PA)(@ 1557 Kawchuk SASK)(Pimblett ALB)(Link CA)..... | | | |
| 9680 | 1215 | 353 | AR | ABC Melbourne: mx, interview (Underdown)(Trautschold WI) | | | |
| 11705 | 1305 | 322 | NJ | RA (S): nx, ID (Agner 7/27)(Hall CA)(Gaede CA @ 0600) | | | |
| 11725 | 2110 | 433 | CA | RA (S): cmtry on So. Australia (Miller 7/17) | | | |
| 11740 | 0430 | 232 | NY | RA (S): Aussie nx, mx (Maghakian)(Famularo NJ)(Smith FL) | | | |
| 11790 | 0825 | 233 | CA | RA (S): separate EE prgm for PNG, nx, wx (Hamilton 8/9) | | | |
| 11935 | 0535 | 434 | CA | RA (C): FF, then EE tlk, "Int'l Rpt," mx (Hamilton 8/4) | | | |
| 15140 | 0430 | 242 | DC | RA (S): pop mx, cmtry, nx (Norman 7/27) | | | |
| 15160 | 0442 | 353 | IN | RA (L): magazine show, to Pacific, // 15140, 15240, 15320, 15205 (Watts 7/17)(Trautschold WI)(Grenier CA)... | | | |
| 15190 | 0430 | 323 | FL | RA (C): YL ID, Aussie nx, pop mx (Smith 7/12) | | | |
| 15205 | 0600 | 444 | CT | RA (S): EE nx (Beaudoin 7/24) | | | |
| 15240 | *0400 | 353 | NY | RA (L): "Calling Antarctica" special prgm of nx, mx for 1/2 hour (Maghakian 7/15), world nx (Yohana NJ)(Franck VA) | | | |
| 15320 | 0245 | 444 | ONT | RA (S): "Club Forum," "DXers Calling" w/ rpt from Ontario DX Club (Stone 7/22)(Franck VA)(Brodsky NY)(Unruh) | | | |
| 15340 | 0257 | 242 | NY | RA: unlisted freq, nx, freqs (Maghakian 7/13) | | | |
| 15355 | 0515 | 242 | DC | RA (S): nx, cmtry (Norman 7/27) | | | |
| 15410 | 0526 | 242 | DC | RA (C): nx by OM, mx (Norman 7/27)(Maghakian NY) | | | |
| 15425 | 0400 | 343 | OH | ABC Perth: economic nx (Hammer 7/13)(Norman DC)(Unruh) | | | |
| 17795 | 0205 | 242 | NY | RA (S): world nx (Kannry 8/12)(Mason ONT)(Franck VA) (Stone ONT)(Unruh CA)(Miller CA)..... | | | |
| 17870 | 0330 | 333 | ONT | RA (S): nx, pop mx (Stone 7/13)(@ 0130 Unruh CA) | | | |
| 17890 | 0420 | 444 | OH | RA: nx of Kent State, MOR mx (Hammer 7/13) rf?, reb. | | | |

ラジオ オーストラリア

COCK ISLANDS

| | | | | |
|------|------|-----|----|--|
| 5045 | 0815 | 422 | HI | RCI: back on this freq again w/ island mx, "You are tuned to RCI in Rarotonga," chanting, 0830* w/ GSTQ (Streveler 7/26) |
|------|------|-----|----|--|

NOUVELLE CALEDONIE

| | | | | |
|-------|------|-----|----|---|
| 7170 | 0930 | 232 | VA | R. Noumea: FF w/ slo singing, tlk (Schweikart 7/16) (Perry QUE)(@ 0745 Zimarowski MA)(Hall CA)..... |
| 11710 | 0510 | 242 | SC | RN: FF w/ YL interview, lite mx (Donly 7/30)(Link CA) |

NEW ZEALAND

| | | | | |
|------|-------|-----|----|---|
| 6105 | 1030* | 353 | MS | RNZ: ancmts, IS (Jones 8/10)(Getzel NY)(@ 0736 Hall CA) |
|------|-------|-----|----|---|

NEW ZEALAND (continued)

11705 0435 222 NY RNZ: rugby cmtry (Kaufman 7/13)(Elder SASK)(Norman DC)
(Howarth WA)(Donly SC)(Stone ONT)(Famularo NJ)(Link CA)
15130 0415 232 PA RNZ: tlk, ID, vocals (Earhart 7/31)(Norman DC)(Unruh CA)
(Schipelliti MA)(Zink CA)(Bryan CA).....

PAPUA NEW GUINEA

3905 0900 444 CA R. Manus: Pidgin tlk (nx?), mx, ID (Martin 8/4)
4890 0845 433 VA NBC: sprts nx, ads, mx, ancmts, NBC nx (Franck 7/16)
(Crable ID)(Perry QUE)(Zimarowski MA)(@ 1332 Bryan CA)..

ILE DE LA SOCIETE

6135 0454 454 CA R. Tahiti: Tahitian w/ OM island mx (Alberts 8/10)
11826m 0625 333 MA RT: FF w/ piano mx, ancmts, // 15170 (Zimarowski 8/8)
15170 2315 333 MA RT: FF nx, inst. mx (Karcheski 8/2)(Agner NJ)(Getzel NY)
(EE relig. pgrm Watts IN)(Donly SC)(Bryan CA)(@ 0730*
Steveler HI)(Tahitian @ 0340 Kaufman NY)(Stone ONT).....

SOLOMON ISLANDS

5020 0730 322 CA Solomon Islands Broadcasting Corp. (MA)
SIBC: EE/Pidgin, DJ w/ rock mx (McCurdy 7/8)(Karcheski
9545 0540 232 CA SIBC: Swiss type mx, ID, pgrm review, RA nx relsy @ 0600
pop mx, under DW/Mayak (Hamilton 7/16).....

Voice of Free China

ASIA

NHK

AFGHANISTAN

15230 *1130 333 MA RA: IS, ID, local nx, mx, cmtry (Karcheski 8/1)

BANGLADESH

15520 1230 433 INDIA RB: EE to Europe, nx, cmtry, Bangla pop mx (Shreedhar 7/20)

BRUNEI

4865 1337 333 CA RB: Bahasa Malaysia w/ pop mx, YL anc (Bryan 7/11)
7215 1430* 444 CA RB: EE nx by YL, s/off w/ anth (Alberts 8/5)(Cleveland)

BURMA

4725 1319 333 CA Burma Broadcasting Service
BBS: vern tlk, Burmese mx (Bryan 7/11)(Cleveland CA)

CAMBODIA

4907 1343 333 CA DCR: Khmer w/ local mx (Bryan 7/11)
11937.4 1223 433 NJ DCR: YL/OM vocals, SEA mx, Khmer tlk (Agner 8/4)

CHINA

3200 1250 333 OR PLA 2: Amoy vocals by OM w/ background mx (Uerlings 8/13)
3260 1302 222 OR Guiyang: CC tlk by YL (Uerlings 8/13)
3400 1346 --2 CA PLA 2: Amoy w/ play, mx, // 3200, 3900, 4380 (Cleveland)
3535 1339 --3 CA PLA 1: CC YL w/ tlk, // 4045, 4330, 3640 (Cleveland 7/29)
4045 1135 322 OK PLA 1: CC tlk by YL, mx (Spencer 7/23)(Martin CA)
4330 1124 222 AR PLA 1: CC mx, tlk (Underdown 8/6)
4990 1241 323 CA Changsha: CC cmtry (McCurdy 7/15)
5950 1113 433 CA Ha'erbin: CC tlk (McCurdy 7/13)
6260 1223 433 CA Xining: CC tlk by OM (McCurdy 7/15)
6750 1151 222 AR Beijing 1: CC cmtry, // 7516 (Underdown 8/6)
6840 1427 433 CA Huhehaote: CC tlk (McCurdy 7/13)
6890 1018 433 CA Beijing: CC mx by children (McCurdy 7/13) unlisted, reb.
6955 1205 222 OK R. Peking: JJ tlk by YL, mx (Spencer 7/23)(McCurdy CA)
7025 1015 433 CA PLA 2: Amoy w/ revolutionary mx, YL ID (Hall 8/12)
7095 0822 433 CA Beijing 1: CC tlk by OM (Hall 8/12)
7185 1129 444 CA Lanzhou: CC tlk (McCurdy 7/14)
7190 1007 333 CA Beijing 2: CC w/ play (Hall 8/12)
7280 0959 444 CA PLA 2: Amoy w/ revolutionary mx, YL tlk (Hall 8/12)
7480 1018 444 CA RP: JJ w/ classical Oriental mx, YL tlk (Hall 8/12) (an)
9470 2202 444 NY RP: unid tlk after s/on, "Internationale," 2226* (Maghak-
11375 1547 322 BC RP: CC mx, OM anc (Dutkowski 7/2?)
11650 *1100 352 CA RP: Romanian w/ "Govorit Peking" (Unruh 7/24)(Miller CA)
11660 2014 332 CA RP: EE OM/YL w/ cmtry (Bryan 7/10)
11685 1218 333 CA RP: EE cmtry (McCurdy 7/15)
12035a*1700 333 NJ RP: RR w/ "EIR." ID, nx (Agner 333)
15045 0155* 333 NJ RP: SS w/ CC opera, "Aqui R. Peking," "Int'l" (Agner)
15060 0147 433 NJ RP: EE w/ cmtry on proletariat/Cultural Rev. (Agner)

CHINA (continued)

15080 0356* 343 AR RP: unid lang, "Internationale" (Underdown 8/5)
 15095 2252 444 ALB RP: PP w/ CC opera mx, anth, 2256* (Pimblett 8/4)
 15165 0300 343 TURK RP: EE w/ nx, cmtry, mx (Bowers 7/13)
 15270 *1200 ??? AR RP: EE nx w/ YL, // 11685 (Underdown ???)
 15435 0200 222 NY RP: EE w/ IS, ID, nx by YL (Getzel 7/28)
 17320h 1035 232 JPN PLA 1: CC tlk by OM, 4 x 4330 (Junqua 7/11)
 17680 2312 353 CT RP: EE nx, // 15060 (Beaudoin 8/2)(Smith FL)(Zilmer WI)
 (Maghakian NY)

CYPRUS

Cyprus Broadcasting Corporation
 6170 0311 444 NJ BBC Limassol: EE nx, cmtry (Agner 7/23) East Mediterranean Relay
 7190 2212 322 SC CBC: guitar IS, Greek s/on, nx, mx, 2230* (Donly 7/15)
 9640 0704 444 FL BBC Limassol: world, nx (Smith 7/10) unlisted, reb.
 9770 2213 433 NY CBC: Greek, w/ IS, s/on, tlk, mx, // 7190 (Maghakian 7/9)
 11735 0200 455 INDIA BBC Limassol: EE nx, this transmission is on air be-
 cause of hurricane damage at Masirah (Shreedhar 7/26)...
 11740 0445 232 CA BBC Limassol: AA mx, big ben, OM tlk (Bryan 7/12)

INDIA

All India Radio
 9525 *2100 212 IL AIR Aligarh: EE ID, nx, cmty, mx (Onken 7/26)(Bryan CA)
 11725 1115 232 WI AIR Delhi: tlk in u/lang, mx, // 9705 (Zilmer 7/24)

INDONESIA

3205 1240 211 OR RRI Gorontalo: Indo relig type choral mx (Uerlings 8/13)
 3215t 1245 232 OR RRI Manado: Indo w/ YL tlk (Uerlings 8/13)
 3223a 1255 322 OR RRI Mataram: Indo OM w/ tlk, IS, ID (Uerlings 8/13)
 3232 1332 242 OR RRI Bukittinggi: YL w/ Indo vocals (Bodell 8/12)
 3276m 1306 211 OR RRI Jakarta: Indo OM/YL w/ tlk, mx (Uerlings 8/13)(Bodell)
 3345 1340 --2 CA RRI Ternate: Indo tlk by YL, local mx (Cleveland 7/25)
 3355 1325 333 OR RRI Sumenep: Indo w/ speech by OM in relay, // 3205,
 3215, 3225, 3241, 3265, 3295, 3325, 3345, 3395, 3905,
 3960, 3961, 3975, 4000, 4699, 4719, 4790, 4845, 4855,
 4875, 4900, 4932, 4986, 5056 (Bodell 8/16).....
 3550 1330 222 OR RRI Kupang: Indo mx, not // to those above (Bodell 8/16)
 4719 1253 343 CA RRI Ujung Pandang: Indo pop mx, YL/OM (Bryan 7/13)
 unid RRI w/ Muslim chants @ 1400, too weak for UP (Cleve)
 4775 1341 242 OR RRI Jakarta: OM w/ Indo tlk, // 4805 (Bodell 8/16)
 4875 1340 --2 CA RRI Sorong: local mx, ancmts, "LA," 1401* (Cleveland)
 5047 1348 --2 CA RRI Yogyakarta: Indo w/ local mx, YL vocals (Cleveland)
 5205 1345 --- CA unid w/ vocal mx, severe CW QRM (Cleveland 7/27)
 11789 1210 444 JPN V. of Indonesia: JJ w/ nx by OM, mx (Ishizaki 8/10),
 (EE @ 1434 Elder SASK).....

IRAN

15084 1750 455 NY V. of Iran: Farsi domestic svce w/ radio drama (Novello
 8/6)(@ 0630 Bryan CA)(@ 1145 Earhart PA)(@ 0045 Stone)..

OFFICE DE RADIODIFFUSION-TELEVISION ISRAELIENNE

ISRAEL

ISRAEL BROADCASTING AUTHORITY
 7412 0500 454 NY IBA: EE nx, press cmtry (Brodsky)(Franck VA)(Earhart PA)
 9425 2000 343 NY IBA: EE nx (Brodsky 7/5) / NY
 9435 2230 555 ONT IBA: EE nx, then TGIF (Mason 8/5)(Underdown AR)(Getzel
 9455 0417 433 IN IBA: Hebrew HS w/ exercise, OM & piano (Watts 7/27)
 9815 2000 343 NY IBA: interview w/ Javits (Brodsky)(Carrier FL)(Grenier)
 11625 2245 323 MD IBA: Hebrew w/ Miles Davis jazz (Diamond)(Earhart PA)
 11655 2000 242 VA IBA: EE nx, mx, // 15100 (Schweikart 7/19);(*2230 Diamond
 MD)(Elder SASK)(Smith FL)(Famularo NJ)(Brodsky NY)(Bryan
 CA)(Arnold CA)(Grenier CA).....
 11765 2015 333 NY IBA: "Calling All Listeners" (Brodsky 7/10) unlisted
 11950 2005 232 VA IBA: EE nx (Schweikart 7/24)
 11960 0500 454 NY IBA: EE xn, press comments (Brodsky 7/11)(Famularo NJ)
 12045 0500 353 NY IBA: EE tlk on Mideast policies (Brodsky 7/7)
 15415 0345 333 WI IBA: RR nx, then jammed (Zilmer 7/27)
 15485 *2230 444 FL IBA: EE nx, cmtry, freqs, times, request rpts, 2300*
 w/ anthem (Smith 7/15)(Gaede CA).....
 17815 1758 444 NY IBA: IS, then RR s/on w/ nx, tlk, jammed? (Maghakian)
 21500 1830 333 WI IBA: RR nx, then jammed about 1831 (Zilmer 7/27)

RADIO JAPAN

JAPAN
 3910 1040 343 AR Far East Network: EE mx, ads, ID, nx (Underdown 8/6)
 3925 1115 322 OK NSB: JJ tlk by OM/YL (Spencer 7/23)(Cleveland CA)

JAPAN (continued)

6030 0857 444 CA R. Japan: IS, YL w/ JJ ID, KK svce (Hall 8/11)
6055 1352 --2 CA NSB: OM/YL w/ tlk, play? (Cleveland 8/2)
6155 1052 333 CA FEN: EE w/ pop mx, ID, CBS nx (McCurdy 7/14)
9505 0955 232 MA RJ: IS, EE ID, s/on w/ nx (Lobdell 7/26)(Franck VA)(Link CA)(Carrier FL)(Gaede CA)(Hall CA).....
9595 1530 454 CA NSB: EE w/ "Tokyo Forum" is 1530-1615, not 0630-0715 as listed is WRTH (Hamilton 8/3)(Link CA)(Newell BC).....
9675 1143 444 CA RJ: EE w/ "Industrial Scene," mx, ID (Hall 8/4)
11705 1125 343 NY RJ: SS tlk, JJ mx, to LA, 1130* (Maghakian 7/24)
11750 0800 232 EI FEN: EE ID, then covered by a RR (McDonald)(Hall CA)
11815 1400 242 FL RJ: EE ID, freqs, world nx (Carrier)(Gaede CA)(McCurdy)
11875 0930 353 FL RJ: JJ w/ EE/JJ ID, nx (Carrier 7/27)
15105 2001 544 ALB RJ: EE nx (Pimblett 8/4)(@ 0625 Bryan 7/10)
15195 0135 444 NJ RJ: EE nx, ID (Agner 8/2)(Lobdell MA)(@ 1100 Hoffman PA)
15235 1015 453 CA RJ: EE w/ "DX Nx," nx, to ANZ (Unruh 7/10)(Gaede CA)
15300 0143 343 ONT RJ: EE tlk on JJ xports (Mason 8/4)
15310 *0400 252 AR RJ: EE GOS nx, // 17880, 15105 (Underdown 8/5)(Miller CA)(Maghakian NY)(@ 0600 Beaudoin CT).....
15420 0215 454 HI RJ: EE w/ "Tokyo Calling," DX Nx" (McDonald)(Zilmer WI)
17880 *0400 152- NY RJ: EE nx, cmtry, // 15105 (Maghakian 8/2)

9-12 AKASAKA CHOME, MINATO-KU, TOKYO, JAPAN.
TEL. TOKYO 353-8331

D. P. R. KOREA

2850 1300 332 CA KCBS: KK tlk by YL, TPs, OM tlk (Bryan 7/13)
4115 1150 222 OK VRPRK: KK tlk, mx (Spencer 7/23)(on 4120a Underdown AR)
6540 1156 343 AR R. P'yongyang: u/lang w/ lite classical mx (Underdown)
6772 1150 454 AR RP: SS nx, cmtyr, mx (Underdown 8/6)(Zilmer WI)(EE @ 1040 Unruh CA)(McCurdy CA).....
9420 1100 433 WI RP: u/lang tlk, no EE this freq after Aug 1 (Zilmer 8/7)
9977 1100 343 WI RP: EE, new time 1100-1300, // 11535 (Zilmer)(Streveler)
11350 1100 343 WI KCBS: KK tlk, mx, YL/OM tlk (Zilmer 7/28)
11535 1200 544 INDIA RP: EE w/ ancmts, nx, tlk, is 1100-1250 after Aug 1 (Shreedhar 7/11)(Zilmer WI)(McCurdy CA)(Miller CA).....
11780 *1000 --- WI RP: EE, // 9420, 9977, 11535 no longer used (Zilmer)
15335 2305 222 CA RP: EE tlk on great leader (Grenier 8/1)
15650 1002 444 CA RP: EE nx, cmtry (McCurdy 7/13)

R. OF KOREA

6135 1245 433 CA R. Korea: JJ tlk, brief mx (Bryan 7/31)
9525 *1000 323 INDIA RK: EE w/ nx, cmtry, tlk (Shreedhar 7/18)(McCurdy CA)(Miller CA)(@ 0830 Hall CA).....
9640 *1600 323 IL RK: EE ID, nx, mx of Korea, ID, 1630* (Onken)(Grenier CA)(Link CA)(Pimblett ALB)(Arnold CA)(@ 0615 Zink CA)...
9665 *1130 332 WI RK: EE nx, // 7150, 11860 (Zilmer 8/6)
9675 0653 333 CA RK: SS OM/YL tlk on Seoul (Hall 8/12) blett)
9720 1805 444 ID RK: EE ID, nx of Korea, cmtry by YL (Crabbe 7/30)(Pimblett)
11860 *1130 333 MA RK: KK IS, ID, freqs, KK/Asian nx, cmtry, to Europe & SEA (Karcheski 8/4)(Donly SC)(Zimarowski MA)(Zilmer WI)

KUWAIT

12085 1924 433 NJ RK: EE request pgm, pop mx (Famularo 8/5)(Streveler HI)(Carrier FL)(McDonald HI)(Brodsky NY)(Bryan CA).....

LAOS

4654 1315 333 CA Houa Phan Prov Sta: Lao tlk by YL, // 5160 (Bryan 7/31)

Far Eastern Relay

MALAYSIA

6195 1250 343 VA BBC Tebrau: EE tlk, world nx, LP showcase (Schweikart)
7200 1005 433 CA R. Malaysia Penang: BM tlk on industry (Hall 8/12)
7295 1230 343 CA RM Penang: BM/EE w/ OM, soft mx (Alberts 8/6)(Bodell OR)
9725 *0930 444 CA BBC Tebrau: "EE by Radio" (Unruh 7/9)
9740 0856 555 CA BBC Tebrau: ID, WS nx (Hamilton 7/17)(Hoffman PA)
11750 1530 444 ALB BBC Tebrau: EE w/ "Sat. Special" (Pimblett 8/6)
11910 1213 333 CA BBC Tebrau: Thai w/ IS, ID, world nx (McCurdy 8/1)
11955 *1600 444 CA BBC Tebrau: EE OM w/ world nx (Alberts 8/10)(Bryan CA)
15295 0740 232 HI R. Malaysia: EE w/ pen pals, mx, requests (McDonald)
17880 0019 454 HI BBC Tebrau: EE w/ world nx (Sueoka 7/23)

BBC WORLD SERVICE



Sabah

4970 1348 333 CA R. Malaysia Sabah: vern. w/ pop mx (Bryan 7/11)

Sarawak

3385 1342 --2 CA RM Sarawak Miri: vern. w/ Muslim chants (Cleveland &/25)
4835 1435 544 CA RMS Kuching: BM w/ pop mx, dedications (Miller 7/18)
4950 1204 323 CA RMS Kuching: EE w/ nx, wx, pop mx (Grenier 7/24)
5005 1351 --3 CA RMS Sibui: Iban YL w/ tlk, mx, 1400 ID (Cleveland 7/27)
5030 1328 433 CA RMS Kuching: Bidayah w/ local/pop mx, YL DJ (Bryan 7/11)
7270 1001 544 CA RMS Kuching: Iban w/ YL/OM tlk (Hall 8/12)

MONGOLIA

7236 1415 232 CA UBR: CC OM/YL tlk, Mongolian mx (Bryan 7/31) any ID?, reb.

NEPAL

3425 1320 242 CA RN: Nepali w/ mx, OM DJ (Bryan 7/31)

PAKISTAN

9645 0036 232 JPN RP: EE OM tlk on Pak, patriotic mx (Junqua 7/18)
9790 2145* 232 WI RP: EE w/ Pak mx, chanting, ID, tlk, anth (Trautschold)
11640 2114 353 NY RP: EE nx, cmtry, mx, // 9790 (Utter 7/23)(Maghakian NY)
(Schweikart VA)(Klemens NJ)(Hoffman PA)(SchiPELLITI MA).
11680 1940 343 NY RP: AA? w/ mideast mx, ID, then off (Maghakian 7/14)
15325 0235 434 NY RP: chanting, EE cmtry, then off (Getzel 7/28)(Franck)
15520 1630 332 WI RP: EE slo speed nx, 1645* (Zilmer 7/23)
17665t 1630* 444 NY RP: Urdu? w/ film mx, tlk, anthem, then off (Novello
8/8)(Indo @ 0225 Maghakian NY)(EE @ 1110 Lobdell MA)....
17830 *0230 242 NY RP: EE w/ slo speed nx, 0245* (Maghakian 7/26)

PHILIPPINES

3285t 1315 232 OR DPI one: Tagalog? w/ ancmts, pop mx (Bodell 8/16)
7210 1652 333 CA VOA: Bengali w/ tlk by OM/YL (Bryan 7/10)
7225 1356 --3 CA FEBC: JJ tlk, hymns, ID, 1400* (Cleveland 7/19)
9579 0825 444 CA V. of Philippines: EE w/ "Musical Filipinas," "Phil.
Mailbag" w/ Julie (Unruh 7/9)(Hamilton CA).....
9640 1230 444 JPN R. Veritas: JJ w/ ID, IS, nx, mx (Ishizaki 8/10)
11765 0916 544 CA FEBC: EE w/ relig. pgrm, world nx (Miller 7/21)(Hall CA)
11855 *0758 555 CA FEBC: EE nx, relig. pgrm, mailbag @ 0845 (Hamilton 7/29)
(Zimarowski MA)(McCurdy CA)@ 1128* Hall CA).....
11930 *1100 333 CA VOA: ID, then Indo pgrm (McCurdy 8/1)
15235 0042 333 CA FEBC: EE w/ "Worth Thinking About" (Grenier 7/30)
15290 2300 333 NJ VOA: EE w/ "Breakfast Show" (Klemens)(Beaudoin)(Hoffman)
15395 0434 222 CA FEBC: EE nx, relig. tlk (Zink 7/27)(Shreedhar INDIA)
17810 0010 333 VA FEBC: EE ID, relig. tlk, mx, 0030 nx (Franck 7/13)
19260h 0916 343 JPN VOA: RR w/ ragtime mx, tlk, 2 x 9630 (Junqua 7/11)



SA'UDI ARABIA

6100t 1930 344 CT BSKSA: AA tlk, little mx, other AA QRM (Beaudoin 8/2)
11854.7m 2100 333 MA BSKSA: EE classical mx pgrm, VOA QRM @ 2106 (Zimarowski)

SINGAPORE

5052 1353 232 CA RS: EE w/ pop mx, YL ancr (Bryan 7/11)(Cleveland CA)
11940 1510 333 CA EE nx, TPs, ID, mx w/ DJ (Link 8/8)(Alberts CA)(Hall
CA @ 1142)(Grenier CA).....

SRI LANKA

9720 1625 233 SASK SLBC: EE mailbag, ID, relig. pgrm (Kawchuk 8/7)
11800 1703 343 ALB SLBC: beautiful subcont. mx in Hindi svce (Pimblett 7/19)
15185 0127 333 MA VOA: EE nx headlines, 0130 Hindi (Zimarowski)(Bryan CA)
15425 0142 232 NY SLBC: EE w/ "Back to the Bible." nx, pop mx and greetings
frequent TCs (Utter 7/26)(Bowers TURK)(Getzel NY).....

SYRIA

9545t *1745 433 MA RD: chime IS, ID, anth, ID, freqs, Qu'ran (Karcheski 7/24)

TAIWAN

3230 1257 333 OR BCC: CC tlk by YL (Uerlings 8/13)(Bodell 8/12)
7130 1447 444 ALB VOFC: JJ tlk by YL, CC mx, 1500*, Peking s/on (Pimblett)
15425 *0100 222 IL VOFC: EE w/ ID, nx, CC mx (Onken)(Zink CA)(CC @ 0056
Grenier CA)(Gaede CA).....
17890 0317 454 HI VOFC: EE w/ "Let's Learn CC" (Sueoka 7/22)(Utter NY)
(Franck VA @ 0100)(Miller CA)(Zink CA @ 2149)(Earhart
PA)(Bryan CA).....

53 Jen A. Road, Section 3
Taipei, Taiwan.
Republic of China

TURKEY

9515 2210 544 MA VOT: EE nx, press rx, DX nx (Fraser 7/20)(Lobdell MA)
11880 *2200 433 ONT VOT: EE nx, "Turkish Explorers and Geographers," TT mx (Skora 7/25)(Elder SASK)(Franck VA)(Hamilton CA)(TT @ 1900 Trautschold WI)(Bryan CA)(GG @ 2100 Schipelliti MA)

THE VOICE OF TURKEY

UNITED ARAB EMIRATES

9620 2107 222 CA Abu Dhabi: AA tlk, Streisand mx (Martin 7/15) any ID?

U. S. S. R. (Asiatic and unid sites)

4040 1030 343 AR Anadyr w/ Mayak pgrm, IS, RR mx, nx (Underdown ???)
4485 1039 222 AR Petro. Kam, relaying Vladiv., RR mx, // 5015 (Underdown)
4860 2256 433 NJ feeder w/ EE cmtry, ID (Agner 7/29) TBS lists Kalinin
5015 1120 333 CA Vladivostok w/ Mayak pgrm, RR tlk, mx (McCurdy)(Cleve.)
7100 1014 444 CA Yakutsk w/ RR tlk by OM behind mx (Hall 8/12)
7210 0815 333 CA Khabarovsk w/ RR lite mx, tlk, // 7195a (Hall 8/12)
7310 0730 322 CA Khabarovsk w/ Mayak pgrm, // 11990, RTTY QRM (Hamilton)
7320 0805 444 CA Armavir w/ RR pgrm of tlk by YL (Hall 8/12)
9465 0320 554 CA unid site w/ SS tlk to LA, ID (Hamilton) 9470 is Moscow
9500 1932 553 BC Magadan local w/ RR dancing lessons (Newell 8/7)(Gaede)
9600 1924 543 BC Okhotsk or Magadan w/ RR OM, // 9500 to 1930 (Newell 8/7)
9760 1919 543 BC Yakutsk w/ RR YL/OM, // 9710, 9610 (Newell 8/7)
9780 0842 343 CA Nikolaevsk: EE w/ YL nx, ID, tlk (Hall 8/12) R. Moscow
9600 1913 543 BC Khabarovsk w/ RR YL/OM in local?, low mod. (Newell 8/7)
11720 0509 333 CA Nikolaevsk w/ EE, classical mx, daily thought (Gaede)
11850 2000 444 ALB Radiostantsiy Rodina w/ ID, RR ID (Pimblett) Simferopol
12020 0424 433 CA R. Moscow via PK: EE tlk on Rep. development (Grenier)
15100 0200 322 NJ RM via Vladivostok: EE tlk, cmtry, ID (Agner)(Bryan CA)
15180 0440 444 ALB RM via PK w/ EE mailbag, letter from Paul Routenburg (Pimblett 7/24)(R. Vilnius @ 2300, // 15405 Pimblett)...
15210 0030 444 CA RM via PK w/ EE nx, "Greetings from Moscow" (Unruh 7/9)
15505 2044 232 BC RM w/ EE YL w/ features (Newell 7/23) listed Serpukhov
21490h 0621 232 JPN Nikolaevsk? w/ Mayak IS, lite mx, 0631*, 3 x 7230? (Junqua 7/15)

Georgian S. S. R.

11805 ???? 222 CT RM via Tbilisi: EE nx (Beaudoin 7/12) RADIO MOSCOW NORTH AMERICAN SERVICE

Kirghiz S. S. R.

11860 1600 242 CT RM via Frunze w/ EE in Asia svce, QSL at hand (Beaudoin)

Uzbek S. S. R.

11730 1202 242 PA R. Tashkent: EE nx, ID, freqs, mx (Earhart 8/2)
15115 1200 343 JPN RT: EE w/ ID, IS, nx by YL (Ishikazki 8/10)



VIETNAM

4932 1332 343 OR Hanoi 1: Viet tlk by YL (Bodell 8/15)
7245 0814 333 CA Ho Chi Minh City: Viet tlk by YL (Hall 8/12)
7512 1022 444 CA Tay Nguyen w/ Lao OM w/ soliloquy (Hall 8/12)
10040t 1800 112 TX VOV: u/lang tlk by OM (Worob 7/16)(Zilmer WI) EE listed
10060 1130 332 WI Hanoi 1: Viet tlk, mx (Zilmer 7/24)
10224 1130 322 WI Hanoi 2: Viet tlk by YL, // 7417 (Zilmer 7/24)
12035 1155 222 WI VOV: u/lang tlk by YL, local mx (Zilmer 7/24)
15009 1707 333 CA VOV: Viet nx by YL, mx, cmtry (Bryan 7/10)
15490 ---- --- NY correction of July logging, should be 14990 (Maghakian)

P. D. R. YEMEN

7190 0240 322 NJ DYBS: continuous Qu'ran, to past 0301 (Agner 7/28)(Underdown AR)

D A T E L I N E

AUSTRALIA - since Aug. 1 RA has been using 21455 (ex 15270) for its 0130-0300 xsmn (via Bill Miller), more changes expected on Sept. 4....RA has a brand new programme guide out, write them at RADIO AUSTRALIA, MELBOURNE 3000, AUST.

BANGLADESH - R. Bangladesh's External Svce has this current sked: (0445-0515) in EE on 15402, 17890, 21685; (0515-45) in AA on 15502, 17890; (1115-45) in Nepalese on 9500, 9515; (1230-1300) in EE on 15520, 17890; (1340-1400) in Pushtu, (1400-1500) in Urdu, and (1500-30) in Punjabi, all on 11890 (11887), 15530; (1600-30) in Hindi, (1645-1815) in Bengali, (1815-1900) in EE, and (1900-15) w/ slo speed EE nx, all on 9495, 11620BCCMS

D A T E L I N E C O N T I N U E S - - - - -

HAWAII - In response to rumors in SCDX of a possible establishment of a SW station "Radio Nacional de Hawaii" in Hawaii, Mike Hardester, Okinawa, contacted sources in Honolulu and got the following response from Melvin Vittum, Engineer in Charge, FCC. "There are....no short wave broadcast stations in Hawaii. An application for a 1000 kW short wave broadcast station to be installed on Maui was filed in 1973 by the Billy Graham Evangelistic Association but there has been no activity on the application. There is no indication there will a short wave broadcast station in Hawaii in the near future." thanx Mike for helping to squelch that rumor.....

INDONESIA - the complete revised Voice of Indonesia sked on 9585, 11789 1s: (0100-0200) in EE, (0200-0300) in Indo, (0800-0900) in EE, (0900-1000) in Malay, (1000-1100) in Mandarin, (1100-1200) in Indo, (1200-1300) in JJ, (1300-1400) in FF, (1400-1500) in EE, (1500-1600) in Indo, (1600-1700) in AA..BBCMS

ISRAEL - IBA pgrms (1400-2000) are now on 15165, xcept Hungarian, Ladino, and Mograbit svces.....BBCMS

JAPAN - R. Japan has these changes in its S-77 sked: GOS, to America 9505 begins @ 0500 (ex 0700), to Europe 17795 replaces 15310 & 9585 (0600-1130); regionals, to Mideast (1945-2115) 7250 rep. 11875, to NA (2345-0045) 11705 rep. 15300, Europe 1 (0630-0830) 17825 rep. 15430, Europe 2 (1800-1930) 7195 rep. 11950, to LA the svce begins @ 0900 (ex 0930), Asia 1 (1230-1345) 6030 rep. 9675, and SEA 4 (2300-30) 15420 rep. 15410.....direct BBCMS

JORDAN - Amman's domestic svce in EE is now on air continuously (0500-1730)

D. P. R. KOREA - major increases in the output of R. P'yongyangk External Svce have been noted.....we should have the sked next month

R. OF KOREA - meanwhile changes in R. Korga's svce have also taken place: EE @ 0300, and KK @ 0330 & 0800 are discontinued, there is now a svce to the mideast on 7550 w/ 1500-1700 in KK and 1700-30 in AA, there is also AA now 1230-1300, the 2000-30 EE svce is now intended for Eur. & NA.....BBCMS

LEBANON - SW relays of Beirut's domestic svce in AA are on 5980 (0355-0730, 1700-2010), and 9550 (1045-1630).....BBCMS

PAKISTAN - RP is using 17890, not 17800 for the Burmese svce (1100-1200) BBCMS

PHILIPPINES - DPI (Department of Public Information) has an external svce in EE on 6170, 9615 (0800-1200 and 2000-0000).....BBCMS

SA'UDI ARABIA - Riyad's domestic svce in AA is now on 15245 (1400-1800+) BBCMS

TAIWAN - VOFC's sked is best at these time (0000-0100) in Amoy, Cantonese, or Mandarin; (0100-0200) in Chaochou, EE, Hakka; (0200-0300) in Cantonese, Indo; (0300-50) in EE; (0400-0500) in Amoy, Chaochou, Mandarin; (0500-0600) in Hakka, Thai; (0500-0700) in Cantonese; (0600-0700) in Indo, Viet; (0900-1000) in Amoy, Mandarin; (0900-1200) in Mandarin; (1000-1100) in Hakka, Korean, Mandarin; (1100-1200) in Mandarin, Japanese; (1200-1300) in Mandarin, Chaochou, Cantonese; (1200-1400) in Cantonese; (1300-1400) in Amoy, Viet; (1330-1400) in Mandarin; (1400-1500) in Mandarin, Japanese, Thai; (1830-1930) in Arabic; (1930-2030) in French; (2030-2130) in French; (2040-2140) in Mandarin; (2130-2230) in EE, Japanese; (2140-2240) in EE; (2230-2330) in Korean; (2250-2350) in Mandarin; (2300-50) in Spanish.....using any of these freqs: 5980, 7130, 9510, 9575, 9600, 9685, 9765, 11745, 11825, 11860, 11915, 15125, 15225, 15345, 15425, 17720, 17800, 17890.....BBCMS

UNITED ARAB EMIRATES - Dubai's commercial station plans to have a new 750 Kw MW and a "powerful SW" transmitter in operation soon, broadcasting 21 hours a day in AA and 8 hours a day in EE.....BBCMS

thanx to 83 reporters this month, and welcomes to new ones: Mike Agner, Marvin Diamond, Robert Fraser, Ronald Norman, Phillip Worob, Rick Elder, Paul Mason, Bobby Dunnigan, Dennis Strevler, Bob Underdown, Chip Karcheski, David Schweikart, Gregory Skora, and the many other new contributors we haven't had a chance to acknowledge over the past several months, 73, 08/23/77

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

LARRY TALBOT

PROGRAMS

ENGLISH SERVICE

N84 W15119 Knoll Terrace
Menomonee Falls, WI 53051

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

AUSTRALIA, RA, changes in sked
Indo svc 1200-1500 now 9640 ex 9750.
EE svc from Shepparton:
0130-0300 now 21455 ex 15410.
0900-1600 now 9550 ex 9695.
1000-1400 on 15190 & 1530-1730 on
11930 have been dropped.
0800-1600 on 11705 is new.
From Carnarvon:
0130-0600 is on 15340.
0600-1000 is on 17895.
Maghakian, Unruh, Bernstein.

CANADA, RCI, EE Sept 4-Nov 5.

To Western Europe:
0615-0630 on 11865, 9655, 7155, 6140.
0645-0700 same.
1400-1500 (Su only) 6195.
1645-1700 on 17820, 15325.
1930-2000 on 17735, 15325, 11855,
5995.
2030-2100 on 17820, 15325, 11855,
5995.

To USA:

0100-0130 on 9535.
0200-0230 on 9655, 9605.
0300-0330 on 9655, 9605, 6000, 5960.
0400-0430 on 9655, 5960.
2200-0000 (M-F) 5960. After Oct. 31,
2300-0100 on same freq.

To Caribbean/Antilles:

0100-0130 on 11940.

To Latin America:

0100-0130 on 11940, 9535.
0200-0230 on 9655, 9605.
0300-0330 on 9655, 9605, 6000, 5960.
0400-0430 on 9655, 5960.

To Africa:

0615-0630 on 11720, 6065.
0645-0700 on 11720, 6065.
1400-1415 on 17780, 15290.
1800-1830 on 17820, 15260.
1900-1930 on 17820, 15260.

To Eastern Europe:

1530-1600 on 11935, 9555.
Diamond, Maghakian, Corbishley.

CZECHOSLOVAKIA, R. Prague, Hank Ligon

sends these freqs from his QSL:
0100-0157 & 0300-0357 EE to NA on
5930, 7345, 9540, 9630, 11990.

EGYPT, R. Cairo, now using 7260 ex
7235 to NA @ 0200-0330. 9475 remains
the best bet tho. Maghakian.

FINLAND, RF, Sep 4-Nov 6, EE
0930-0955 (Sa-Su noly) to Eur/nAfr

FINLAND (cont)

on 9550, 11755, 15270.
1300-1325 to Eur on 11755, to NA on
15105, to FE/Austral on 15260.
1900-1925 to sEur/ME on 11755, to
wEur/wAfr on 15265.
2030-2055 to Eur/Afr on 9550 11755.
2330-2355 to NA on 11755.
Underlined freq =250kw.
Fraser, Diamond, Batson, Maghakian.

GERMANY, E, RBI, this is a older
sked but it is still being sent out
by RBI so here goes. All EE:

To Europe:

1930 on 6080, 6115, 7185, 7300, 9730
2215 on 7260.

To Africa:

0445 on 9500, 11720.
1315 on 17800.
1800 on 15145, 15170, 15250.
2000 on 9665, 15250.

To South-East Asia:

0645 on 17700, 21465.
1200 on 15125, 15320, 21540.
1400 on 15125, 21540.
1530 on 15125.

To USA/Canada:

ECNA 0100 & 0230 on 9730.
WCNA 0330 on 9650, 11840, 11890.
With so many broadcasters making
changes in Sept, I wouldn't be sur-
prised to see this sked changed by
the time this is in print so be
cautious. LT. Somers.

GERMANY, W, Deutsche Welle, again
possibly an older sked. This is from
DW's "Hallo Friends". Again be ad-
vised that this sked could change.
All are for EE:

To Asia, Australia:

0120-0220 on 6065, 7210, 7285, 9690.
0930-1030 on 9650, 11850, 15275,
17715, 17780, 17800, 21540
1720-1750 7160, 9590, 11785, 15405,
17875.

2100-2200 on 7130, 9765.

To Central & East Africa:

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

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

1715-1745 on 7285, 9735, 11810, 15135

To West Africa:

0600-0630 on 9615, 9700, 11765,
11905, 15275.
1200-1245 on 15410, 17765, 17875,

GERMANY, W. (cont)

& 21600.
1930-2000 on 9765, 11905, 15150.
To North America:
0130-0150 on 6010, 6040, 6075, 6100,
9565, 9590, 9605, 11865.
0530-0550 on 5960, 6100, 6185, 9545,
9625.

Also remember that DW has relays in Antigua/Montserrat, Rwanda, Malta, Portugal. This sked does not show where broadcasts are from.
Bernstein.

GHANA, GBC, has drastically reduced its external services, for "Technical reasons". They now use only one freq, 6130. EE is 0600-0800, 1600-1700, 2000-2300. This is 100kw w/omnidir. antenna making NA reception difficult. Home svc is occasionally heard around 0600 on 4915.
Streveler.

GRENADA, RG,
1545-1800 on 9550.
1945-2200 on 15105.
0230- on 3300. Diamond.

HUNGARY, R. Budapest, EE
To Australia, New Zealand, Japan:
1030-1100 21525, 17715, 15160, 11910,
9585, 7155.

To Europe, Scandinavia: (M-F)
1200-1240 21525, 17785, 15160, 11910,
9585, 7155.

To Asia: (M-F)
1430-1500 21525, 17785, 15160, 11910,
9585, 7155.

To Europe:
2130-2200 17780, 15415, 11910, 9655,
7215, 5965.

To North America: (Tu-Su)
0200-0230 17710, 15225, 11910, 9585,
6000.

To North America:
0300-0330 17720, 15225, 11910, 9585,
6000.

DX pgm Tu & Fri for Eur 1515-1530 on 17780, 15160, 11910, 9585, 7155, 6110. For NA W & Sa 0400-0415 on 17720, 15255, 11910, 9585, 6000. This sked has been with us most of the summer & I wouldn't be surprised to see it replaced around Sept. either.
LT. Erwin.

JAPAN, NHK, Sep 4-Nov 5. EE
To Middle East, North Africa:
2015-2045 on 9700, 7250.

To North America:
2345-0045 on 15270, 11705.
To NA, SA, Hawaii:
0130-0230 on 17725, 17825, 15420,
15195.

To Europe:
0800-0830 on 15325, 17825.
1830-1900 on 9605, 7195.

To Australia, New Zealand:
0930-1030 on 15235, 11875.
To Southeast Asia:
1115-1145 on 11875, 9675.

JAPAN, (cont)

To South Asia, Africa:
1630-1700 on 11705, 9670.
Zilmer, Grenier.

KOREA, N., R. Pyongyang, EE
1800-2000 Afr on 6338, 9977.
0500-0600 Afr on 9420, 9820.
0600-0800 seA on 9820, 7580.
1200-1400 seA on 9768, 7580.
2300-2400 seA on 9510, 11535.
1000-1100 LA on 9768, 7203.
2000-2100 Eur on 6576, 9420.
Streveler.

KUWAIT, RK, EE
0800-1100 to E & seA on 15345.
1700-2300 to Eur on 12085.
1700-2300 to E & seAsia on 9580
Streveler.

LAOS, National R. of Laos,
Internal svc (presume lang is Lao)
2230-0100, 0400-0600, 0900-1430 all
on 6130.
External svc operates on 7145.
30 min FF, 30 min EE ea at
0030-0130, 0530-0630, 1300-1400.
Famularo.

LIBERIA, R. ELWA, targets are Afr.
Freq. Sundays Weekdays Saturday
4770 0655-2245 0625-0900 0625-2300
1555-2300
11950 0625-0800 0625-0845
1340-1700
11945 1800-2050 1800-2050 1800-2050
Elwa uses 45 different African lang,
so there is no guarantee how much EE
there is during these times, only
that there is some. LT. Corbishley.

NETHERLANDS, RN, (should this be Holland) these are EE Sep 4-Nov 7.
0630-0750 NZ B9630.
0800-0920 Au/NZ on B9715.
0930-1050 Eur on L9895, L9660, L7240
L5955, L6045.
1400-1520 seA/fE on L21480, L17810,
M11740, L9895.
1400-1520 Eur on L5955, L6045.
1830-1950 Afr on L17700, L11730,
M6020.

1830-1950 Eur on L6020.
2000-2120 Afr/Eur on M11730.
2130-2250 ECNA (M-F) L11730, L9715.
0200-0320 ECNA on B6165.
0500-0620 WCNA on B9715, B6165.
Remember to mind your Bs & Ls when
you log RN.
L=Lopik, B=Bonaire, M=Madagascar.
Look @ the 1830 listings for Eur &
Afr. If you recd on 6020 would you
log M or L? Depends on what you need?
Wilson.

NETERLANDS ANTILLES, TWR, EE
0030-0135 to Far East on 11925.
Dx pgm on Wed @ 0045.
1105-1230 to NA on 11815.
Dx pgm on Sat @ 1208.
Erwin.

POLAND, Polskie R., EE/Polish to NA
0200-0400 6095, 6135, 9525, 11815,
15120.

These are the freq PR has underlined
on the skeds they have been mailing.
Sawyer, Corbishley, Utter.

SAUDI ARABIA, BSKSA,
15355 1400-1700 Holy Quran 80°
9660 1700-2000 Holy Quran 275
11855 0500-0700 FF 233
11855 1000-1300 EE 233
17770 1300-1350 Indo 100
17770 1400-1450 Urdu 75
11855 1500-1550 Persian 35
21530 1600-1650 Sawahili 200
9545 1700-1800 Turkish 320
11855 1700-1900 FF 233
11855 1900-2200 EE 233
Donly.

SOUTH AFRICA, Radio 5, which is one
of the internal svc sw stns, mostly
pop mx in EE & Afr.
0300-0530 on 3388.
0530-1530 on 6010.
1530-2200 on 3388. Maghakian.

SWITZERLAND, SBC, TO Nov 5 EE to NA
0145-0215 on 5905.
0430-0500 on 9725, 11715,
1315-1345 on 15140 (worldwide)
Kannry.

SWEDEN, RS, EE to NA
11905 @ 0030, 11705 @ 0230, 15305 @
1400 & 9695, 6120 @ 2300.
To Europe: 9630 @ 1100, 6065 @ 1830,
& 6065 @ 2100. Arnold.

TAHITI, FR3, has EE @ 1900-1910 on
6135, 9750, both 4kw & on 11825,
15170 both 20 kw. Streveler.

TAIWAN, Voice of Free China, EE
2130-2230 on 9510, 9600, 11860, 15225,
17720 all beamed to Eur/Afr/
2140-2240 on 9685, 17890 to NA.
2140-2240 on 11825 to Au/NZ.
Hardester.

THAILAND, RT, EE, to NA
0415-0515, 9655, 11905.
FF to Canada 0520-0550.
General external svc has pgms to
Asia/Eur/Australia/NZ 0930-1300
plus EE pgm non-directional 1040-1140.
All freq same as above. Hardester.

TURKEY, TRT, EE *2200-0030 9515 100kw
11880 250kw. DX Corner @ 2230.
Franck.

U.S.A., WYFR, EE to Mexico
0100-0500 on 6155.
2100-2300 to Eur/Af on 9690.
2000-2300 to Eur/Af on 11705 (Sa-Su)
1230-1550 to Eur/Af on 15110 (Sa-Su)
1605-2000 to neEur on 15110.
1700-1900 to Eur/Af on 15440.
2000-2100 to Eur/Af on 15440. Elder.

U.S.A. (cont)
1800-2000 to Eur/Af on 17845.
1230-1550 to Eur/Af on 17865 (Sa-Su)
1605-1700 to Eur/Afr on 17865.
1800-2100 to wAfr on 17875. Watts.

U.S.S.R., R. Tashkent, from a QSL:
1200 & 1400 on 15460, 15115, 11925,
& 11730. Corbishley.

VATICAN, VR, to the Americas:
0030-0130 on 5995, 9605.
2300-0030 on 9615, 11725, 11845.
11700 is not used. This is an ex-
traction from Greg Watts' by Freq
listing for Vatican R. If you want
a copy of entire listing (Eur, Afr
Asia etc) send me an SASE for a copy.
A similar listing for WYFR is also
available, also done by Greg. LT.

VENEZUELA, R. Nacional de Venezuela
2300-0000 on 6170, 15400 (M-F)
Diamond.

Here's one I let get out of order:
CUBA, R. Havana, EE to NA
2050-2140 on 11930, 15300.
0100-0450 on 9685.
0100-0600 on 11760.
0630-0800 on 9525.
To Northern Europe:
2010-2140 on 17885. Grenier.

Correction Correction Correction to
HUNGARY, R. Budapest, this issue,
just recd Budapest International in
today's mail, note error my listing
The DX pgm to NA the freqs should be
17200, 15225, 11910, 9585, 6000. LT.

Also received in today's mail some
interesting notes. From Jim Meehan
comes the info that R. Japan plans
to construct a Mediterranean relay
to improve reception ECNA. Details
were not given. Jim heard this news
on R. Moscow DX pgm 8-12.

Lawrence Cotariu recd a letter 8-17
from R. Finland describing their
expanded EE on Sundays. On Sun Sept
4th, R. Finland will expand its EE
pgm to 90 min. It will be 1325-1455
on 15105 & 11755.

Editor's note: With so many stations
cutting back EE, QSLs, external svcs
it is great to see someone expanding
their EE. Let's show our appreciation
by listening & writing to them. LT.
Radio Finland, External Service
P1 95, 00251 Helsinki 25, Finland.

With a little room left I would like
to thank all the contributors & es-
pecially welcome the new ones. You
can all make life easier for me by
following these guidelines:
When writing out skeds, only use 1
side especially with more than one
country on a sheet. Use plenty of
room because I cut them up. Tnx, LT.

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 15th



THE NEW ECUADORIAN PINE STATION which has been resorted by record numbers of SPEEDX uters is the Instituto Oceanografica de la Armada, HD210A The Chilean Embassy in Washington suggests this address as a possibility! c/o Capitan de Fragata Nelson Ricaurte Director de la Direccion Electronica y Armamento Primera Zona Naval Guayaquil, Ecuador, S.A. The test freqs were made permanent effective July 25 and the sked is as follows 0500-1700 3810khz; 1700-1800 5000 khz; and 1800-0500 7600 khz. If you get results or if you don't from the address pleas let Utility Report know! Or if you heard a recent HCJB DX Club program which gave data on this station and its address, please get in touch with your friendly neighborhood SPEEDX ute ed.!

THIS IS THE HEIGHT OF THE HURRICANE SEASON, and JIM GEBHARDT-IA would like to remind his fellow SPEEDX ute aficionados that now's the time to look for Hurricane Hunter transmissions. These aircraft use a voice call such as "Gull 14" or "NOAA #3697" or "Navy Gull 6" (sometimes just "Navy 6" or "Air Force Gull 4". Navy Gulls frequently work the Jacksonville NAS, ND317, and Roosevelt Roads, PR NAS, MRR. Air Force Gulls can often be heard working Albrook AFB, Loring AFB, and MacDill AFB. NOAA Gulls, as well as AF & Navy Gulls, also often work KJY74, communications center of the NOAA Hurricane Research Center in Miami, FL. For Air Force Gulls 6723 is primary & 4711 secondary. The primary NOAA freq is 13220. Some other freqs on which Gull traffic has been heard are: 4071.5, 4708.5, 8973.5, 9011.5, 11191, 1322.5 and 15072.5. Gulls also sometime use the Navy or Air Force flight service freqs of the Navy or Air Force station they are working.

APOLOGIES TO GUY SUEOKA & UTILITY REPORT READERS for a typo in the August column: the logging of NGR, Greece on 12867 should have been listed as in the CW mode, not SSB! (How gauche! I am greatly mortified and am castigating myself unmercifully!-Ed.)

THE USCG MARINE FREQUENCIES being monitored by the First Coast District commstas this summer season are, according to BOB FRASER-MA:

| GMT | SHIP TRANSMITS ON | SHORE STATION TRANSMITS ON |
|-----------|-------------------|----------------------------|
| 2200-1200 | 4094.8 khz | 4393.4 khz |
| 24 hours | 6207.2 " | 6521.8 " |
| 1200-2200 | 8226.8 " | 8760.8 " |

ADDENDUM TO "USCG LIGHTSHIPS", p. 119 in SPEEDX Utility Guide: The Portland, ME lightship, notes BOB FRASER-MA, was discontinued in April, 1975. The Columbia River, WA lightship was temporarily replaced by a buoy in July, 1976, and that buoy may have become permanent. The sole remaining U.S. lightship is Nantucket Lightship, KNBN, WLV-612 (Relief, WLV-613). Address: c/o Coast Guard Base, Boston, MA 02109. It is stationed on Nantucket Shoals, about 50 miles south of the eastern tip of Nantucket.

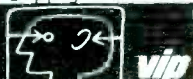
THE ADDRESS OF A CANADIAN COAST GUARD STATION with an unusual call was forwarded by HANK HOLBROOK-MD: Canadian Coast Guard Officer-In-Charge Traffic Centre Eddy Point - XJT29 R.R.#1 Mulgrave, Nova Scotia CANADA BOE 230.

USCG, PORTSMOUTH, VA RADIO NMN has announced new frequencies effective January 1, 1978, report GREG WATTS-IN & GEORGE BRICK-MA. NMN will transmit on 4422.7, 6506.4, 8765.4, 13113.2 and listen on 4134.3, 6200, 8241.5, 12342.4 respectively. By request only, NMN will transmit on 17307 & listen on 16534.4. To reiterate: this is effective January 1, 1978.

WERNER MUSTERLE, UTE ED. OF THE SHORTWAVE LISTENER'S CLUB SAAR (SWLCS) of West Germany has provided the following information for SPEEDX users in a gracious gesture of international DX goodwill: FJY42 Kerguelen Islands transmits to Paris 0700-0800 GMT every Tuesday (?) The unidentified multical marker on 7600a in the July SPEEDX is WFM55 IT&T NY NY (PREMI). (3) Some info on the Japanese units in that issue: JMC2/3/4/5 is the Tokyo Meteorological Station -- 4298(JL32), 6397(JK33), 8526(JK34) 12840 (JK35), & 17029(JK36). Hours of operation are: JK32/3/5 24h, JK4 0945-1815, and JK6 1815-0945. JME2/3 is also a Tokyo Meteorological Station: 3218(JMB), 7515(JLB2) 14605(JMB3), all CW. Sked is 0435, 1041, 1635 & 2240. Incidentally, Werner also sent me a copy of the June utilities column, "PTP" from his club's publication. It is beautifully printed & the ute column is 5 closely packed pages of very interesting loggings, indicative, it seems, of what the good ute DXer can expect to hear on the continent!

THE UTILITY REPORT DOES NOT HAVE THE ADDRESSES of any of the above meteorological stations and wonders if any of our excellent Japanese Ute DXers, Messrs. Koizumi, Kiyomiya, Junua, et al. can supply them?

Internationale Funkausstellung 1977 Berlin 26.8.-4.9.



WEST GERMANY'S WORLDWIDE DX CLUB has the following publications of interest to the ute DXer available:

| | DM | or IRCs |
|---|-------|---------|
| CALLSIGN LIST OF UTILITY STATIONS - over 5000 stations | 7.00 | 10 |
| LIST OF NON-DIRECTIONAL NAVIGATION LONGWAVE BEACONS | 5.00 | 7 |
| LIST OF "Z" CODE GROUPS - over 300 explained | 2.00 | 3 |
| LIST OF WEATHER BULLETIN CODING GROUPS - Ship, SYNOP, SHRED, MARID, MARED, Lightship, METAR - explained | 11.00 | 16 |
| LIST OF WEATHER BULLETIN CODE GROUPS - SYNOP, PILOT, Etc. | 5.00 | 7 |

May be ordered from: Worldwide DX Club P.O. Box 1263 Bad Homburg 1 West Germany. An additional IRC per item ordered is required for airmail delivery.

MORE UNID'S ID'D: The "KSL" on 12997 in the August issue, say RICK MATTHEW-BC & DON LONGACRE-NY undoubtedly must have been WSL on that freq. Rick Matthew also suggests that the "TNT" on 4012 with multiples was probably NDT multiplex, since that is one of their freqs. Rick also ID's the following from that column: On 4298, JMF is Sapporo Meteo, and the SS feeder on 11472 is XPG15, ANTELCO, Asuncion, Paraguay.

QSLs All frequencies in khz

- ALASKA: KIS70 Anchorage VOLMET 8903. F/d form ltr 10d for ms (Granone-NM)
- AKA: Elmendorf AFB 9018. No data ltr 12d for ms (Unruh-CA) Try a PFC, Don.
- AUSTRALIA: VZDN Darwin Aeradio 5673. PFC in 35d for IRC. 5kw. (Chabak-CO)
- VNG Telecom Australia 7500. Fldr photo cd 117d for 2 IRCs (Granone-NM)
- VNV8 AOTC Sydney 17366. F/d cd in 18d air for 2 IRCs (Sueoka-HI)
- BARBADOS: 8PO C&W Bridgetown 12709. F/d folder cd 28d air for IRC (Sueoka)
- CAMEROON: INTELCA Douala 9045.5 partial data ltr 10w for IRC (Dulmage-ONT)
- CENTRAL AFRICA: TLZ81 FCR Bangui PFC 204d for ms. 6kw. (Chabak-CO)
- CURACAO: PJC GRTA 8694. F/d cd 14d air for IRC (Sueoka-HI)
- FIJI: P&T Suva 12700. F/d ltr in 11d for IRC air. 250w. (Sueoka-HI)
- GUAM: NRV USCG 6521.8 PFC & ltr in 29d for ms. 10kw. (Gebhardt-IA)
- HAWAII: WVVH 2500. Date & freq only outrigger cd 20d for no RP (Underdown-AR)
- NPM USN Lualualei 4740.5 date & freq only ltr 6d for ms. (Unruh-CA)
- Honolulu VOLMET 8903 typed f/d cd in 13d air for ms (returned) (Granone-NM)
- same in 6d for ms. (Unruh-CA)
- HOLLAND: PCH93 PTT Scheveningen 17103.2 f/d cd 13d air for IRC (Sueoka-HI)
- ISRAEL: 4XO PTT&R Haifa 17145.4 f/d ltr in 26d for IRC (Sueoka-HI)
- MALAYSIA: 9MG2/3 D.G.T. Penang 8698/12678 f/d ltr 9d air for IRC (Sueoka-HI)
- NEW CALEDONIA: FCR Noumea Freq?? French ltr 16d air for ms (Chabak-CO)
- PANAMA CZ: ANF Albrook AFB 5710. AFCS cd 21d for ms (Gebhardt-IA)
- SPAIN: EAD CTNE Aranjuez 6393 no data reg. ltr 62d for 2 IRCs (Dulmage-ONT)
- SWEDEN: A.C.T. Goteborg 12880.5 no data ltr 11d air for IRC (Sueoka-HI)
- TAIWAN: XSW Kaohsiung R. 12727.5 f/d ltr 11d for IRC air EE rpt (Sueoka-HI)
- U.S.A.: NKF USCG Boston 2670 f/d ltr 2w for ms (Insinger-NJ) (Gebhardt-IA)
- NMC USCG Pt Reyes CA 2670 time & freq only ltr 11d for ms (Unruh-CA)
- WNU TR&T Slidell LA 4310 f/d cd 9d for ms (Sueoka-HI)
- WCC RCA Chatham MA 4331 no data ltr in 8d for ms (Hall-CA)
- NOH USCGAS Chicago 5692. PFC 7d for ms. 400w. (Gebhardt-IA)
- NMW51 USCGAS Astoria OR 5696. PFC, info booklet & 40pp. "US Coast Guard History" for ms in 22d. 400w. (Gebhardt-IA)

NCYS USCGAS Corpus Christi TX 5696. PFC, bumpersticker, 3 iron-on patches & 36pp. "USCG SHIPS, PLANES & STATIONS" in 7d for ms (Gebhardt-IA)
 VOA feeder Greenville 5747.5 f/d VOA cd 13d for no rp (Hall-CA)
 NMA USCG Miami 6521.8. PFC in 13d for ms. 1kw. (Gebhardt-IA)
 AFG37 Scott AFB IL 6728 f/d ltr 5d for ms (Gebhardt-IA)
 VOA Feeder Greenville 7655 f/d cd in 13d for no rp (Hall-CA)
 WOE RCA Lantana FL 8486 freq only ltr in 5d for ms. (Hall-CA)
 NMC USCG SanFran CA. 8760.2 PFC in 8d for ms. 10kw. (Granone-NM)
 WWD BuCom Fishery Sta La Jolla CA 8789.6 PFC 31d for ms 10kw(Granone)
 WSY70 NY VOLMET 8868. NO DATA ltr on operations 10d for SASE.(George-TX)
 This has been reported by others recently, SO - when reporting to NY VOLMET explain very politely & carefully exactly what you want. Or try aPFC
 KMI AT&T Oakland CA 8738.4 freq only ltr 20d with site @ Dixon & hi-seas info booklet. 10kw. (Unruh-CA)
 AFI McClellan AFB 8989 f/d ltr & McClellan Airways info 13d ms(Gebhardt)
 NRDC USCGC "Campbell" 13124.4 PFC 26d for ms. 500w. (Granone-NM)
 WOM AT&T Ft Lauderdale FL 13151.2 date only color globe & boat cd in 8d for ms. (Hall-CA) 13154.5 same in 12d (Granone-NM)
 HAWAII: AGA Hickam AFB 13201. AFCS f/d cd in 29d for ms (Gebhardt-IA)
 PUERTO RICO: NMR26 Borinquen USCGAS Aguadilla 2182/5692. Ltr after f/up 457d total for 2 ms (Holbrook-MD)
 SHIPS: 6ZCV "Golar Solveig" tanker 2182. Ltr 49d for IRC. 100w(Holbrook-MD)
 ETKX tanker "Wilmington Getty" 8210a. Ltr 37d for ms. 150w.(Holbrook-MD)
 GYLA "British Security" tanker 8204.4 ltr 36d for IRC 110w(Holbrook-MD)
 DAGE Shelter-Decker "Havelland" 8360 ltr 38d for ms. 375w(Holbrook-MD)
 LCMV "Dyvi Pacific" RO/RO ship 8364. Ltr 30d for ms. 1kw.(Holbrook-MD)
 NRLD USCGC "Boutwell" 5696. PFC 38d for ms. 700w. (Gebhardt-IA)
 NRLT USCGC "Resolute" 6521.8 ltr & PFC 37d for ms. 500w (Gebhardt-IA)
 NRDC USCGC "Campbell" 6521.8. PFC 22d for ms. 500w. (Gebhardt-IA)
 NRTS USCGC "Dauntless" 6521.8. PFC 18d for ms 350w (Gebhardt-IA)
 NRPR USCGC "Conifer" 2670. PFC in 16d for ms. 120w. (Chabak-CO)
 RFIJ USCGC "Point Stuart" 2694. PFC in 12 d for ms. 125w. (Chabak-CO)
 NAQD USCGC "Jarvis" 6521.8. PFC & LTRS & 5 "Jarvis" nxltrs, ship brochure, mission info (visited Japan & USSR), ship poster, etc. VS: entire crew! Power 500-1500w. (Gebhardt-IA)
 NCRG USCGC "Courageous" 6521.8. PFC 7d for ms. 500w. (Gebhardt-IA)
 NHRW USCGC "Midgett" 6521.8 PFC 13d for ms 150w (Gebhardt-IA)
 NZVE USCGC "Alert" 6521.8. PFC in 9d for ms. (Gebhardt-IA)
 NRPR USCGC "Conifer" 6521.8. PFC in 8d for ms. 100w. (Gebhardt-IA)
 NMMJ USCGC "Sherman" 6521.8. PFC in 10m for ms, 15d after f/up(Gebhardt)
 NRDD USCGC "Duane" 6521.8. PFC 9m 15d after f/up for 2 ms (Gebhardt-IA)
 NRPF USCGC "Planetree" 6521.8. PFC 14d for ms. 500w. (Gebhardt-IA)
 GTHJ "Poyang" cargo ship ● ~~03-30B 144-7E~~, formerly "British Exporter", changing to Hongkong reg. 8373.3 ltr 33d for IRC. 1kw. (Holbrook-MD)
 ONFU "Frubel Oceania" Belgium Fruit Line freighter ● 36-50S 128-27E (Great Bight of Australia) 8363.6 ltr 36d for IRC. 1kw. (Holbrook-MD)
 AIRCRAFT: N530FA Pan Am B-747SP 3467. PFC & photo 67d ms 400w(Holbrook-MD)
 USCG #1370 HH52A 5692. PFC 7d for ms. 150w (Gebhardt-IA)
 USCG #1452 HC130A 5696. PFC 10d for ms - law enforcement 400w(Gebhardt)
 USCG #1467 HH3F 5696. PFC 14d for ms. 100w. (Gebhardt-IA)
 USCG #1472 near Antigua 5692. Ltr 15m f/up ms 125w. (Holbrook-MD)
 USCG #1293 5696. F/d PFC in 20d for ms. 150w. (Granone-NM)
 USCG #1483 HH3F 5696. PFC 10d for ms. 100w. (Gebhardt-IA)
 USCG #1488 HH3F 5696 over Chesapeake Bay PFC 17d ms. 100w(Gebhardt-IA)
 USCG#1503 HC130H 5696 PFC nr Cordova AK 10d for ms. 100w.(Gebhardt-IA)
 USCG#1350 HC130B 8984 PFC 7d for ms. 100w. (Gebhardt-IA)
 USCG#1356 HH52A 8984 PFC 7d for ms. 100w. (Gebhardt-IA)

All times GMT

LOGGINGS

All freqs in kHz

NORTH AMERICA

| | | | |
|---------|--------|------|--|
| ALASKA: | 2670 | 0705 | NOJ USCG Kodiak Notice to Mariners SSB (Unruh-CA) |
| | 4575 | 0754 | NRW USCG Cape Sarichef Unimak wkg Attu USB(Chabak) |
| | 5589 | 1335 | Anchorage Aeradio clg Tiger 71 AM(Edwards-Australia) |
| | 5697 | 1345 | NOJ USCG Kodiak wkg CGC Ironwood(Edwards-Australia) |
| | 6521.8 | 0500 | USCG Calibration Van #2 wkg NOJ USB (Gebhardt-IA) |
| | | 0835 | NOX USCG Adak OM EE wkg CGC "Midgett" USB(Chabak-CO) |
| | 6530 | 0355 | AKA USAF Elmendorf OM EE wkg Hickam USB (Unruh-CA) |
| | 8903 | 0755 | KIS70 Anchorage VOLMET OM EE aero wx AM (Unruh-CA) |
| | 9018 | 0405 | AKA Elmendorf AFB wkg Hickam USB (Unruh-CA) |
| CANADA: | 3330 | 0817 | CHU B.R.C. Ottawa OM EE/FF times s/s AM(YohandaNJ) |
| | 4431 | 0334 | VCS CGG Halifax CQ mir & clg NPLM USB(Maghakian-NY) |

14737a 1600 AT&T Dixon CA YL EE vm USB (Aoiizumi)1245 (Granone-NM)
 14795a 1820 AT&T Dixon CA YL EE vm USB (Granone-NM)
 15015 0140 AFG37 Scott AFB IL OM EE wkg acft USB (Insinger-NJ)
 16180 2157 NAM USN Norfolk VA 6-call CQ mkr CW (Sueoka-HI)(Hall)
 16600a 2226 KHU San Diego OM wkg "Queen Mary" SSB (Hall-CA)

CARIBBEAN

BARBADOS:8449.2 1032 SPO C&W St. Philip ID mkr CW (Hall-CA)
 12708 2118 SPO C&W St. Philip CQ mkr CW (Longacre-NY)
 BERMUDA:12709 1940 VRT C&W St. Georges V mkr CW (Sueoka-HI)
 CUBA: 8480 0142 CLQ EMNATEL Havana CQ mkr CW (Hall-CA)
 15475 1212 AAC&R Guantanamo YL EE vm USB (Lobdell-MA)
 17598a 1510 IRTS Havana YL SS vm SSB (Maghakian-NY)
 10474 1706 CLA223 IRTS Havana V mkr CW (Granone-NM)
 16930a 1802 CLX/CLS EMNATEL Santiago CQ mkr CW (Hall-CA)
 13474 1900 IRTS Bauta music mkr // 18585a AM (Novello-NC)
 14568a 2040 IRTS Havana YL EE vm SSB (Maghakian-NY)
 CURAÇAO: 8694 0239 PJC GR&TA Willemstad CQ mkr CW (Hall-CA)
 GUANTANAMO:11110 0145 ITTC&R OM EE vm SSB (Glasgow-MS)
 MARTINIQUE:8675.2 0451 FFP3 Coastal PTT Fort de France CQ mkr CW (Glasgow)
 PUERTO RICO:5692 0002 NMR26 USCGAS Aquadillo OM EE wkg "Ore Meteor" USB
 (Holbrook-MD)
 TRINIDAD:12885 2053 9YL North Post Coast CQ mkr CW (Glasgow-MS)

CENTRAL AMERICA

BELIZE: 10700 1400 C&W Belize City OM EE vm USB (Karcheski-MA)
 11234 2336 RAF Belize City OM EE wkg UPHAVEN & Ascots(Russell)
 PANAMA CZ:5710 0955 AHF Albroke AFB OM EE tfc USB (Edwards-Australia)

SOUTH AMERICA

ARGENTINA:8646 0350 LFD86 Gen. Pacheco R. V mkr CW (Glasgow-MS)
 15485 0036 ENTEL Buenos Aires YL SS vm SSB (Maghakian-NY) 1755
 (Novello-NY)
 17045.6 0115 LFD46 General Pacheco R. V mkr CW (Thompson-NM)
 20500 1250 Centro Intn'l Buenos Aires YL SS vm USB(Lobdell-MA)
 COLOMBIA:8574 0617 HKC EMNATEL Buenaventura ID mkr CW (Glasgow-MS)
 ECUADOR: 7600 0140 Oceanographic Institute OM SS time tick & voice ID
 AM (Insinger-NJ)(Maghakian-NY) 0315(Underdown-AR)
 (Newell-BC) (Hammer-OH) (Hall-CA)
 3810 0501 Oceanographic Inst Guayaquil time AM(Hammer-OH)0655
 (Trubee-HI) 0724 (Hall-CA) 1030 (Gebhardt-IA)
 BRAZIL: 8520 0115 PPO Olinda Pernambuco R. V mkr CW(Walters-NJ)
 12687 0203 D.P.T. Rio PPR V mkr CW (W. Dulmage-CNT)
 14500 2315 PPR48 EMBRATEL Rio YL EE/Port vm SSB (Glasgow-MS)
 SURINAM: 8649a 2050 PZN LTT Paramaribo CQ mkr CW (Trochimczyk-MD)
 URUGUAY:10285a 0244 Montevideo marine op OM EE wkg NYC SSB (Brick-NH)
 12750 0152 CWA S/T Cerrito V mkr CW (Sueoka-HI)

EUROPE

BELGIUM: 8652 0515 OST4 R.T.T. Ostend V mkr CW (Glasgow-MS)
 BULGARIA:8532 0332 LZW Varna M.P.T. V mkr CW (Glasgow-MS)
 DENMARK:10240 2207 OXR20 G.P.T. Copenhagen YL EE/Dan vm USB(Novello-NC)
 AZORES: 5610 c.0300 ARINC Santa Maria OM ee wkg NY & San Juan(Longacre)
 ENGLAND: 8501.5 0305 GLP20 Ongar R. V mkr CW (Thompson-NM)
 8546 0555 GKA4 BPO Portishead V mkr CW (Trubee-HI)
 8740a 1640 BPO Somerset wkg ship USB(Novello-NY)(Agnier-NJ)
 9045a 0620 MKL RAF Tynemouth tfc CW (Glasgow-MS)
 11176 1450 AJE USAF Barford St. John OM wkg NCMAD 12(Compton-MA)
 12921 1020 GYA5 Whitehall Naval R. ID mkr CW (Denissen-HOLLAND)
 FRANCE: 6421.5 0155 FFL2 PTT S. Lys clg FFL3 CW (Glasgow-MS) 0220 CQ mkr
 CW (W. Dulmage-ONT)
 8470a 0155 HWN Navy HQ Paris V mkr CW (Glasgow-MS)
 9840a 0325 Intn'l Network OM FF/EE vm USB (Hammer-OH)
 10195 0258 FPR9 FTS Paris CM EE/FF vm SSB (Brick-NH)
 11005a 2305 FTL Intntl Network OM EE/FF vm USB (Karcheski-MA)
 11034 0030 FTL3 Int'l Network Paris OM FF vm SSB(Glasgow-MS)
 12912.6 0424 FFL6 PTT S. Lys CQ mkr CW (Walters-NJ)
 15630a 0915 Intn'l Network CM EE/FF vm USB (Lobdell-MA)
 16415a 1525 Intn'l Network CM EE/FF vm SSB (Koiizumi-JAPAN)
 GERMANY, E.:4525 2375 DIZ BStandards Nauen time tick AM (Karcheski-MA) &
 GER. W.:12 .5 0155 DAN DB Norddeich CQ mkr CW (Glasgow-MS) (Longacre)
 GIBRALTAR:4220 0137 3YU BRN ID Q3K mkr CW (Walters-NJ)

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|---------|---------|------|--|
| | 5652 | 2112 | VFG Gander VOLMET OM EE aero wx AM (Longacre-NY) |
| | 6705 | 0653 | CKN Vancouver Military OM EE wx USB(Edwards-AUSTR) |
| | 6753 | 0333 | CHR Trenton Mil ONT YL EE aero wx USB(Unruh-CA) |
| | 8440 | 0535 | VCS DOT Halifax NS V mkr CW (Trubee-HI) |
| | 8453 | 2155 | VAI CCG Vancouver BC V mkr CW (Somers-CA) |
| | 8597.5 | 0603 | CKN CFS Vancouver BC V mkr CW (Trubee-HI) |
| | 11233 | 1430 | CHR Trenton Mil ONT OM EE wkg #7583 USB(Gebhardt-IA) |
| | 13272 | 0320 | VFG Gander VOLMET OM EE aero wx AM (Ricci-CA) |
| | 15035 | 1740 | CJX St. Johns Mil OM EE aero wx AM (Novello-NY) |
| | 15038 | 1825 | VXA Edmonton ALB Mil OM EE aero wx AM(Unruh-CA) |
| | 5652 | 0220 | VFG Gander VOLMET OM EE aero wx AM (Stone-ONT) |
| MEXICO: | 8524a | 1949 | XFM Manzanilla de Solima R. CQ mkr CW (Hall-CA) |
| U.S.A.: | 2506 | 0437 | KLH SanFran Marine Op YL EE marine USB (Unruh-CA) |
| | | 1020 | WOU Boston Marine op YL EE wx USB (Fraser-CA) |
| | 2566 | 2205 | WJO Southern Bell Charleston marine op YL EE/OM EE IDs & tfc SSB (Trochimczyk-MD) |
| | 2670 | 0200 | NMF USCG Boston OM EE sked marine boat (Insinger-NJ) |
| | 2980 | 0408 | KSF10 Oakland CA VOLMET OM EE aero wx AM (Gaede-CA) |
| | 4072.4 | 0926 | WJG Memphis marine op wkg vessels USB (Mappin-WA) |
| | 4105 | 0324 | WOO Oceangate R. AT&T NJ wkg ships USB (Agner-NJ) |
| | 4118a | 1129 | KDL Houston TX OM EE river tfc SSB (Hall-CA) |
| | 4393.4 | 0405 | NMH USCG Portsmouth VA OM EE wx & sked USB(BrickNH) |
| | 5652 | 0350 | WBY10 NY VOLMET OM EE aero wx AM (Stone-ONT) |
| | 5710 | 0157 | APA Andrews AFB MD OM EE vm USB (Gebhardt-IA) |
| | 5747.5 | 0210 | VOA Du feeder to Munich LSB(Longacre-CA)(Brodsky-NY) |
| | 6521.8 | 0408 | NMH USCG Portsmouth VA OM EE wx&sked SSB(Brick-NH) 1011(Edwards-AUS) 2233 (Insinger-NJ) |
| | 6727 | 0402 | AFG37 Scott AFB IL wkg Gator 38 USB (Unruh-CA) |
| | 6738 | 0502 | AFH15 Travis AFB OM EE wkg AFI SSB (Hall-CA) |
| | | 0427 | AFI McClellan AFB OM wkg Index 67 USB (Unruh-CA) |
| | 6875 | 0346 | VOA Greenville RR feeder SSB (Newell-BC) |
| | 6924.5 | 0340 | KKH50 State Dept WashDC QRA mkr CW(Newell-BC) 0440 (Russell-IL) |
| | 7900a | 0325 | VOA Greenville? EE & RR feeder U&LSB(Naghakian-NY) |
| | 8281.2 | 1907 | KED New Orleans OM EE wkg "Ocean Star"USB(Longacre) |
| | | | WFE Jacksonville FL wkg tug "Pioneer"USB(Longacre) |
| | 8445 | 0540 | KFS IT&T Palo Alto CQ mkr CW (Trubee-HI) |
| | 8514 | 2134 | WSL IT&T Amagansett NY UPI PX QRA mkr CW(Compton-MA) |
| | 8868 | 1618 | NY VOLMET YL EE met reports AM (Compton-MA) |
| | 8945 | 0352 | ARINC NYC OM EE wkg SHAMROCK flight USB(Longacre-NY) |
| | 8575 | 0250 | NMC USCG Pt Reyes CA CQ mkr CW (W. Dulmage-ONT) |
| | 8582 | 2221 | KLE IT&T Seattle WA CQ mkr CW (Somers-CA) |
| | 8590 | 2158 | KOK IT&T LOS Angeles CQ mkr CW (Somers-CA) |
| | 8642 | 2159 | KPE RCA San Francisco V mkr CW (Somers-CA) |
| | 8686 | 0330 | WMH RCA Baltimore MD V mkr CW (Newell-BC) |
| | 8760.8 | 0530 | NMH USCG Portsmouth VA OM '78 sked USB (Watts-IN) |
| | 8789.6 | 1645 | WWD BuComm Fisheries OM EE wkg KGWU USB(Granone-NM) |
| | 8989 | 0221 | AFI McClellan AFB OM advising acft "Negative traffic - full house"(1) USB 7/29/77 (Compton-MA) |
| | | 0221 | AFES MacDill AFB OM EE clg CAPSULE "w/R. ck for MAC acft" USB(Unruh-CA)wkg CAPSULE 0226(Compton-MA) |
| | 8993 | 0315 | AFES MacDill AFB OM EE wkg "41" SSB (Agner-NJ) |
| | | 0645 | AKA Elmendorf AFB AK OM EE clg CAPSULE USB(UnruhCA) |
| | 9905 | 0728 | WOO AT&T Oceangate R. Manahawkin NJ vm (Mappin-WA) |
| | 10875a | 0305 | WOO AT&T Manahawkin NJ OM EE vm SSB (Brick-NH) |
| | 8972 | 0237 | NIP Jacksonville USNAS w/MAC tfc USB (Longacre-NY) |
| | | 0337 | HEZ USNAS Brunswick ME OM wkg MAC59413 USB(Longacre) |
| | 8989 | 0246 | AFL Loring ME AFB OM wkg 8K50 USB (Longacre-NY) |
| | 11075 | 0240 | ATLAS Justice Dept WashDC OM EE wkg Dolphin 4 & Epic SSB (Russell-IL) |
| | 11179 | 0520 | AFES MacDill AFB OM EE wkg Hickam USB (Granone-NM) |
| | 11182 | 1915 | AFG37 Scott AFB IL OM EE wkg acft USB (Granone-NM) |
| | 13145 | 0352 | WOM AT&T Ft Lauderdale FL OM EE tfc USB(Edward-AUS) |
| | 13127.9 | 2214 | NMH USCG Portsmouth VA Carib wx boat fol by 1977 freq ancmnt USB (Compton-MA) |
| | 12424.5 | 2110 | KSS Houston OM EE wkg "American Delta 3"(Granone) |
| | 12430a | 1433 | KDS Houston TX wkg "Exxon Bangor" USB(A.Mason-ONT) |
| | 13161.5 | 2302 | WOO AT&T Oceangate R. NJ OM EE tfc list(Karcheski-MA) |
| | 13201 | 0129 | AFI McClellan AFB CA wkg MAC0001(1) USB(Longacre) |
| | 13218 | 1302 | "Cape R." NASA Cape Kennedy OM EE.R. cks w/"Mugu", OUTRIDER, & "Ascension" SSB (Compton-MA) 8/20/77 |
| | 13348 | 1700 | AFES MacDill AFB OM EE wkg Agar 2 & 21 USB(AgarNJ) |

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| 12829a | 2350 | GYU BRN ID mkr CW (Glasgow-MS) |
| GREECE: 4623 | 2341 | NGR USN Neg Makri Navarea IV NAM 6-call CQ mkr CW (Compton-MA) |
| 5509 | 0158 | SKA2/3 Navy Athens C13A V mkr CW (Compton-MA) |
| 17194.4 | 1730 | SVA Athina Coastal R. CQ mkr CW (Hall-CA) |
| HOLLAND: 6895 | 0303 | PBC Navy Noordwijkerhout V mkr CW (W. Dulmage-CNT) |
| 8562 | 0305 | FCH2 Scheveningen R. CQ mkr CW (Glasgow-MS) |
| 10735 | 0214 | PCL50 PTT Amsterdam OM EE/mkr vm AM (Brick-NH) |
| 17825 | 1647 | RN EE feeder Kootwijk t Bonaire SSB (Urdardoun-AR) |
| ICELAND:12175 | 1840 | TFN Reykjavik R. CM EE/Ice vm (Novello-NC)(Glasgow) |
| ITALY: 7300a | 0435 | IDR3 Navy Rome V mkr CW (Glasgow-MS) |
| 12975 | 0225 | IXQ I.P.T. Trieste V mkr CW (Thompson-NM) |
| MADEIRA: 6393.5 | 0152 | CUB CFRM Funchal CQ mkr CW (Walters-NJ) |
| NORWAY 8678 | 0442 | LFB2 D.G.T. Rogaland R. multicall V mkr CW (Glasgow) |
| PORTUGAL:14499 | 0800 | *CTU Navy Linda-A-Velha V mkr CW (Trubee-HI) |
| SPAIN: 11610 | 0320 | RNE YL EE/SS public svc vm USB (Stone-CNT) |
| SWEDEN: 4262 | 0146 | SAG2 A.C.T. Joteborg CQ mkr CW (Walters-NJ) |
| SWITZERLAND:8601.5 | 0412 | HEB Berne R. tfc list CW (Walters-NJ) |
| 19590 | 0807 | HET6 PTT Berne YL EE/FF/SS vm SSB (Denissen-HOL) |
| U.S.S.R.:8593a | 0133 | UFB Odessa R. CQ mkr CW (Walters-NJ) |
| 12160 | 1837 | RGD35 Moscow R/T YL EE vm USB(Glasgow-MS)(NovelloNC) |

AFRICA

| | | |
|------------------------------|------|--|
| CENTRAL AFRICAN EMPIRE:11022 | 0224 | FCR Bangui YL FF/EE vm USB(Karcheski) |
| CONGO: 12125 | 2112 | STIC TNH21 Brazzaville-YL FF vm SSB (Glasgow-MS) |
| IVORY COAST:18436.5 | 1810 | TUP84 INTELCO Abidjan YL FF/EE vm SSB (Glasgow-MS) |
| MALI: 10980 | 0635 | TZA410 TIM Bomako YL FF/EE vm SSB (Glasgow-MS) |
| NIGER: 19196 | 1545 | SUR91 FCR Niamey YL EE/FF vm SSB (Koizumi-JAPAN) |
| RWANDA: 15970a | 0546 | S/T Kigali YL FF vm SSB (Glasgow-MS) |
| SENEGAL: 8998 | 0649 | 6WW French Navy Dakar-Hann V mkr CW (Trubee-HI) |
| 9917 | 0709 | 6VK49 PTT Dakar YL FF/EE vm SSB (Watts-IN) |
| SO. AFRICA:4261 | 0144 | ZSC45 PMG Silvermine CQ mkr CW (Walters-NJ) |
| TOGO: 14777 | 0851 | 5VH347 FCR Lomé YL FF/EE vm SSB (Denissen-HOLLAND) |
| UPPER VOLTA:11095 | 2110 | XTA9 FCR Ouagadougou YL vm SSB(Russel-IL)(Karcheski) |

ASIA

| | | |
|-------------------|------|---|
| CHINA: 15000 | 0730 | BPV Zi-Ka-wei Obs Shanghai time tick CW ID (Alberts) |
| HONGKONG:8000a | 1330 | C&W Cape d'Aguilar YL EE vm SSB (Alberts-CA) |
| 5624 | 1230 | Aeradio OM EE wkg SPEEDBIRD 874 AM (Edwards-AUS) |
| 8903 | 1015 | VOLMET OM EE aero wx AM (Unruh-CA) |
| 13344 | 1016 | VOLMET OM EE aero wx AM (Hall-CA) |
| 13941.5 | 0815 | ZEO66 C&W YL EE vm USB (Trubee-HI) |
| INDIA: 8645 | 1147 | VTP4 Visakhapatnam Navy Sta V mkr CW (Hall-CA) |
| 18280a | 1040 | OTS Calcutta OM EE/Hindi vm SSB (Koizumi-JAPAN) |
| ISRAEL: 13091.5 | 0205 | 4XO CQ mkr PTT&R Haifa CW (Thompson-NM) |
| JAPAN: 5589 | 1422 | JMA Tokyo Aeradio OM wkg JAL673 AM (Edwards-AUS) |
| 8000 | 1259 | JJY M.P.T. Tokyo OM JJ times sigs AM (Alberts-CA) |
| 8903 | 0740 | JMA Tokyo VOLMET OM EE aero wx AM (Unruh-CA) |
| 6485 | 0735 | JGS Nippon T&T Choshi CQ mkr CW (Trubee-HI) |
| 17043.2 | 0321 | JCU Nippon T&T Choshi CQ mkr CW (Hall-CA) |
| 17093.6 | 0105 | JOR Nippon T&T Nagasaki CQ mkr CW (Thompson-NM) |
| KOREA, N.:118510a | 2355 | Central Wireless Relay Pyongyang YL EE vm (Koizumi-J) |
| KOREA, S.:16450.5 | 0730 | HLS MinCom Seoul ID mkr CW (Trubee-HI) |
| 16890a | 0248 | HLP MinCom Seoul ID mkr CW (Hall-CA) |
| MALAYSIA:8698 | 1046 | 9MG Penang Coastal R. CQ mkr CW (Hall-CA) |
| OKINAWA:12600.5 | 0715 | JCX Nippon T&T Naha CW (Hall-CA) |
| PHILIPPINES:8586a | 0956 | DZO R.M.P. Manila CQ mkr CW (Hall-CA) |
| 8993 | 0705 | AIC Clark AFB OM EE Foxtrot beat USB (Trubee-HI) |
| SINGAPORE:13126 | 1135 | 9VG23 D/T CQ mkr CW (Hall-CA) |
| THAILAND: 5624 | 1247 | Bangkok Aeradio OM acft tfc AM (Edwards-AUSTRALIA) |
| TURKEY: 7395 | 0200 | TBA Navy Ankara V mkr CW (Walters-NJ)2000(KOIZUMI=J) |
| USSR: 13037a | 0441 | UPN Novorossiisk R. CQ mkr CW (Hall-CA) |
| VIETNAM:20992 | 0451 | PTT Hanoi OM EE/VV vm USB (Edwards-AUSTRALIA) |

OCEANIA

| | | |
|---------------------|------|--|
| AMER. SAMOA:15883.5 | 0325 | KUQ20 G.A.S. Pago Pago EE vm LSB (Sueoka-HI) |
| 5638 | 0930 | Pago Pago Aeradio OM EE clg acft (Edwards-Australia) |
| 5673 | 1240 | Cocos Islands Aeradio wkg Darwin AM (Edwards-AUS) |
| 5688 | 0900 | AXF RAAF OM EE r/c w/Townsville & Darwin (Chabak-CO) |
| 6680 | 0830 | VLS Sydney VOLMET OM EE aero wx AM (Grange-IN) |
| 7500 | 0615 | VNG Telecom Australia time & OM EE ID (Russell-IL) |
| 7619a | 0712 | VIX R.A.N. "Master Station Canberra" vm LSB(Chabak) |
| 12000 | 0615 | VNG Telecom Australia time AM (Joseph) (Brodsky) |

13060a 0555 RAAF Sydney AXF OM EE wkg Albatross 746SSB(Unruh-CA)
 13205 0650 AXF RAAF Sydney OM EE wkg "J" acft USB (Russell-IL)
 GUAM: 8993 0650 AIE Anderson AFB OM clg "CAPSULE" USB (Unruh-CA)
 11176 0705 AIE Anderson AFB OM EE wkg NECRO Ø3 USB (Russell-IL)
 HAWAII: 5519 0420 KVM70 Honolulu VOLMET Aero wx AM(Unruh-CA)
 5063 0857 NRO USCG Loran OM EE wkg NRO4 USB (Chabak-CO)
 5603 1035 KUA ARINC Honolulu acft tfc LSB (Ricci-CA)
 9050 0259 NMO USCG Washiawa CQ mkr tfc @0300 CW (Compton-MA)
 NEW CALEDONIA:8698 0531 FJPB OPTNC Noumea CQ mkr CW (Hall-CA)
 NEW ZEALAND:16874.5 0302 ZL06 Navy Waiouru ID mkr CW(Glasgow-MS)(Hall-CA)
 17125 0256 ZLP2 Navy Waiouru V mkr CW (Newell-BC)
 TAHITI: 5638 1042 Tahiti Aeradio OM FF wkg acft AM (Edwards-AUS)

ANTARCTICA

14415 0615 VLV AOTC Mawson Base OM EE wkg VLM (daily) USB (Trubee-HI)

UNIDENTIFIED

6906a 1940 HQ 2nd 160th OM EE wkg Company "C" USB (Unruh-CA)
 6880a 0118 Beacon-like "RE" became "N" @ 0119, then "T" @ 0120, off at 0121Z (Compton-MA)
 8500a 0220 GLP ID mkr tfc CW (Glasgow-MS) Coastal? QTH?
 8474a 1102 VMP CQ mkr CW (Hall-CA) Where's this? Syd Edwards--Help!!
 10900a 1152 KVL9Ø QRA mkr CW (Hall-CA) Must be a Wash DC embassy-which?
 11080m 0315 USB HAM-NST multical NUKO V mkr CW QTH? (Compton-MA)
 17985a 1535 "Hotel Victor Alpha Cable Car" YL EE rollcall?USB(Stone-OM)

SHIPS ***** SHIPS

2670 0945 NMBB GCG "Yakona" OM EE wkg NMC SanFran USB (Unruh-CA)
 4126.8 2330 Cruise ship "Oceanic" OM EE wkg WOO SSB (Compton-MA)
 6521.8 0258 NMO USCGC "Decisive" OM EE clg NMF USB (Gebhardt-IA)
 0356 NVEB GCG "Venturous" OM EE wkg SanFran USB (Granone-NM)
 0416 NRIC GCG "Vigilant" OM EE clg Portsmouth SSB (Brick-NM)
 0632 NRCB USCG 3-mast "tall ship" trainer clg MNM USB(Gebhardt)
 12344 0755 "Irish Maple" OM EE clg Portishead USB (Granone-NM)
 6521.8 1240 WTEB OSS "Mt. Mitchell" OM EE wkg NMX USB (Gebhardt-IA)
 1810 WTER OSS "Researcher" OM EE wkg NMC (Gebhardt-IA)
 12340 2355 GHEB "Texaco North America" OM EE wkg GKU52 USB(A. Mason)
 12393a 0145 ELTP "Al Raziq" OM EE wkg WOO USB (A. Mason-ONT)
 12390a 0747 WNCU "American Monitor" wkg "Challenger" via KMI(Hall-CA)
 12427 1558 WHEB "Exxon Boston" wkg KED Cedar Rapids USB (A.Mason-ONT)
 16600a 2008 KAAZ "Overseas Vivian" OM EE wkg KHU San Diego SSB(Hall)
 2226 "Queen Mary" YL EE wkg KHU SSB (Hall-CA)
 6521.8 0031 JNYG "Ocean Victory" oil rig 116mi SE of Nantucket OM EE wkg NMF, & as "Golf November Foxtrot 2" ID in xmas USB (Compton-MA) 0940 tfc USB (Gebhardt-IA)

AIRCRAFT

5603 0305 Cherokee 3530 OM EE wkg SanFran Aeradio SSB (Gaede-CA)
 0519 Clipper 815 OM EE wkg SanFran Aeradio SSB (Gaede-CA)
 0520 Continental 7861 OM EE wkg SanFran Aeradio SSB (Gaede-CA)
 0533 Clipper 811 OM EE wkg Honolulu Aeradio SSB (Gaede-CA)
 5696 0702 CG#1496 OM EE wkg New Orleans CG USB (Granone-NM)
 1115 CG#1484 OM EE wkg NMG USB (Gebhardt-IA)
 8875a 2023 United 953 OM EE wkg SanFran Aeradio AM (Hall-CA)
 8959 1840 PLAZA 5Ø OM EE wkg NY Aeradio USB (Compton-MA)
 8989 0214 RU115 OM EE wkg McClellan AFB USB (Unruh-CA)
 0225 Allen Ø7 Boeing Test a/c wkg McClellan USB (Unruh-CA)
 0227 Discard (or Discord?) 84 OM EE wkg MacDill USB(Compton-MA)
 8993 0631 Navy KG115 OM EE clg & wkg McClellan USB (Unruh-CA)
 1702 AF99382 OM EE wkg MacDill AFB USB (Compton-MA)
 11200a 0144 NOMAD 12 wkg MLQ OM EE bomb bay doors stuck open, cannot land SSB (Compton-MA)

TACTICAL

4832a 0616 BREADGORN OM EE wkg CAKAPAN & JELLYROLL LSB (Granone-NM)
 7530 0622 MIDWAY ISLAND USN P.R. OM wkg PROFILE SSB (Russell-IL)
 11267 0205 ACCESSORY OM EE wkg ABREAST USB (Compton-MA)
 12003.5 1248 CARAVAN OM EE wkg OUTPOST USB (Agner-NJ)

"SPY" NUMBERS STATIONS

4307.5m 0310 YL SS repeating "545" USB (Agner-NJ)
 4700a 0345 YL SS 4-digit groups AM (Stone-ONT)
 6650a *0630 YL SS "Atencion 580 188" fol by 5-digit groups AM(Alberts-CA)

QSL REPORTS



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



Verified Countries -- 139

Deadline: 15th of month

Looks like things are back to normal--over 400 reports again this month from 77 reporters (a new record for this editor), 17 reporting for the first time. My thanks to the repeaters, hearty greetings to the newcomers, and to the several hundred who didn't report --how about hearing from you, too?

Some reports worth noting in this introduction. Bob Donly reports CBC in Cyprus; Ed Kusalik checks in with a rarely reported station in India--R. Kashmir in Srinagar; and "Comrades" Famularo and Peters have sent in letters received from Laos. A purist probably would not consider these letters as QSLs, due to lack of data, but the very fact that the letters were written at all would seem to be at least a tacit admission on their part that the reports were valid. Both were accompanied by schedules, and in Dave Peters' case the fgy he reported was underlined on the schedule. I'll include one of the letters (they were very similar) and let the rest of us "have-nots" draw our own conclusions.

As usual, reports are assumed to have been made in English unless indicated to the contrary; please do not indicate sites for R. Moscow xmsns unless a site is indicated on your QSL. So on with the show.

Europe

- ALBANIA:** R. Peking Relay, 9780, date/fgy logo cd in 24d air, no rp (MEEHAN CT), date/fgy blue cd w/radiating circles (request for site refused) in 27d, no rp (BAUMGARTNER ONT)
R. Tirana, 6200, f/d cd "Haut Leve L'esprit Revolutionnaire" in 25d sfc, no rp (MCCURDY CA)
7300, same in 69d air (PECENKA IN), same in 92d air for 2 IRCs (ONKEN IL)
- AUSTRIA:** ORF, 6155, glass towers cd in 65d air, no rp (DIAMOND MD), f/d "Niederosterreich" cd in 65d air for 1 IRC (GADOUAS VT); 9770, f/d "Lovers" cd in 31d air for 1 IRC (FRASER MA), f/d "Snail with Castle" cd in 50d air, no rp (SKORA ONT), f/d silver "ORF" cd in 65d air for 1 IRC (GADOUAS VT)
- BELGIUM:** ORU, 9730, f/d globe cd in 24d air, no rp (RADTKE CA)
- BULGARIA:** R. Sofia, 9700, f/d "University of Sofia" cd in 28d air, 2 IRCs (ONKEN IL); 9705, f/d "Climent of Ohrid University" cd in 71d sfc, no rp (HEATH KY), f/d "Resort of Pamporovo" cd in 75d air, no rp (MEEHAN CT)
- CZECHOSLOVAKIA:** R. Prague, 5930, f/d cd "Beskydy-Pustevny" in 90d air, no rp (BOWEN NS), f/d "National Costumes" cd in 92d air, no rp (SKORA ONT); 7345, same cd in 88d air, no rp (YOHANA NJ), same in 75d air, no rp (DIAMOND MD), f/d cd "Trade Fair Grounds" in 85d air, no rp (ELDER SASK); 9440, f/d cd of Medieval Town on River, 32d air for 2 IRCs, (SOMERS CA), f/d cd of old woman embroidering in 89d air for 2 IRCs (RICCI CA); 17840, f/d cd "Beskydy-Pustevny" in 97d air, no rp (SMITH FL)
- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 33d air, 1 IRC (MALONE MA) same in 14d air, no rp (UNDERDOWN AR), same in 33d air, no rp (PIMBLETT ALB)
- FINLAND:** R. Finland, 15105, f/d silver "50th Anniversary" cd in 33d air, 1 IRC (FRASER MA) same in 38d for 1 IRC (SIBUS NY); 15110, f/d "Summer in Finland" cd in 37d for 1 IRC (JOSEPH MO), same in 32d air for 1 IRC (SMITH MD); 15260, date/fgy "Four Seasons" cd in 3 no air, no rp (JONES VA)
- FRANCE:** R. France International, 11930, f/d cd "Couleurs et Lumiere de France" in 26d air, no rp (DULMAGE ONT); 17850, same cd in 27d air, no rp (BRODSKY NY); 17865, f/d cd "Palais des Congres" in 35d air, no rp (FRASER MA)
- GERMANY (Democratic Republic):** RBI, 9650, f/d brown/black "Clock Tower" cd in 2 mo air, no rp (DIAMOND MD); 11840, same cd + pennant in 47d air, no rp (PECENKA IN); 11890, f/d cd "Humbolt University" in 23d air for 1 IRC (O'BRIEN BC), f/d castle and logo cd in 49d air for 2 IRCs (RICCI CA), f/d "Altes Museum" cd in 51d air + pennant, no rp (LINK CA), same cd, no time stated (UNRUH CA), f/d cd w/Lion Statue in 49d air, no rp (SOMERS CA)
- GERMANY (Federal Republic):** Deutsche Welle, 6100, no data logo cd in 120d air for 1 IRC (MALONE MA)
Sdwestfunk, 7265, date/fgy abstract cd in 18d air, no rp (MEEHAN CT)
- GREAT BRITAIN:** BBC, 9410, no data bridge cd in 11d air (MARTIN CA); 9580, same cd in 43d air (BRODSKY NY); 11705, same in 34d air (ROPER AL); 15070, same in 16d air (BAUMGARTNER) no data Thames cd in 31d air for 1 IRC (GADOUAS VT)
- GREECE:** VOA Relay, 9770, f/d "Bicentennial Stamps" cd in 10d air (RADTKE CA); 11260, same cd in 8d sfc (HOFFMAN PA); 11925, same cd, date/site only in 41d (PIMBLETT ALB)

GREECE (continued): V of Greece, 11730, f/d plain white cd in 30d air, 1 IRC (GEORGE TX), same in 23d, no rp (ELDER SASK), same in 40d, no rp (BRODSKY NY); 11925, same in 42d for 1 IRC (STREVELER HI)

HOLLAND: R. Nederland, 11730, f/d cd "DX Juke Box Hosts" in 45d air, no rp (LOBDELL MA), same in 11d air for 1 IRC (FRASER MA), same in 28d air for 1 IRC (STIBUS NY); 21480, same in 15d air, no rp (SMITH FL)

HUNGARY: R. Budapest, 6000, f/d blue castle cd + pennant in 65d air for 1 IRC (MALONE MA), f/d black/white/purple cd in 152d air, no rp (GRANONE NM); 11910, f/d logo cd in 45d air no rp (UNRUH CA), same in 57d (KAWCHUK SASK), same in 35d air, no rp (LINK CA); various fqys, orange "1976 QSL" cd (BRODSKY NY) (COMPTON MA) (Copy below--original 15x21 cm. Your original was too dark, Ken--this has been run thru 3 more machines to lighten and reduce it for reproduction. So if it doesn't look so good, that's why. bc)



ICELAND: Reykjavik Radio, 12175, f/d "Scenes" cd in 20d air, 2 IRCs (ONKEN IL)

ITALY: RAI, 9575, f/d "L'Aurora" cd in 45d air, no rp (GRENIER CA), Michelangelo cd in 4 mo, no rp (WORMAN WI), f/d "Il Pescatore" cd in 62d air, no rp (SMITH FL); 11810, f/d "Ritratto di Bambino" cd in 42d air, no rp (BRODSKY NY), same in 52d air for 1 IRC (THOMPSON NM)

MONACO: TWR, 7105, f/d green map cd in 11d air for 1 IRC (GADOJAS VT)

NORWAY: R. Norway, 11860, f/d cd "Kaupanger, Sognefjord" in 14d air for 1 IRC (JOSEPH MO); 11870, same cd in 45d sfc, no rp (LOBDELL MA); 11895, f/d cd w/view of mountain & lake in 42d air, no rp (RICCI CA); 15175, f/d cd of fjord and church "Jolstervatnet" in 21d air for 1 IRC (FRASER MA), f/d "Kaupanger" cd in 42d air, no rp (BRODSKY NY); 17840, same cd in 48d air, no rp (PECENKA IN)

POLAND: Polish Radio, 11815, f/d "Heraldic Arms" cd in 21d air for 2 IRCs (ONKEN IL), same cd in 46d air, no rp (SKORA ONT), same in 42d (#2 cd) (HEATH KY), same in 33d air + pin (SAWYER IL), same + lapel pin in 27d air (PECENKA IN), same + pin in 30d air, no rp (RADTKE CA), same in 30d air (ARNOLD CA), same cds (# 1 & 2) in 30d (ENDZA CA); 15120, same (cd #3) in 42d air (HEATH KY), same (cds 2, 3, & 4) in 50d air (MEEHAN CT) (Ed. note--there are five cds in this "Heraldic Arms of Polish Towns" series, so unless they were specifically identified by number, cards listed above as "same" were not necessarily the same cd tho from the same series. bc)

PORTUGAL: R. Free Europe, 17735, date/fqy multilingual blue/white cd in 12d sfc (metre band only for fqy) (FOWLER ONT); 21720, same in 2 mo air, no rp (WAKISAKA JAPAN)

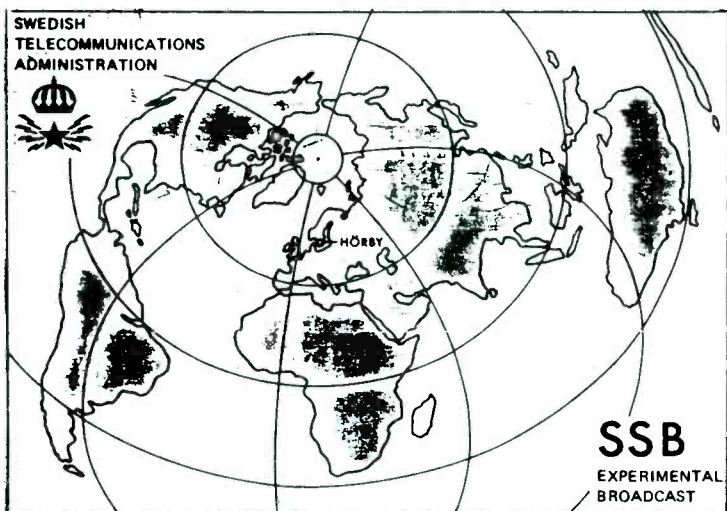
R. Portugal, 6025, f/d cd "Viana do Castelo" in 25d air, no rp (SKORA ONT), f/d cd "Comissão Regional de Turismo da Serra da Estrela", no time, no rp (GEORGE TX), f/d cd of indoor plants in 50d sfc, no rp (MCCURDY CA); 11935, "Viana do Castelo" cd in 22d air, no rp (STREVELER HI), f/d cd, no desc., in 14d air, no rp (LOBDELL MA)

ROMANIA: R. Bucharest, 9570, f/d cd "UN Square" in 123d sfc, no rp (MCCURDY CA); 15250, f/d cd "Ateneul Roman" in 63d air for 2 IRCs (ONKEN IL)

SPAIN: R. Liberty, 15130, usual f/d RL cd w/site as Spain. 8 wks air for no rp (WAKISAKA JAPAN)

RNE, 6065, f/d antenna cds in 20 & 30d air for no rp and SS rpts (STONE ONT); 11775, same cd in 32d air, no rp (MCCURDY CA); 11880, same cd in 28d (THOMPSON NM), in 42d (SKORA ONT), in 30d (RADTKE CA), in 28d (HAMILTON CA), in 23d (PECENKA IN), in 18d (JOSEPH MO), in 25d for 1 IRC (FRASER MA), in 177d (FOWLER ONT)

SWEDEN: R. Sweden, 6120, f/d yellow/blue map cd in 22d air for 1 IRC (SIBUS NY); 9695, same cd in 19d, no rp (SMITH TN), same in 26d + pennant (PECENKA IN), same cd in 30d (SMITH FL); 11705, same in 22d for 1 IRC (SIBUS NY), same in 23d, no rp (ROPER AL), same in 18d (SMITH FL), same in 16d for 1 IRC (O'BRIEN BC), same in 20d for 2 IRCs (DUNNIGAN NC); 11905, same in 30d for 1 IRC (STONE ONT), same in 22d for 1 IRC (SIBUS NY) same in 30d, no rp (BRODSKY NY), same + pennant in 30d (GEORGE TX), same in 25d, no rp (ARNOLD CA); 15305, same in 22d (SIBUS NY)
 Swedish Telecommunications Administration (TELEVERKET), 15190, f/d orange/white map cd (below) for SSB experimental bdcst, in 33d air, no rp (KLEMENS NJ)



SWITZERLAND: SBC, 6045, f/d cd w/logo and pic of announcer, 89d sfc for 2 IRCs (RICCI CA), f/d cd "The Two Bobs" in 80d sfc, no rp (GEORGE TX), same in 30d air, no rp (ROUTENBURG); 9535, same cd in 79d sfc, no rp (SMITH FL); 9725, same cd in 30d air, no rp (PEARSON OR); 11715, same cd in 63d air, no rp (BRODSKY NY), f/d cd "SBC Bldg in Bern" in 47d sfc, no rp (UNRUH CA); 15140, same cd in 61d air, no rp (SMITH FL); 21520, "Two Bobs" cd in 14d air, no rp (JONES VA)

RCBS, 7210, f/d globe w/headphones cd in 35d air, 1 IRC (MALONE MA)

USSR: (Ed. note: There were a vast number of Soviet xmsns reported this month, with up to 17 fqys and sites listed on a single cd, and representing xmsns from various services to different parts of the world, particularly from the RSFSR. Hence, I am listing them as I received them, using both mHz and kHz, tho R. Moscow typically verifies in mHz to 2 decimal places only. Variations in spelling have been standardized by using the spelling of the SPEEDX "Guide to Soviet Broadcasting").

Azerbaijan SSR: R. Moscow, 21490 (Baku), f/d green/white cd w/site typed in, 39d air, no rp (KUSALIK ONT), "CMEA Bldg" in 31d air, no rp (BOWEN NS)

Byelorussian SSR: R. Moscow, 11745 (Minsk), f/d green/white cd w/site in 39d air, no rp, FF rpt (KUSALIK ONT)

Kirghiz SSR: R. Moscow, 11870, 11890, 12050, 15500, 17835 (all Frunze), f/d blue/yellow "Freedom/Peace/Labor" cd in 39d w/sites typed in + veri ltr (KUSALIK ONT)

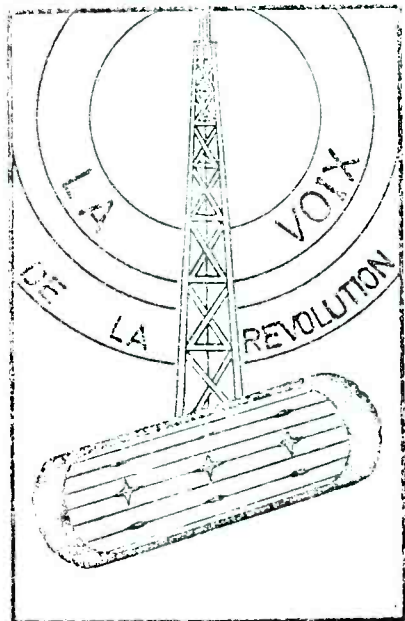
Lithuanian SSR: R. Vilnius, 7150, f/d town/logo cd in 123d air (PECENKA IN); 7215, f/d circles cd w/sketch of city, 86d air (DIAMOND MD); 9610, same in 104d sfc (ARNOLD CA); 15100, f/d castle cd in 96d sfc for 3 IRCs + ltr (RICCI CA)

RSFSR: R. Moscow, 7.25 (Tula, Krasnoyarsk), 7.310 (Sverdlovsk), 7.390 (Moscow), 9.520 (Armavir), 9.55 (Moscow), 9.58 (Blagoveschensk), 9.60 (Moscow), 9.61 (Tula), 9.655 (Chita), 9.66 (Kenga), 9.68 (Moscow), 9.70 (Chita), 9.71 (Petropavlovsk-Kamchatsky), 11.710 (Armavir), 11.750 (Vladivostok), 11.805 (Kazan), 11.845 (Kazan), 11.85 (Vinnitsa, Kazagne?) (Armavir), 11.88 (Armavir, Kazan), 11.900 (Armavir), 11.96 (Kenga, Serpukhov), 12.000 (Tula, Vladivostok), 12.010 (Armavir), 12.020 (Moscow, Petropavlovsk-Kamchatsky, Kazagne?), 12.035 (Moscow), 12.040 (Armavir), 12.050 (Khabarovsk), 12.055 (Armavir), 12.060 (Voronezh), 15.100 (Khabarovsk), 15.140 (Ryazan), 15.175 (Kenga), 15.185 (Zhigulevsk), 15.200 (Kalach-na-Don), 15.21 (Petropavlovsk-Kamchatsky), 15.230 (Voronezh), 15.295 (Voronezh), 15.375 (Armavir), 15.40 (Tula), 15.405 (Sverdlovsk), 15.425 (Irkutsk), 15.450 (Serpukhov), 15.460 (Moscow), 15.490 (Tula), 17.730 (Serpukhov), 17.795 (Serpukhov), 17.900 (Serpukhov). F/d cds in 22-85d air, no rp, v/s Inna Lazareva for SE Asian svc, no signer for African svc. "Moscow State University" (SCHPELLETTI MA), "CMEA Bldg" (HOFFMAN PA) (SCHPELLETTI MA) (RICCI CA), "Space Monument" (ROUTENBURG ONT) (UNRUH CA), "Kalinin Prospekt" (SMITH FL) (DULMAGE ONT) (UNRUH CA), red/gold "castle" cd (KUSALIK ONT), white/blue

RSFSR (continued): cd (KUSALIK ONT), green/white cd (KUSALIK ONT), "Sky scrapers" (UNRUH CA) (ARNOLD CA) (O'BRIEN BC), no description (SCHIPELLITI MA) (DULMAGE ONT)
 R. Peace and Progress, 17885, date/time cd w/birch trees along river + logo in 25d sfc (FOWLER ONT), f/d white cd w/2 red carnations + logo in 31d air (SMITH FL)
 Tadzhik SSR: R. Moscow, 7135 (Dushanbe), f/d "CMEA Bldg" cd in 36d air (FLORIAN IL); 15220 (Dushanbe), f/d blue/yellow "Freedom/Peace/Labor" cd w/site + veri ltr in 39d, v/s Inna Lazareva (KUSALIK ONT), f/d cd w/site, no desc., in 5 wks air (WAKISAKA JAPAN)
 Ukrainian SSR: R. Kiev, 7150, f/d cd "Rusanivka new residential district" in 30d air for 2 IRCs (DONLY SC); 1425, f/d "Bogdan Khmelnytsky Square" cd in 60d air, no rp (UNRUH CA)
 R. Moscow, 7.16 (Kiev), 2.72 (Vinnitsa, Kiev), 11.75 (Lvov), 11.85 (Vinnitsa), 11970 (Kharkov), 11980 (Vinnitsa), 15130 (Simferopol), 15330 (Starobelsk), 15425 (Simferopol), 17815 (Simferopol), 17885 (Vinnitsa), 21515 (Simferopol). F/d cds in 22-45d, no rp.
 "City square/shopping scene" (KUSALIK ONT), "CMEA Bldg" (SCHIPELLITI MA) (GEORGE TX)
 "Space Monument" (OLIVER PA), "Kalinin Prospekt" (SMITH FL), "green/white" cd (KUSALIK)
 "Moscow State University" (SCHIPELLITI MA), no description (SCHIPELLITI MA)
 Uzbek SSR: R. Moscow, 15395 (Tashkent), f/d blue/yellow "Labor/Peace/Freedom" cd w/site in 39d air (KUSALIK ONT)
 VATICAN CITY STATE: Vatican Radio, 5995, f/d R. Vaticana cd in 74d air, 1 IRC (MALONE MA)

Africa

ASCENSION ISLAND: VOA Relay, 17830, f/d "Bicentennial Stamps" cd, 3d, (JONES VA)
 BENIN (People's Rep.): LV de la Revolution, 4870, f/d map/logo cd in 41d air for @ IRCs + MS, FF rpt (BOWEN NS), date/time "Five Designs" cd in 270d air for 3 IRCs, EE/FF rpt (FLORIAN IL), usual date/fqy cd in 2 mo air for 2 IRCs, FF rpt (LOBDELL MA)
 BURUNDI (Rep.): LV de la Revolution, 3300, date/fqy cd of drum and antenna w/skcd in 33d air for 2 IRCs, FF rpt (BAUMGARTNER ONT)



Bujumbura, le 7 Juillet 1977

air BRIAN BAUMGARTNER

Nous accusons réception de votre rapport d'émission du 19 Juin 1977 de notre station sur la fréquence de 3.300 KHz et dans les bandes de 30 mètres.
 La prochaine fois, vous demandons un rapport sur bande magnétique si possible S.V.P.

Avec nos remerciements
 Le Chef du Service Technique

C. J. J.

QTH: Radiodiffusion Nationale du Burundi
 (La Voix de la Révolution)
 B.P. 1900 - BUJUMBURA
 (Afrique Centrale)

EGYPT: R. Cairo, 9425, f/d cd "Luxor-Karnak Temple" in 49d air for 1 IRC (O'BRIEN BC), f/d cd w/picture of bust, 30d, no rp (GEORGE TX), f/d cd "Pyramids on the Nile" in 59d air, no rp (PECENKA IN), f/d "Head" cd in 40d air, no rp (LOBDELL MA)
 GHANA: GBC, 4915, f/d logo cd in 60d sfc, 1 IRC (HEATH KY), same in 110d sfc for 1 IRC (STREVELER HI); 6130, same in 132d air for 2 IRCs (GRANONE NM)
 GUINEA-BISSAU (Rep.): date/fqy green PP/EE/FF cd in 25d air for 4 IRCs, PP rpt (FLORIAN IL)
 LIBERIA (Rep.): ELWA, 11945, f/d red/black drummer cd in 7 mo for 1 IRC (SCHWEIKART VA), same in 150d air for 2 IRCs (BETHGE MO)
 VOA Relay, 14445, f/d "Bicentennial Stamps" cd in 6d (RICCI CA), 13d (SUEOKA HI)
 MALAGASY (Dem. Rep.): R. Nederland, 11730, "Happy Station" cd in 40d, no rp (ROPER AL)
 MOROCCO: VOA Relay, 9760, "Bicentennial Stamps" cd in 6d (THOMPSON NM); 15205, same cd in 8d (HOFFMAN PA)

MOZAMBIQUE (People's Rep.): R. Mocambique, 3210, f/d globe/circles cd in 125d for 2 IRCs and PP rpt (BAUMGARTNER ONT)
SEYCHELLES: FEBA, 11755, f/d orange/black map cd, 30d air, 2 IRCs (LOBDELL MA); 11800, same cd in 18d air for 1 IRC (KLEMENS NJ)
SOUTH AFRICA: RSA, 5980, 9585, 11900, 21535. F/d cd "Johannesburg at Night" in 18-30d for no rp (GEORGE TX)(SMITH FL)(RIGGI CA)(GRENIER CA), in 25d for 1 IRC (SIEBUS NY), f/d cd "Protea Cynaroides" in 20d air, no rp (PECENKA IN), f/d cd "Lights of Rissik Street and Park Station" in 20-22d air, no rp (UNDERDOWN AR)(MCCURDY CA)(LOBDELL MA), f/d cd "Johannesburg" in 28d, no rp (SKORA ONT)
SUDAN: R. Omdurman, 11835, date/fqy form ltr w/sked, 120d air, 2 IRCs (KARCHESKI MA)
TANZANIA: R. Tanzania, 15435, date/fqy pink/yellow drum cd, 131d air for 2 IRCs (PIMBLETT ALB)
UPPER VOLTA: R. TV Voltaique, 4815, f/d form ltr w/sked in 112d air, 2 IRCs, FF rpt (KARCHESKI MA)

Asia

AFGHANISTAN: R. Afghanistan, 4775, f/d multicolored cd w/flag, towns & cities in 46d air for 2 IRCs (KUSALIK ONT)
CHINA (People's Rep.): R. Peking, 9780, date/fqy blue cd w/gold pagoda in 30d air (BRODSKY NY); 11650, f/d cd "After the Performance" in 17d (MILLER CA); 15060, same cd in 19d (UNRUH CA), date/fqy cd "Red Flag Canal" in 17d (SKORA ONT); 17650, date/fqy blue/gold cd in 39d (GRANONE NM)
CHINA (Republic): VOFC, 15425, f/d cd "Huang Chuen's Auspicious Birds and Rich Grain" in 34d air, no rp (MILLER CA), cd "Eternal Spring Shrine" in 24d air, no rp (MILLER CA); 17890, f/d cd "Chao Changs 4 magpies" in 22 & 25d (MILLER CA), f/d cd "Wei Sheng's Grape Myrtle" in 28d for 1 IRC (HEATH KY)

Comrade David A. Peters SR.
1317 Walter AVE.
Louisville, Kentucky, 40215
U.S.A.

National Radio of Laos
Vientiane,
July 14, 1977

Dear Comrade,

Thank you very much for your reception reports. We are very happy that you are interested in our programme. We would like to express our warm appreciation for your opinion and for your wholehearted support of our cause. We understand that the American people are kind and millions of them support our struggle for national sovereignty.

For the improvement of our radio, we once again would like to express our thanks to you and to your friends for their comments on our technical and news matter. We are looking forward to hear from you more.

With best wishes

Sincerely Yours,

Deputy-Director of the
National Radio of Laos,


Bounheuk PHENGSAVANH

CYPRUS: BBC Relay, 1420, no data Tower Bridge cd in 24d air (PIMBLETT ALB)
 CBC, 2770, f/d cartoon cd showing locations and products of the island, in 30d air for 3 IRCs (DONLY SC)

INDIA: AIR-Kurseong, 3355, f/d ltr in 131d sfc for 3 IRCs, v/s S. Lahiri, Ass't. Stn. Engineer (HARDESTER OKINAWA); 11740, f/d cd "Snake Boat at the Onam Races" in 230d air for 1 IRC (SAWYER IL)
 R. Kashmir, 3272, veri statement per stn log in 19d registered for MS, v/s O.N. Pajnoo, Ass't. Eng. (KUSALIK ONT)

INDONESIA: RRI Banjarmasin, 5970, veri ltr in EE w/fqy stated in meters, in 92d air for MS and II rpt, v/s A. Njonki BA (KUSALIK ONT)
 V. of Indonesia, 11790, folder cd in 107d air for 2 IRCs (ONKEN IL)

IRAN: V. of Iran, 9022, f/d cd "Mahabad Television" in 32d + pennant, 1 IRC (HOFFMAN PA)

IRAQ: R. Baghdad, 9745, f/d cd, map and "Ahrar Bridge" in 108d sfc, no rp (SKORA ONT)

ISRAEL: IBA, 5900, f/d "Jerusalem" cd in 50d air, 1 IRC (MALONE MA); 9815, f/d "Painting of Jerusalem" cd in 35d air, no rp (PECENKA IN), same in 48d (FOWLER ONT); 11655, same in 36d air for 1 IRC (SIBUS NY), same in 39d, no rp (SKORA ONT), same in 34d air for 3 IRCs (RICCI CA), same in 45d, no rp (MAGHAKIAN NY); 15485, same in 59d, no rp (SMITH FL)
17815, same in 30d, no rp (LOBDELL MA)

JAPAN: NHK, 9505, 11815, 15105, 15195, 15270, 15300, date/fqy cds in 8-30d, no rp.
 "A Pair of Tachibina Dolls" (BRODSKY NY)(THOMPSON NM)(LINK CA)(UNRUH CA)(MILLER CA) (LOBDELL MA)(SUEOKA HI)(ELDER SASK), "Japanese Bamboo Grove" (ROPER AL), "Doll modeled after a lady playing the 'koto'" (MILLER CA)(PEARSON OR)(UNDERDOWN AR)(PECENKA IN) (FOWLER ONT)
 NSB, 9595, f/d "Tokyo Forum" cd in 31d air for 2 IRCs (THOMPSON NM)

KOREA (Democratic People's Rep.): R. Pyongyang, 9820, f/d cd w/scene of Revolutionary Opera + pennant, pcs, zoo booklet, lapel pin, and 1 IRC, in 37d, no rp (ENDZA CA)

KOREA (Republic): R. Korea, 9720, f/d cd of two masked dancers, 25d air, 2 IRCs (THOMPSON NM), f/d cd "Traditional Music Orchestra" in 17d air, no rp (SUEOKA HI), f/d cd "Seated Maitreya Buddha" in 20d air, no rp + pennant (ENDZA CA)

KUWAIT: R. Kuwait, 12085, f/d folder cd in 30d air, no rp (BRODSKY NY), same in 40d air for 1 IRC (HEATH KY), same in 44d air, no rp (FOWLER ONT), f/d "castle" cd in 40d air, no rp (STREVELER HI)

LAOS: Nat'l Radio of Laos, 6130, personal ltr (see previous page) w/fqy underlined on sked on separate page, 71d air, no rp (PETERS KY); 7480, similar no data ltr w/apology for delay in 199d air (FAMULARO NJ) v/s for both Boumkek-Phengsavanh

MALAYSIA: BBC Relay, 9670, no data London Bridge cd in 60d air (UNRUH CA); 9740, same cd in 60d air (UNRUH CA); 11955, no data Thames cd in 15d air (UNSIGNED); 17880, no data London Bridge cd in 16d air (BAUMGARTNER ONT)

PAKISTAN: PBC, 4935, cd and ltr in 107d air for tape rpt, 3 IRCs (HARDESTER OKINAWA)

PHILIPPINES: FEBC, 9265, f/d cd sent in response to in inquiry (not a rpt), 2 IRCs enclosed. Looks like an automatic verification. (HARDESTER OKINAWA); 11850, f/d cd w/picture of studios in 35d air, no rp (GEORGE TX); 17810, f/d cd w/picture of bldg & trees, in 5 wks air, no rp (MAGHAKIAN NY)
 VOA Relay, 6010, f/d "Bicentennial Stamps" cd in 7d air (RICCI CA); 15290, same cd in 8d sfc (HOFFMAN PA), and in 10d (KLEMENS NJ)

QATAR: QBS, 9570, date/fqy pfc in 99d air for 2 IRC (PETERS KY)

SARAWAK: R. Malaysia Sarawak, 5005 (Sibu), f/d broadcasting house cd w/site in 12d air for 1 IRC (WAKISAKA JAPAN), same cd in 5 mo sfc for 2 IRCs (ROUTENBURG ONT)

SAUDI ARABIA: BSKSA, 11855, f/d crossed swords cd in 6 mo registered air for 2 IRCs (DONLY SC), f/d cd, no desc., in 64d registered, no rp (OLIVER PA)

SRI LANKA: VOA Relay, 7110, f/d "Bicentennial Stamps" cd in 6d (JONES VA)

TURKEY: V. of Turkey, 11880, f/d "Turkish Carpet" cd + pennant in 24d air, no rp (PECENKA IN), f/d "Folk Dancers" cd + pennant in 35d air, 2 IRCs (SMITH OH)
 Turkish Meteorological Radio, 6900, time/fqy veri ltr in 2½ mo, 2 IRCs (ROUTENBURG ONT)

Oceania

AUSTRALIA: ABC Brisbane, 4920, f/d map cd in 15d air, 1 IRC (HEATH KY), same cd in 115d sfc for 1 IRC (GRANONE NM)
 ABC Perth, 6140, f/d map cd of western Australia in 30d air for 1 IRC (SCHWEIKART VA); 9610, same in 21d air for 1 IRC (HEATH KY); 1425, same in 18d air, 1 IRC (MILLER CA)
 R. Australia, 9570, 9580, 11725, 15240, 15320, 15390, 17295, 17870. F/d cds in 22d for MS, 21d for 2 IRCs, 12-60d for 1 IRC, 95-290d sfc for no rp, v/s P. Koch. "Stanley Chasm" (MCCURDY CA), "Sturt Pea" (FOWLER ONT)(MILLER CA)(THOMPSON NM)(SMITH MD)(LINK CA) (SMITH FL), "Blue Wren" (FOWLER ONT)(THOMPSON NM)(BRODSKY)(LOBDELL MA)(MILLER CA) (YAJKO PA), "Scarlet-Crested Parakeet" (SMITH MD)(SMITH FL)(BOWEN NS)(MILLER CA)
 VNG (Time and fgy), 12000, f/d folder cd "Melbourne from Nauru House" w/stn info in 32d air for 1 IRC (HEATH KY), same in 6 wks air, no rp (MAGHAKIAN NY), same in 26d for 2 IRCs (LTNK CA)

GUAM: TWR, 9575, photo of Guam antennas, veri stamp on back, in 9d air for 1 IRC (MILLER CA)

...The person we'd like to meet is the one that two can live as cheaply as...

NEW ZEALAND: R. New Zealand, 11705, f/d cd w/lake and mountain scene in 18d air, 1 IRC (KLEMENS NJ); 11780, f/d cd w/hot springs scene + pennant in 17d air, 1 IRC (ELDER SASK) 15130, mountain and lake cd in 21d air + pennant for 3 IRCs (BOWEN MS)
PAPUA NEW GUINEA: NBC Port Moresby, 4890, f/d yellow map cd in 55d sfc, no rp (ARNOLD CA), same + paper pennant in 16d air for 2 IRCs (ENDZA CA), same + pennant in 16d air for 3 IRCs (SAWYER IL); 9520, same + pennant in 30d for 1 IRC (SCHWEIKART VA)
TAHITI: FR3, 11825, date/fqy native girl cd in 18d air for 1 IRC (KLEMENS NJ), same in 20d air for 1 IRC (HOWARTH WA); 15170, same in 25d air for 1 IRC (LOBDELL MA)

South America

BOLIVIA: La Cruz del Sur, 4875, no data cd w/Inca ruins, llama & tower in 7½ mo sfc for 1 IRC, SS rpt (WATTS IN)

BRASIL: R. Cultura do Para, 5045, no data ltr w/veri statement in 77d air for MS and PP rpt (BAUMGARTNER ONT)

R. Guaiaba, 11785, no data personal PP ltr, no rp, PP rpt (ENDZA CA)

R. Nacional, 15245, f/d plain white cd in 42d air, no rp (MAGHAKIAN NY), same + bumper sticker in 14d air for 2 IRCs (ONKEN IL)

COLOMBIA: Ecos del Combeima, 4875, f/d ltr in 31d for MS and SS rpt (DULMAGE ONT)

R. Sutatenza, 5075, date/fqy folder cd w/stn details, 112d air for 1 IRC and SS rpt

(FLORIAN IL); 5095, same in 245d sfc for 2 IRCs, SS rpt (BOWEN MS)

ECUADOR: HGJB, 6095, 6130, 9560, 11835, 11915, 15115, 17755. F/d cds in 20-78d for no

rp, 17-25d for MS, 29d for 1 IRC, 25-117d for 2 IRCs, 17d for 3 IRCs, v/s Sam Rowley.

"Engineer at the 49-meter xmt" (FOWLER ONT), "Antenna site at Pifo" (BRODSKY NY)

(FILMER ONT), "Eric Moore and standby generator" (BRODSKY NY)(BREITUNG IL), "Dave Pasch-

nik and 49-meter unit" (LINK CA)(STONE ONT)(SMITH FL)(BRODSKY NY), "Tuning team at 100

kw xmt" (BRODSKY NY)(WILLIS PA), "Indian Family Wood Carving" (LOBDELL MA), "Ruminahui

wood carving" (LOBDELL MA), "Hydro reservoir at Papallacta" (SMITH OH)(SUEOKA HI),

"Silver Jubilee" folder cd (ONKEN IL), #3 woodcarving in Ecuador (LINK CA), no desc.

(SIBUS HI)

VENEZUELA: R. Juventud, 4900, date/fqy dancing teenagers cd in 81d sfc for MS and SS/EE rpt form (HOFFMAN PA)

Ecos del Torbes, 4980, date/fqy ltr in 120d air for 2 IRCs, SS rpt, v/s Maria Desirée

González L. (JOSEPH MO)

North America

ANTIGUA: BBC Relay, 6175, no data Tower Bridge cd in 39d air (UNRUH CA), same in 2 mo air (HOLLENBECK CA), London Bridge cd in 30d air (LOBDELL MA)

Deutsche Welle Relay, 6040, no data multicolored cd in 30d air, no rp (SMITH TN), same in 212d air for 1 IRC (THOMPSON NM)

BERLIZE: R. Belize, 3285, date only map cd in 15d air, no rp (UNDERDOWN AR)

CANADA: CBC Northern Svc, 9625, no data "Horizon Suns" cd, 20d sfc, no rp (PEARSON OR)

CHN Halifax, 6130, date/fqy black/white cd in 15d, no rp (ROUTENBURG ONT)

RCI, 11845, CTS "Do-it-yourself" cd, f/d in 16d sfc, no rp (SMITH FL)

COSTA RICA: R. Casino, 5954, date/fqy green cd in EE/SS + pennant, 40d air (UNDERDOWN AR)

CUBA: R. Habana, 9685, f/d geometric designs cd in 79d air (FOWLER ONT), f/d orange/red cd in 120d sfc + lapel pin (MAYER IL); 11760, same in 118d for 1 IRC (JOSEPH MO), f/d

multicolored cd in 128d sfc (GRENIER CA)

DOMINICAN REPUBLIC: R. Clarin, 11700, date only SS ltr, 3½ mo air for MS and SS rpt,

v/s Lilly de Morales (KUSALIK ONT)

GUENADA: R. Grenada, 15105, f/d plain tan cd in 3½ mo sfc for 2 IRCs (WATTS IN), same cd in 82d sfc (DIAMOND MD)

GUATEMALA: R. Cultural, 3300, date/fqy "Quetzal" cd in 38d air for MS (ENDZA CA), same in 60d air, no rp (DIAMOND MD)

HAITI: R. 4VEH, 9270, f/d cd w/control room scene, 54d sfc for 1 IRC (FOWLER ONT)

NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d cd "Glen Hauser's 10th Anniversary"

47d air for 1 IRC (O'BRIEN BC), f/d "Harry Van Gelder" cd, no time (ERWIN NY), f/d

"Wooden Antenna Towers" cd in 28d air for 1 IRC (O'BRIEN BC), same in 25d (PEARSON OR),

same in 40d (YOHANA NJ), f/d "DX Program Producers" cd, no time (ERWIN NY), same in 45d

(UNRUH CA), same in 9d (MILLER CA), same in 58d (HOLLENBECK CA); 9630, same in 15d

(SMITH FL)

UNITED STATES: AFRITS, 9255, f/d logo cd, 7d (SCHWEIKART VA); 15430, same, 8d (HOWARTH WA)

KGEI, 5980, f/d San Francisco scene cd, 24d (SMITH FL), same in 30d (LOBDELL MA); 9615,

same + pennant in 30d (ENDZA CA)

V of the OAS, 11740, date/fqy black/white cd in 9 mo, no rp (ROUTENBURG ONT)

WINB, 11730, usual WINB cd in 47d for MS (THOMPSON NM), same in 17d for SASE (GEORGE TX);

15185, same in 54d sfc for MS (ONKEN IL); 17720, same in 7d sfc for MS (ROMANI MI)

WYFR, 6155, f/d, mike cd in 14d sfc for MS (RICCI CA), same in 14d for MS (ARNOLD CA),

same, no time, (ERWIN NY); 11805, same in 12d, no rp (FOWLER ONT)

...and VO cds from (JONES VA)(PIMBLETT ALB)(GRENIER CA)

Whoops! Forgot TWR (THOMPSON NM)(MILLER CA)(GEORGE TX)(ERWIN NY)(STREVELER HI)(LOBDELL

PEARSON OR). ...Sorry, out of space. Last month's sign was HAUSA (Nigerian)--said

"TRUCK ROUTE"--thanx to Mohammed W. Mohammed. No winners and no room for a new sign.

See you in 30.

73's, Bill

8/15/77

Tips and Topics

The Feature Section of SPEEDX

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

Station Month

This month Tips and Topics will bring you another Station Month, full of articles about the many shortwave stations which fill the radio dial. Again, we will examine the history of many shortwave stations as well as the content and programming of many stations. In this issue, you are going to find part VII of Adrian Peterson's series on VOA relay bases, an article on the mysterious Radio Nordzee International, a survey of RFE/RL, and information concerning the new transmitter location of WYFR, plus much much more. . .

VOICE OF AMERICA RELAY BASES - PART VII

by Adrian M. Peterson

PROJECTED BUT NEVER ERECTED

Several locations for VOA relay bases have been considered in addition to the actual locations which have been utilized. Some locations were no more than suggestions, whereas others became quite tangible, with purchase of land and the implementation of initial construction.

Among these have been two sites in the USA, one in Europe and one in Asia. VOA procured land in East Arcadia, North Carolina and Dungenas Point, Washington, and began initial work on high-powered relay bases. Both locations were subsequently abandoned. However, Greenville A and B were more recently constructed rather near the original Arcadia site; and the increase of facilities at Dixon and Delano has replaced the need for Dungenas Point.

Original negotiations with the Greek Government produced the necessary approval to construct a VOA relay base on Limnos Island in the Aegean. This project was abandoned, but, interestingly, VOA Rhodes also in the Aegean was constructed a few years later.

In Asia, VOA received approval to erect a one megawatt transmitter at Calcutta in India. However, the original decision was reversed, and so VOA transferred the project to Bangkok.

TRANSPORTABLE

According to one authority, there are 7 VOA transportables, but it is very difficult to actually locate them and to delineate their story.

Transportable 1

This is made up of one MW and three SW transmitters, all of 50 kw each. These were first located in Monrovia, and began broadcasting VOA programs to Africa on December 18, 1962. Two years later, when the permanent transmitters were installed, the three SW transmitters were flown to Poro in the Philippines. These were installed alongside the permanent transmitters, and became operational in 1964.

The three portable SW transmitters at Poro are still operational some 12 years later. It is not known what happened to the MW outlet of Transportable 1.

Transportable 11

Transportable 11 contains three SW transmitters of 50 kw each, and these were installed in Tinang, Philippines in 1968. These 3 transmitters began

broadcasting in May of 1968, one year before the permanent installation was inaugurated. These portables are still in use at Tinang 8 years later.

Transportables III to VII

The only other Transportable listed in current VOA schedules is located at Marathon in Florida. There was one at Sugarloaf in Florida, which, according to official records was destroyed in a cyclone. The Hue Transportable was flown out of Vietnam in March 1975, and is at present inactive.

There has been some speculation that one of the MW outlets used by the BBC Central African Relay station in Botswana was the Sugarloaf Portable from Florida. This station located at Francistown Botswana was inaugurated in 1967 and was on the air for about a year.

Official sources have never confirmed the speculative link between VOA Sugarloaf and BBC Botswana.

(Next month, we will conclude the series with Part VIII. Adrian M. Peterson is Director of Adventist World Radio - Asia and Producer of the SLBC DX Program - Radio Monitors International).

|||||
WHAT EVER HAPPENED TO RADIO NORDZEE INTEBNATIONAL?

by Woody Smith

Radio Nordzee International (RNI), a pirate radio station which was located on a ship in international waters just off the coast of Holland ceased broadcasting on August 31, 1974. RNI had broadcast from the motor vessel "MEBO II" for about three and one-half years, beaming pop music on AM, FM and shortwave to listeners in Europe and the world, until a law was passed by the Dutch government which prohibited citizens of that country from working for, advertiseing on, supplying, or in any other way supporting a pirate radio station. Since all of the other nearby nations had a similar law, the directors of the station decided that they would rather "switch than fight." The plan was to move to the coast of Italy, where broadcasts could be made as "Radio Nova International".

Radio Nova was scheduled to begin broadcasts from Italy's coast in the fall of 1974. Radio enthusiasts waited and waited for the first test transmissions to be broadcast, but there was only silence. Radio Nova was never to begin transmitting. The reason for this was that when, after closing broadcasts, the "MEBO II" was taken to a harbor in Holland for repairs and improvements. Just as the work was complete and the ship was ready to sail, the Dutch police suddenly seized the station on the grounds that its presence in Holland was in violation of the anti-pirate law. A tremendous legal hassle ensued, and the ship was not permitted to leave until January of 1977.

By now, the owners of RNI had decided against trying to resume broadcasts from the Mediterranean as "Radio Nova," opting instead to go to Libya. The "MEBO II" is presently relaying the AM programs of Tripoli radio while on-shore facilities are being overhauled and modernized. The ship has already been heard in Europe, broadcasting tests and playing the old RNI theme song, "Man of Action."

The details of what the future holds for the RNI ship after it completes its Libyan mission is uncertain. The future is always unpredictable for offshore radio stations, and RNI is no exception. RNI and the "MEBO II" have encountered hijacking attempts, firebombings by sabateurs, oil shortages, jamming by hostile governments, and seizure by the Dutch authorities in just a few short adventure-filled years. Stay tuned!

|||||
MORE ON RSA. . . Two of RSA's new 500 kw transmitters will take the air on November 6, with commencement of the November 1977 schedule. The transmitters will be used on the outlets of 17780, 11900 and 9585 kHz. At present work is still continuing on the antenna installations. The antennas for Mozambique have been completed and are currently being used with the existing 250 kw transmitters. (Direct from RSA via Bob Zilmer)

(This is the conclusion of an article appearing in the August issue, pp 51)

QRM - The Old Radio Shop - Grant Manning (Continued).....On the pole that had been reported twice and was still noisy, Leo Gersch had pulled the bond loose from the crossarm using a long insulated telescoping hook from the ground once. On the third call (spaced about three months apart) to check on a new noise coming from the same pole, Leo used the hammer....WHAM! The result was that the hot side of the 12KV came down putting the entire area out until it was fixed. Leo thanked me for this explaining that it would have been worse all around if it had of come down in a storm or high wind. It was only a matter of time before it would have come down anyway.

Author: Does the power company have to maintain the poles?

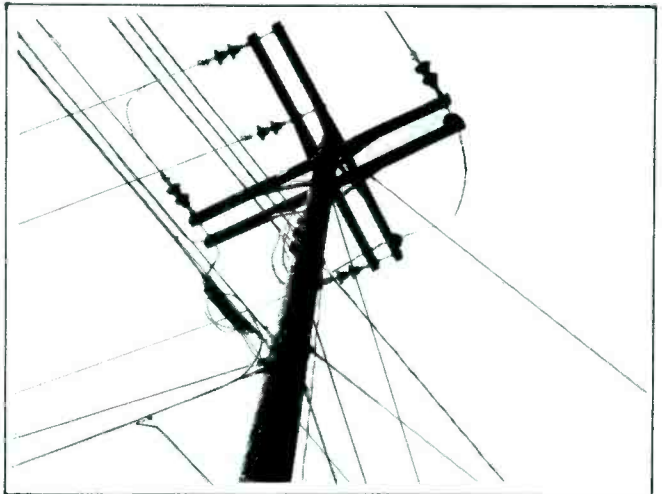
Leo: There are rules and regulations that say we have to build our system within certain specifications, but there is no place in the book that says we must maintain our system according to those specifications. Once we build the system to meet the book, nobody can force us to maintain it to that. This is strictly our business, and customer relations that we maintain it to that degree. Fifteen to twenty years with no maintenance would take a lot of work to bring the system back up. When the area was built, they didn't have RIV clips (clips that fit between the insulators to reduce corrosion, and thusly, arcing) or double coil spring washers. (washers that have a tempered spring that will take up the expansion & shrinkage of the wood)

One of the problems that occurred in Poway was on a pole set 30-40 years ago, and would not have occurred at all if the hardware had of been available at that time. RIV clips are used in all 12KV dead ends now, and are in the spec book to install when a new system is being built. I should note that I had a new home in a tract with all underground utilities. It was built next to a neighborhood that had been there about 17 years, and of course nearby there were areas that had been there longer.

Typical "DEAD END" pole

12KV on top
220v next with CATV &
phone lines under that

This type of pole is
a major source of QRM



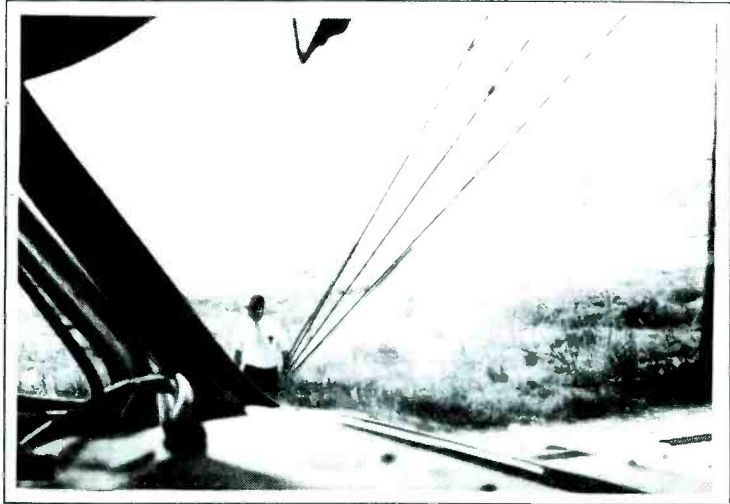
Leo: On every dead end pole, all the bolts are bonded together. Anytime you have a bond wire on a pole there is a chance of a loose connection, and those things transmit further than a corroded dead end. They are a real harsh, coarse buzz. The coarser the buzz the further it will transmit. Most complaints I receive are based on that type of noise.

Also while living in Poway I logged an electric fence. These have a buzz, then several seconds of peace, then buzz, pause, buzz, etc. I'm told an electric fence can be built so it is quite. The buzz is generally caused by arcing from one piece of corroded wire to another when a poor connection is made during installation. Another cause of noise from an electric fence is when there is an arc to ground somewhere along the perimeter, but this is rare. Fences can be fixed.

A DXer can locate and eventually eliminate most noise. To do this you need a battery operated receiver with the AVC off, and a meter across the speaker. Your ear is not usually good enough. Around your own home, before you jump off the deep end, kill all power and see if the noise goes away. You can listen to your progress by holding the radio near the electric meter. In an apartment house it's the only way you can find which unit the noise is coming from.

(continued)

QRM - The Old Radio Shop - Grant Manning (continued).....To locate the possible source of the noise in an apartment building, start at the meters. Check each meter until you find the noisiest one. If all are the same, you're probably at the wrong place. If you can isolate the noise to one meter (be it your own or another) it's fairly simple to prove by shutting the power off in the middle of the noise cycle. If it goes away, you've got it. Once you get this far it's easy to cut the individual breakers and locate the faulty item. If you are fed from a pole where several homes are fed from, you had best ask your neighbors before cutting their power, even momentarily.



Typical
down guy wires

Generally, with a portable radio and lots of patience, one can eliminate, reduce, or at least locate the offending QRM. Most power companies(not all)will try within reason to fix a noisy pole, but they will not re-build the whole neighborhood. Best results are obtained from a letter or phone call to the service section of the power company. Be NICE! Ask, do not demand! You get much better results with honey than you do with vinegar! Remember that it's not a law that they have to fix the noise. It's customer relations, as Leo Gersch explained.

Many DXers I've observed create some of their own problems by doing sloppy wiring jobs. First clean up your own shack before pointing the finger at the power company. Check your antennas and connections. Shake the wires while listening to the radio. Be sure the trouble is outside, and not just a loose ground or something in your house.

VLF CONVERTER

The Old Radio Shop

Equipment Review

GRANT MANNING, 3417 PURER ROAD, ESCONDIDO, CA 92025

This neat device will add Longwave(10kHz-500kHz)reception to any receiver that will tune 3500kHz-4000kHz. What's to be heard on the bottom of the frequency spectrum? Quite a bit. Such things as; radiobeacons, frequency standard stations, weather broadcasts, ship-to-shore, European low frequency broadcasts, and the 1750 ham band where transmitters of one watt power can operate without a FCC license.

Up until I renovated my early serial SPR-4 with a PTO noise filter (from Drake) the long-wave band on it was quite noisy and fairly useless. With the filter it became useable, but not as hot as this converter. I installed a Palomar Engineers VLF converter in my Yaesu FRG-7 and can now tune longwave with good results. I chose the Yaesu and the ready made converter for several reasons.

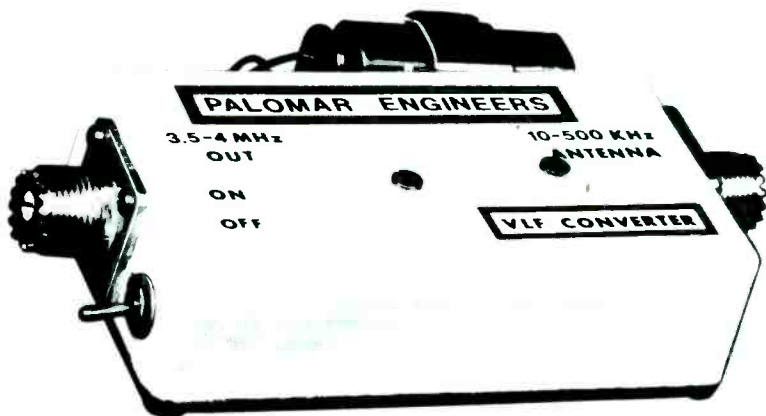
The converter uses a simple circuit, FET input, a filter for BCB that uses toroids, and an IC as a balanced demodulator. It converts to the 80 meter ham band and uses 50-239 fittings for input and output. It's housed in a cast aluminum case with a battery clip on the side. It comes with rubber feet even!

Since all of my receivers are general coverage and have fairly specific purposes (one favored for BCB, one for SW, etc) I couldn't see myself cranking away on the SO-239 fittings when I wanted to change antennas to use the converter. So, rather than pull my hair out, I long ago standardized everything with BNC fittings. They are fast, shielded, and make good connections. With a short piece of coax I can therefore patch anything I have to anything. All antennas terminate with BNC's too.

I thought about keeping the converter outboard (which is the way it comes) but decided to build it in. I mounted a DPDT switch next to the bandswitch on the Yaesu, removed the UHF fittings from the converter, and ran RG-174/U from it to the switch and the connector on the back panel of the Yaesu. When the switch is turned to "VLF" on the front panel, the converter is turned on and put in series with the antenna & receiver. I left the electronics in the box and placed the box in the Yaesu using double faced mirror tile tape. B+ I stole from the receivers regulated supply. The box is mounted so that it can be taken apart easily should the converter die at some future point.

Operation is easy. The switch is turned on, the receiver tuned to 3500kHz, and the pre-selector peaked. 3500kHz then equals zero, 3510kHz equals 10kHz, 3900kHz = 400kHz, etc. With the overrun on the Yaesu dial the converter tunes up to about 570kHz. It does quite well. Best I've seen, even on a fairly short long wire (100' or so). I run the audio thru an Autek filter for additional selectivity when needed.

I should point out that I have modified my Yaesu with a 3.1 mechanical filter (Collins) and another stage of gain. With the filter cut in (also switchable from the front panel) I pick up another 3db of gain in the receiver IF. I also added an internal 100kHz calibrator.



Having just done quite a bit of research into power line noise, and line noise, I've come to the conclusion that you can't filter all the junk out, and it does affect VLF as well as the BCB. The nice advantage of the FROG is that it can be run on an external battery. Filters can attenuate noise, not eliminate it. The less line noise @ 100kHz the better off you are. The same can be applied to BCB. In a super null situation much of the last "jumble" can be eliminated by using DC. 90% of the time I use AC, but in critical DX I have a rechargeable battery to use. The equipment is grounded to a ground rod. A cold water pipe would be a better choice if it's available. Power ground is NO-GOOD! Power ground is fine for power, but lousy for RF.

Since this set up could get many potential VLFers into the hobby, I might mention the two most notable problems I have had so far. One, I get a bit of cross-mod from local KOWN & semi-local KCBQ. 1450-1170=280kHz, which is where the interference shows up. This can be eliminated with a BCB trap at the antenna. The other problem is that the resolution of the Yaesu is only about 5kHz, which at 10kHz isn't too hot. I'm in the process of building a CMOS digital display which will eliminate this problem and give me direct frequency readout. I do have the fine tune on my Yaesu calibrated now, and that helps.

Summertime is the time to get ready for winter DX. If you have never tuned down below 500kHz but have always wanted to, now is your chance. I can happily recommend the VLF converter from Palomar Engineers. Cost is \$55.00 and well worth it. Data sheets are available from: Palomar Engineers, Box 455, Escondido, CA 92025. I have a data sheet and schematic so if you have any questions, drop me a line. Please include a SASE.

I hope this article steers some of you onto the fascinating world of VLF DXing. It's very different and interesting.

Good DX

Grant Manning

RADIO CULTURAL. . .by Bill Heath. . .Radio Cultural is the name of a broadcasting organization in Guatemala which is owned and operated by the Central American Mission (Located in Dallas, Texas). Radio Cultural has studios in Guatemala City, the capital city, and the station's transmitters are located in Petapa, a town about 15 kilometers from their studios.

Five stations come under the heading of Radio Cultural, these being: TGB (730 kHz, 10 kw), TGNC (3300 kHz, 10 kw), TGNA (5955 kHz, 10 kw), TGNB (9505 kHz, 5 kw), and TGB-FM (100.8 MHz). A quarter wave vertical antenna is used for the broadcast band frequency, and folded dipoles are used for the shortwave frequencies. Daily programming consists of Spanish (1100-0300 GMT), English (0300-0430) and Spanish (0430-0630). Extended English programming is heard on Sundays. According to the station, programming is "Non commercial, cultural, educational, and religious."

All correspondence should be sent to Radio Cultural, Box 601. Guatemala City, Guatemala, Central America.

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WHATEVER BECAME OF "7-L-O"?. . .by Steve Gelfand. . .Back in the days when radio was radio (as opposed to today when radio is shredded wheat, I guess), program listings occupied whole pages in even the largest daily newspapers. Not only were local program and station schedules printed but those for distant stations were featured as well.

I was reading some microfilmed copies of The New York Times recently and was surprized at what I found on their radio pages. In a 1929 edition, occupying a full page, was a revised listing of every radio station in the US including location, call letters, frequency and power. Naturally there were far fewer stations broadcasting in 1929 than today (AM only, of course). But what struck me most was how importantly radio was treated. In 1977, radio is virtually ignored in the press but it used to be a big deal in the days when a Stromberg-Carlson console receiver sold for \$218.00 on sale (including tubes).

What about shortwave? Over the years shortwave broadcasting has seemingly lost much of its glamour (if it ever had any!), as well as its press coverage (which it did have!). In a 1936 edition of The New York Times I discovered a "Shortwaves" column on the "Broadcasting" page. The article took up the entire right-hand side of the page and consisted of a summary of news of shortwave stations which were being heard in New York City. By 1947 interest had dwindled, not only in shortwave but in radio in general as more and more articles featured television news. In 1947 the New York Times published only a small box at the bottom of the radio page in the Sunday edition listing times and frequencies for London, Paris and Moscow shortwave transmissions but no program or reception comments as they did in the thirties.

Would shortwave be more popular if it were given more space in the press? With the new multiband radios in abundance, more and more people have the capability of tuning in the world. All that's lacking is the desire. Or the stimulation. I'm sure there is a large potential audience for shortwave broadcasts. If they were widely advertised and publicized, interest in overseas transmissions would surely increase greatly.

Anyway, on June 14th, 1936, here is what The New York Times "Shortwaves" column spotlighted: "Shortwave radio conditions," the column began, "are generally rated excellent when Bombay, India is mistaken for GSC, the powerful English transmitter at Daventry; on the dial they are only a hair-breadth from each other but are usually on the air at different times." The column then went on to report that "Station LKJ-1, Jeloy, Norway is now being heard consistently in New York on 9.53 megacycles." Also reported was VQ7LO, Nairobi, Kenya, operated by the East African Broadcasting Company. VQ7LO was being heard irregularly on 6.08 mc and often id'd as "7-L-O." Finally, new summer programs from Japan for American listeners were being broadcast by JVN on 10.66 mc, JVP on 7.51 mc and by JVM on 10.74 mc.

As for me, I'm mad at the post office. I'm still waiting for my QSL from WRUL!

WHAT IS RADIO FREE EUROPE AND RADIO LIBERTY?

Radio Free Europe/Radio Liberty has become a single organization, with management headquarters located at 1201 Connecticut Avenue N.W., Washington, D.C. and program headquarters at 1 Englischer Garten, Munich. Transmitter facilities are located at Playa de Pais, Spain; Gloria, Portugal; and Lampertheim, Biblis and Holzkirchen, in the Federal Republic of Germany. News and program bureaus are located in London, Paris, Brussels, Bonn, Rome and New York. Since July 1975, Sig Mickelson, a former executive of CBS News and Time, Inc., has been President of the RFE/RL organization.

Distinguished private citizens have served on the corporate boards of Free Europe, Inc. and the Radio Liberty Committee, Inc. The chairmen of these boards in 1976 were, respectively, Jacob D. Beam, former US Ambassador to the USSR, Poland and Czechoslovakia; and John S. Hayes, former US Ambassador to Switzerland and publishing executive.

Radio Free Europe, which has been on the air since 1950, broadcasts to Poland, Hungary, Czechoslovakia, Romania and Bulgaria; Radio Liberty since 1953, has been broadcasting to the people of the USSR in Russian and a variety of non-Russian languages (including Ukrainian, Georgian, Armenian, Lithuanian, Latvian, Estonian, Belorussian, and various Turkic and Turkistani languages).

Hourly ten-minute newscasts, plus news-analysis programs and reviews of the world press, constitute more than half of the airtime on all language services. In Russian and other languages of the USSR, much of the remaining time has been devoted to samizdat political and cultural documents originating in the Soviet Union.

There is a vital distinction in programming between RFE/RL and the Voice of America, which is part of the United States Information Agency. The VOA is a worldwide broadcaster with primary service in English, and more limited programming in 35 foreign languages. Its foremost aims are to present US Government policies effectively and project significant American thought and institutions.

RFE/RL programs, on the other hand, are specifically tailored to the interests of audiences deprived of open access to information in the Soviet Union and Eastern Europe. RFE/RL broadcasts focus mainly on events and conditions within the listener's own area and on international affairs as they affect the listener. RFE programs reach an estimated 30 million listeners monthly in Eastern Europe, while RL is heard by an estimated 40 million Soviet citizens despite intense Soviet "jamming."

(This article comes direct from the Board for International Broadcasting, 1030 Fifteenth Street, N.W., Washington, D.C. 20005 via Ken A. Earhart.)

=====

NEW ANTENNA SITE FOR WYFR. . . "Construction of the new shortwave facilities in Okeechobee, Florida is progressing. The transmission building is almost entirely completed, the first antennas are being erected; and the first transmitter is being installed. . . we should be able to begin broadcasting from Okeechobee with the first transmitter in August or September. . . the new facilities are open to visitors if you are travelling in Florida." (This information is from "Family Radio News" via Edward Insinger)

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NEWS AROUND THE DIALS. . . FEBA, Seychelles will no longer issue full data QSLs. New QSLs will be issued without date, time or frequency. (Shades of RCI and DW). In addition, the FEBA has reduced transmitter power from 100 kw (or 80) to 50 kw. They were off-the-air from June 9th to June 27th. . . Radio España Independiente has ceased operation after 36 years in July. No reason was given but it was probably due to the changed political situation in Spain. (This information is from SCDX #1440 via Chip Karchester, Jr.)

=====

Fall is here again. . .so contribute to SPEEDX. You'll be glad that you did!

SEPTEMBER CONTRIBUTORS PAGE

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

| | | | | | |
|----|---------------------|----------------|----|-------------------|----------------|
| 3 | AGNER, MIKE | NJ...SX-190 | 1 | JONES, DAVID | VA....51S-1 |
| 2 | ALBERTS, BOB. | CA...XCR-30 | 2 | JONES, JACK | MS..DX-150A |
| 6 | ARNOLD, BILL | CA....S-38D | 6 | JOSEPH, SKIP | MO...DX-160 |
| 1 | ATKINS, GARY | KY....R-392 | 1 | JUNQUA, GIB | JAPAN....R4C |
| 1 | BALDWIN, MIKE | NC....FRG-7 | 1 | KANNRY, JOSEPH | NY...XCR-30 |
| 1 | BAUMGARTNER, BRIAN | ONT...DX-160 | 3 | KARCHESKI, WALT | MA....SPR-4 |
| 5 | BEAUDCIN, BOB | CT....FRG-7 | 2 | KAUFMAN, MALCOLM | NY....SW4-A |
| 1 | BERNSTEIN, ROGER | CA...DX-160 | *3 | KAWCHUK, KARMAN | SASK...DX-160 |
| 1 | BETHGE, JANE | MO....L-600 | 4 | KLEMENS, BRUCE | NJ....SPR-4 |
| 1 | BODELL, BOB | OR....SPR-4 | *2 | KOTZUMI, H. | JAPAN..9R5-9DS |
| 1 | BOWEN, PETER | N.S....FRG-7 | 1 | KUSALIK, ED. | ONT....R-388 |
| 3 | BOWERS, PHILLIP | TURKEY...SSR-1 | 2 | LEGE, ROGER | VA.....51-J |
| 2 | BREITUNG, KENT | IL....PTL-10 | 1 | LIGON, BILL | GA.....?? |
| 1 | BRICK, GEORGE | NH....NC-88 | 3 | LINK, GEORGE | CA...DX-160 |
| 5 | BRODSKY, DAVID | NY.ICF-5900 | 7 | LOBDELL, CHRIS | MA....FRG-7 |
| 4 | BRYAN, JAMES | CA....SPR-4 | 1 | LONGACRE, DON | NY...HQ-215 |
| 1 | BUTTERFIELD, BOB | MA....FRG-7 | 7 | MAGHAKIAN, MIKE | NY.ICF-5900 |
| 2 | CALIRI, GREG. | MA....SW-4 | 1 | MALONE, RICHARD | MA...DX-160 |
| 2 | CARRIER, DAN | FL...FRG-7 | 5 | MAPPIN, JIM | WA....SCOTT |
| 2 | CHABAK, MIKE | GO...HQ-180 | 4 | MARTIN, BOB | CA....FRG-7 |
| 1 | CLEVELAND, BILL | CA....SPR-4 | *3 | MASON, ALEXANDER | ONT....FRG-7 |
| 1 | COHEN, JON | NJ....FRG-7 | 3 | MASON, PAUL | ONT....FRG-7 |
| 2 | COMPTON, KEN | MA...DX-160 | 1 | MATTHEW, RICK | B.C...R-1530 |
| 1 | CORBISHLEY, DOUG | DE...DX-160 | 1 | MAYER, ALAN | IL....SPR-4 |
| *2 | COTARIU, LARRY | IL...DX-160 | 5 | McCURDY, TIM | CA..HA-600A |
| 4 | CRABLE, VERA | ID....SPR-4 | 3 | McDONALD, JIM | HI....S38-C |
| 5 | DIAMOND, MARVIN | MD...CRF-320 | 1 | MEEHAM, JIM | GT...SX-190 |
| 6 | DONLY, BOB | SC.EDY-8302 | 4 | MILLER, BILL | CA...DX-160 |
| 3 | DULMAGE, WILLIAM | ONT.REM-188E | 4 | NAYLOR, SPENCE | CA....FRG-7 |
| 4 | DUNNIGAN, BOBBY | NC....FRG-7 | 2 | NEWELL, COLIN | B.C...DX-150A |
| 4 | DUTKOWSKI, DON | B.C...FRG-7 | 3 | NORMAN, RONALD | DC...SSR-1 |
| 4 | EARHART, KEN | PA....FRG-7 | 4 | NOVELLO, JAY | NY...XCR-30 |
| 6 | ELDER, RICK | SASK...KH-3000 | 1 | O'BRIEN, JIM | B.C....S-120 |
| 1 | ENDZA, MIKE | CA...DX-160 | 1 | OLIVER, BILL | PA.....?? |
| 5 | ERWIN, JIM | NY....S38-B | 4 | ONKEN, JOHN | IL....FRG-7 |
| 5 | FAMULARO, RALPH | NJ...XCR-30 | 1 | ORLOFF, RICHARD | NY.....?? |
| 1 | FLORIAN, JAY | IL....SPR-4 | 1 | ORR, TONY | CO...DX-160 |
| 1 | FOWLER, GARY | ONT.FR-101S | 3 | PEARSON, BRUCE | OR...DX-160 |
| 4 | FRANCK, CHARLES | VA...DX-160 | 1 | PEGENKA, JOE | IN...XCR-30 |
| 5 | FRASER, BOB | MA...XCR-30 | 2 | PERRY, COLIN | QUE..GR-2000 |
| 3 | GADOUAS | VT...DX-160 | 1 | PETERS, DAVID | KY....SPR-4 |
| 4 | GAEDE, ALLAN | CA....R-390 | 2 | PIERCE, BOB | MA...XCR-30 |
| 1 | GEBHARDT, JIM | IA....SSR-1 | 2 | PIMBLETT, NIGEL | ALB...SX-190 |
| 1 | GELFAND, STEVE | NY..NC-183D | 1 | RADTKE, CARL | CA....SPR-4 |
| 2 | GEORGE, CHARLES | TX....SSR-1 | 6 | RIOCI, EDUARDO | CA....FRG-7 |
| 4 | GETZEL, ART | NY..HA-600A | 3 | ROMANI, DAVID | OH....SPR-4 |
| 1 | GLASGOW, RIK | MS...SX-133 | 3 | ROPER, TIM | AL..ASTRO-4 |
| 3 | GRANONE, PAUL | NM....FRG-7 | 1 | ROUENBURG, PAUL | ONT....SPR-4 |
| 6 | GRENIER, PETE | CA....FRG-7 | 1 | RUSSELL, GARY | IL....SSR-1 |
| 7 | HALL, TIM | CA...DX-150B | 2 | SAWYER, GENE | IL.....?? |
| 4 | HAMILTON, KEN | CA...HE-30 | 5 | SCHPELLITI, PETER | MA....FRG-7 |
| 5 | HAMMER, DAVID | OH...A-2515 | 5 | SCHWEIKART, DAVID | VA.....?? |
| 2 | HARDESTER, MIKE | OKI...SPR-4 | 1 | SIBUS, WILLARD | NY...GR-78 |
| 5 | HEATH, BILL | KY...DX-160 | 5 | SKORA, GREGORY | ONT...TRAN-0 |
| 1 | HOFFMAN, CHARLES | PA....FRG-7 | 2 | SMITH, ALBERT | CH....SSR-1 |
| 1 | HOLBROOK, HANK | MD...SP-600 | 1 | SMITH, EUNICE | MD...DX-160 |
| 4 | HOLLENBECK, RUSSELL | CA...TRAN-0 | 5 | SMITH, TOM | FL...XCR-30 |
| 4 | HOWARTH, CHESTER | WA....SPR-4 | 1 | SMITH, WADE | MA....FRG-7 |
| 2 | INSINGER, ED | NJ...FRG-7 | 2 | SMITH, WOODY | TN...TRAN-0 |
| 1 | ISHIZAKI, YASUO | JAPAN.ICF-5900 | 1 | SNYDER, SCOTT | NY.....?? |

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|---------------------|----------------|---------------------|-------------|
| 5 SOMERS, JACK | CA....FRG-7 | 6 WATTS, GREG | IN..DX-150B |
| 1 SPENCER, JIM | OK...DX-160 | 1 WHITEHEAD, JIM | MA...SX-190 |
| 4 SRIDHAR, R. | INDIA..EBS-124 | 1 WILLIS, FREDERICK | PA....GR-78 |
| 6 STONE, WILFRED | ONT...SX-190 | 2 WILSON, TED | CA.....R4B |
| 5 STREVELER, DENNIS | HI....FRG-7 | 1 WILSON, BOB | AZ...XCR-30 |
| 6 SUEOKA, GUY | HI....FRG-7 | 1 WIRRELL, BOB | MA...SX-42 |
| 1 TANNERJALD, LEON | NY....SPR-4 | 3 WOLTMAN, FRANK | WI...DX-160 |
| 6 THOMPSON, GLENN | NM..HQ-145A | 3 WORB, PHILIP | TX...DX-160 |
| 4 TRAUTSCHOLD, JOHN | WI....FRG-7 | 1 WORMAN, JEFF | WI....FRG-7 |
| 1 TROCHIMCZYK, J. | DC...XCR-30 | 2 YAJKO, BOB | PA....SPR-4 |
| 1 TRUBEE, BILL | HI....SPR-4 | 6 YOHANA, BILL | NJ..RF-1150 |
| 6 UNDERDOWN, BOB | AZ..ICF-5900 | 3 YOUNG, CHARLES | NJ...DX-160 |
| 7 UNRUH, DONALD | CA....FRG-7 | 4 ZILMER, BOB | WI....SPR-4 |
| 4 UTTER, RICHARD | NY.....?? | 2 ZIMAROWSKI, MARK | MA...SX-190 |
| 3 WAKISAKA, SATOSHI | JAPAN....FRG-7 | 2 ZINK, GEORGE | CA....SPR-4 |
| 1 WALTERS, JOHN | NJ...R-1530 | | |

Not a 21 gun salute, but a 25 gun salute to 25 first time reporters. A new record, they are: Gary Atkins, KY; Mike Baldwin, NC; Marvin Diamond, MD; Bobby Dunnigan, NC; Rick Elder, ONT; James Erwin, NY; Jay Florian, IL; Robert Fraser, MA; Rik Glasgow, MS; Walt Karcheski, MA; William Ligon, GA; Don Longacre, NY; Alexander (Sandy) Mason, ONT; Ronald Norman, DC; Jim O'Brien, B.C.; Richard Orloff, NY; Bruce Pearson, OR; Gary Russell, IL; Gene Sawyer, IL; David Schweikart, VA; Scott Snyder, NY; Dennis Streveler, HI; Bob Underdown, AZ; Richard Utter, NY; and Philip Worob. You are all on your way to receiving a handsome SPEEDX Certificate as a Full Member. We certainly want to thank 151 DXers that helped to make this issue possible.

Very interesting! Last year the SPR-4 was the leading receiver as disclosed by the contributors to the SPEEDX columns. Would you believe! There are 30 FRG-7 and 19 SPR-4 listed on the contributors page this month.

KEYNOTE ITEMS CONTINUED FROM PAGE 3

USSR HIGH FREQUENCY BROADCAST NEWSLETTER

The news letter is edited by SPEEDXER Roger Legge, Box 232, McLean, VA 22101, USA. The four page news letter continues to carry interesting info re transmitter sites, frequency and more. 12 issues per year for \$3.00 USA.

SOUTH AFRICA POSTAGE STAMPS

New member Brian Jones, 4 Elgar Court, Roland Chapman Drive, Montclair, Durban 4001, Republic of South Africa, would like to contact stamp collectors in other parts of the world. Stamp collecting is an added benefit to the short wave listening hobby. If interested contact Brian.

ITEMS FOR SALE AND OR WANTED

KS-PRESELECTION, \$35.00 Contact Nick Lombardi, 2203 Plaster Rd, NE., Apt N-1 Atlanta, GA 30345. Phone (404) 633-3822.

Complete listening station, DX-160 with ceramic filters and 100 kHz cal. Antenna tuner, Autek Audio Filter, matching speaker, and electric clock. All cabinets match in color. All for \$160.00. Contact Brian Saade, 7908 Tokay Ave #6, Fontana, CA 92335.

William Rudolph, 113 Gillon Dr., Birmingham, AL 35209, needs a schematic & information as to where he may get replacement parts for a JVC-NIVICO, 9 band portable, model 8500.

Wanted, Frequency meter, new or used in good condition. Contact Darcy Brownrigg, Chelsea, Quebec, JOX 1N0, Canada.

John Trautschold, editor of the SPEEDX-GRAM is now located at W174 N9459 Devonwood Rd. Menomonee Falls, WI 53051. Suggest that you send him \$3.00 for a yearly subscription of the mid-monthly Hot Line Service to SPEEDX. I just sent off to his new QTH my 3 bucks as I think this fall DX is going to be better than we have heard the past few years.

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