

# SPEEDX

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"

## INTERNATIONAL

CRONCA



10700

## DXER OF THE YEAR

AUGUST 1978

Vol. VIII No. VIII



# KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

## CONGRATULATIONS TO 13 NEW FULL MEMBERS

PETER ANDERSON ROCHESTER, NY	JEFFREY BILLER BRUNSWICK, NJ	JAN COLLINS PORTLAND, OR	KEITH HAGEWOOD NASHVILLE, TN
CLAYTON HARADA HONOLULU, HI	ROB HARRINGTON ENGLEWOOD, CO	EMIL KASPRZYK DALLAS, TX	EDWARD KUSALIK ONTARIO, CANADA
DON LONGACRE CALIDONIA, NY	ANDRE PINEAULT QUEBEC, CANADA	ROBERT RUGGLEY CHICAGO, IL	GARY W. RUSSELL JACKSONVILLE, IL
ANTHONY BUHAGIAR ONTARIO, CANADA			

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

## SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

CHARLES SHULIN GREAT NECK, NY	BEN SNOWDEN LA MESA, CA	LARRY LEDLOW SAN ANTONIO, TX	BORIS MARK BEVERLY HILLS, CA
SAM KONTOS KENT, WA	JOHN WEBSTER JR NORTHPORT, AL	GEORGE STANLEY LOS ANGELES, CA	WILLIAM KILLIAN CANYON COUNTRY, CA
MATTHEW MARFIELD LONG BEACH, CA	CHARLES BONILLA CHICAGO, IL	JOHN DILK EDISON, NJ	JOHN FITZGERALD CRANSTON, RI
HIDEKI OGURA JAPAN	JOHN CONNELL MANSFIELD, MA	MARVIN YUST MEMPHIS, TN	HEINRICH BAUMHOF WASHINGTON, DC
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BILL CUMMINGS LOMBARD, IL	JOHN McGEE ROME, NY	ROY CARLSON SAN CARLOS, CA	SATOSHI SUGIMOTO JAPAN
ROBERT PALMER SPOKANE, WA	ALLAN HOLLAND HAZLETON, PA	HAROLD ELLIOTT DENVER, CO	IRVING McWHERTER KENSINGTON, MD
STEVE WILLIE SCOTTSDALE, AZ	TODD VAN GELDER WESTWOOD, NJ	ROBIN MOUGENOT FRANCE	DON MOORE STATE COLLEGE, PA
JAY VAN FLEET GREENWOOD, NY	KEN BURGESS SASK., CANADA	STEVE WEBSTER ONT., CANADA	HORACIO HINOJOSA MEXICO
SKIPPER ESTES JACKSON, MS	PATRICK KUCERA PHOENIX, AZ	JEAN BOUCHER QUE., CANADA	WILLIAM LAMBERT PHILADELPHIA, PA
JAMES HONEYCUTT SAN PEDRO, CA	DEREK LOWE HARRISBURG, AZ	TAKAAKI UYENO HOUSTON, TX	HENRY SLOFSTRA ONT., CANADA
KEN RICHARDSON MESA, AZ	JOHN YOUNG PACIFIC PALISADES, CA		

We are very happy that you have joined SPEEDX. Questions regarding the club should be directed to Headquarters in Elsinore, technical questions should be sent to our technical editor. We ask that all of you support the various columns.

Our Central Distribution Editor is Bob Zilmer, P.O. Box 697, Milwaukee, WI 53201. His deadline is the 10th of the month, the editors deadline is the 15th of the month. When to late for the CDE, please mail to the editors direct.

This is a summary of the SPEEDX & SPEEDXTRA accounts for the period of July 1, 1977 to June 30, 1978 inclusive. A more complete report is sent to the BOD each month. SPEEDX publishes this annual report each August so all members are informed of how their money is being handled.

SPEEDX ACCOUNT

Balance on hand July 1, 1977.....\$4,646.45

RECEIPTS	Prepaid Subscriptions.....	\$5,614.00
	Prepaid Renewals.....	5,663.50
	Misc. Income(Sample Sales, etc.).....	594.08
	Total Receipts	\$11,871.58

DISBURSEMENTS	Bulletin Printing(12 issues).....	\$4,080.82
	Bulletin Postage.....	3,010.96
	HQS Printing(Gram/NMP/Forms/etc).....	739.60
	HQS Postage.....	1,043.90
	HQS Supplies.....	775.36
	Misc(POB E/CDE/BBC-MS/ANARC/etc).....	273.68
	Labels(mailing).....	102.00
	Total Disbursements	\$10,026.32

Balance on hand June 30, 1978.....\$6,491.71

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SPEEDXTRA ACCOUNT

SPEEDXTRAS is the project division of SPEEDX. It is designed to be self supporting by producing hobby items for sale at, or just above cost. Items included in this department are:LL Guide, SUG, Country List/Awards Program, USSR Guide, SS Booklet, Tri-Lingual forms, Club Rubber Stamps, BIPs, etc.

Balance on hand July 1, 1977.....-\$95.27

RECEIPTS	\$3,626.14
DISBURSEMENTS	2,746.08

Balance on hand June 30, 1978.....\$784.79

I certify this summary of SPEEDX and SPEEDXTRAS accounts is true & accurate to the best of my knowledge for the period July 1, 1977 through June 30, 1978.

*Don Johnson*  
Don Johnson - Treasurer

(Note:combined accounts = \$7276.50 or \$7.80 in reserve per member)



# DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

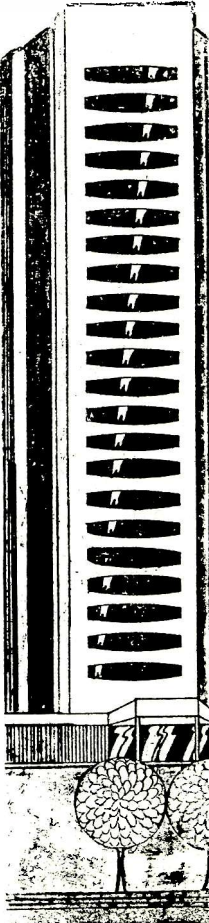
Oakdale, Connecticut 06370

**D**ATELINE MONTREAL: The largest group of radio enthusiasts ever to attend the Convention of the Association of North American Radio Clubs were treated to a most enjoyable time at the recently concluded 1978 gathering...This year's meeting of hobbyists from North America was held at Maison du Radio Canada beginning July 14th...

**DAY ONE:** Opening day of any convention generally provides a most welcomed opportunity to greet new friends and renew old acquaintances....Among the registrants were DXers from as far south as Trinidad, as well as attendees from the west coast of the United States and from the Swedish nation. Most conventioners were free to spend the morning and afternoon in social pursuits...touring the facilities of Radio Canada, examining elaborate equipment displays, viewing presentations by member clubs, checking out shortwave station exhibits, and witnessing live demonstrations of direct, satellite-to-home television broadcasting via the Canadian experimental satellite "HERMES"...and, of course, collecting pockets full of samples and "freebies"...later that evening Radio Canada International hosted a reception for the conventioners, thus providing yet another chance to socialize...so numerous were the various DXers and so festive the mood at this event that your Editor moved a total of about ten feet all evening...yet managed to converse with so many faces, both new and old, that it would be difficult to recount all the pearls of wit and wisdom that passed between us...

**DAY TWO:** For some the dawn came too early...the usual late night and early morning DX sessions...including one on the roof-top of the convention hotel that must rate as the Granddaddy of them all...took the inevitable toll, but Saturday's activity began as slated anyway. DXing Workshops were first on the day's agenda. Frank Gittens from Trinidad outlined general and specific information about DXing from Caribbean locales...New Brunswick's Alfred Thornton, a familiar figure at ANARC gatherings, gave some background on his cable TV program about shortwave listening which he calls "The World At Your Finger Tips"...Kim Elliot discussed data from his extensive survey of shortwave listening...and Arne Skoog...Yes, the real Arne Skoog...shared viewing of slides of Radio Sweden. Just before noon Denis Casey, the Supervisor of the Radio Canada Monitoring Station, conducted a very informative question and answer period on monitoring activities. During the afternoon the attendees...by now wide awake...participated in various discussion groups...with summaries by Dan Robinson and Kim Elliot...during which all the ills of shortwave listening were cured....Saturday evening is traditionally reserved for the ANARC awards banquet...and Arne Skoog, so long responsible for the weekly "Sweden Calling DXers" segments, was announced as ANARC's International DXer-of-the-Year for 1978...Chosen as North American DXer-of-the-Year was convention host Ian McFarland. The RCI "DX Digest" impresario also received a special award from the Handicapped Aid Program. The evening's last award took the form of special recognition to well-known California DXer Grandma Greene for the enthusiasm she has shown for the hobby for 25 of her 76 years....Keynote speaker for the convention was George Davies, the Director of the Space Communications Program Office in Ottawa. Quite naturally, his timely topic was satellites...The post-banquet drawing for door prizes provided some spirited response with Greg Ravenhorst spiriting away a new portable shortwave receiver as his prize...

**DAY THREE:** Dr. David Meisel's talk on future sunspot activity dragged everyone out to Sunday's activities early...and, of course, the subject was of such interest that no one was sorry...Committee and member club reports followed....Then Sunday's activities concluded with a most lively International Broadcasters' Forum featuring representatives of Radio Sweden, RCI, the VOA, and Spanish National Radio...The HAP Auction was held earlier in the day and deserves extensive coverage next month...along with the real, untold stories of ANARC '78....



# PROGRAM

AUGUST 1978

WOODY SEYMOUR, JR.  
P. O. BOX 848  
SANFORD, SC 27330

# PANORAMA

ANNOUNCEMENTS... Congratulations to SPEEDXer John C. Onken of Roanoke, IL, the winner of a SPEEDX pennant in the "Name the Column" contest. John's winning name was "Program Panorama". Runners-up in the contest were Clayton Stapleton of New Braunfels, TX and Russ Hollenbeck of Newport Beach, CA. Both won bumper stickers as consolation prizes. Thanks to all who took part in the contest...Next month the column will probably expand to two pages. If your contributions are not printed in this month's column, check out the September "Program Panorama".

CANADA... The As It Happens Summer Theater has returned! Through Labor Day, you can hear the best of old-time radio via Radio Canada's domestic relay five days a week. Tune in 5960 kHz at 2330 GMT for the following programs: MONDAY-"Boston Blackie"; TUESDAY-"Screen Directors Playhouse"(radio adaptations of well-known movies); WEDNESDAY-"Just A Minute"(the BBC quiz-comedy show); THURSDAY-"X-1"(an excellent sci-fi series); FRIDAY-"BOX 13"(starring Alan Ladd). After Labor Day, the series will probably revert back to its once a week time(Friday nights). Tune in for first class radio entertainment from the past.(via Steve Gelfand of Bronx, NY and Editor)...Radio Canada International has a special feature each Tuesday night during its transmissions to North America. Canadian music and musicians are spotlighted on "Canadian Music Night". This feature is heard the last 10 minutes of the b'cast.

ECUADOR... John Trautschold's "SPEEDX Report" can be heard each Saturday over HCJB's DX Party Line. Tune in at 0230(GMT Sunday).

GREAT BRITAIN... BBC World Service for August has the following features: The British at Work is a series which looks at four occupations in Britain in this order: fireman, miner, teacher and fisherman. The series can be heard Saturday at 1130 GMT, Sunday 1830 GMT and Monday 2330 GMT...Brain of Britain 1978, a popular quiz show, can be heard Sundays 0330 GMT, Tuesdays 0830 GMT and Wednesdays 1215 GMT. It can also be heard every Thursday except 8/24 at 1830 GMT(that week it can be heard on 8/25 at 1830 GMT)...The Secret War is a rebroadcast of four highly acclaimed programs on the intrigue of weapons research during WWII. The development of the German's V2 rocket is one of the topics discussed...Are Big Cities Governable? is the question answered 8/30 at 1430 GMT, repeated 8/31 @ 0330 GMT and 9/1 @ 2030 GMT. New York and other major cities will be examined in relation to their financial and human problems...Promenade Concerts can be heard at 1830 GMT on the following days: 8/1, 7, 8, 12, 15, 16, 19, 22, 24, 26 and 28. Also try 8/19, 26 at 0030 GMT and 8/20,27 at 1515 GMT...The play "Becket" by Jean Anouilh can be heard 8/19 at 2015 GMT, repeated 8/20 at 0030 and 1130 GMT. (BBC London Calling, August 1978)

SWEDEN... Radio Sweden's DX program, Sweden Calling DXers, has a new feature on it--"Tune-In". Each week, host George Wood will give you some suggestions for interesting programs to tune in from the various international broadcasters. 15205 kHz at 2300 GMT offers good reception.

SWITZERLAND... English programs from SBC: Mondays to Fridays: Dateline; Saturday: (1st and 3rd--Talkback(listeners' forum)(2nd and 4th--Swiss Shortwave Merry-go-Round with the Two Bobs); Sunday:(1st) Inter/Action I--a look at an international organization based in Switzerland(e.g. Red Cross); (2nd) Inter/Action II--a look at the prior Sunday's organization in the field; (3rd) Sunday Supplement--an expansion of some Dateline features; (4th) Jazz Panorama. SBC can be heard to North America at 0145-0215, 0430-0500 and 1315-1345 GMT daily.(direct)

Next month there will be a look at Radio Norway's 30 minute weekly English program and much, much more. Tune in and contribute! Woody 7/18/78



# TECHNICAL TOPICS


Editor

## SANDY BLAIZE

AVC  
AGC  
GAIN  
TUNER  
IMAGE



SSB  
LSB  
FADE  
NOISE  
Smeter

Send Technical Questions  
& Technical Material To: 

E. V. "SANDY" BLAIZE  
417 RIDGEWOOD DRIVE  
METAIRIE LA 70001

Sorry for the missing column last month! As previously announced, I was rather busy with a company trip out of the country in England. Yes, I did a little SWling with the trusty (but HEAVY!) Grundig Satellit 2000. Did a real mixture of listening between UTE and SW bands. Also investigated the LW band and BC bands as well. Lots to listen to over there. The biggest bother though has to be the Russian jammers! They are all over the place! In between that they are broadcasting. I counted almost 50 jammers on 13, 16 and 19 meters over a three hour period spread over two nights!!! In spite of that, you can get a lot of DXing in, in the gaps between. As I said nothing was closely paid attention to and a different part of the world demands different techniques from what you are used to. Heard an amazing of "numbers" stations.

A very nice brochure on the YAESU FRG-7000 was received from SPEEDXer: Lee Marable. Looks nice. For yours, try writing to: Yaesu Electronic Corp., P.O. Box 498, Paramount, Calif., 90723.

You CW and RTTY buffs: A very interesting brochure was received from SPEEDXer Paul Gunn on a converter for CW and RTTY. This takes the received information and converts it to VIDEO for a video readout terminal. Just the thing for a "dyed-in-the-wool" UTE listener. Send this Editor a SASE for a Xerox copy.

Receivers seem to abound nowadays for general coverage. A very interesting one comes from Japan Radio Co. (JRC). They have been a rather famous name in shipboard marine communications gear in the past. Looks like they are trying to throw their hat into the Amateur/SWL market! This with the JRC-"NRD-505" receiver. Has digital readout to 0.1 kHz. AND conventional dial readout to 1 kHz. Dual conversion. Three bandwidths or selectivity positions. Separate fine tune or clarifier control. Built-in Noise blanker. Programmable for 4 pretuned "channels", settable to whatever you desire. Looks very nice. Price unknown at present, will be following this up soon. Probably will be expensive. If it is like other JRC gear, it will be very nice! Let's hope the YEN stays put! Thanks to SPEEDXer Ed Alves for the brochure from Japan.

Auto radio Shortwave! That is a possibility. An auto radio converter is presently under evaluation. (Made by Grundig-Germany) A full report will ultimately follow when tests are complete.

Some of you have written about BCB loop antennas. One supplier of such equipment is: Radio West, 3417 Purer Rd., Escondido, Calif., 92025. They also have such things as digital counters, calibrators, preselectors and mechanical filters, just to mention a few. Modifications etc. are also done. You may telephone them at: 714-741-2891 after 6 PM Cal. time.

I have a pile of mail to be answered for those of you who sent SASE's. Please be patient, as it takes time to work the stack down.

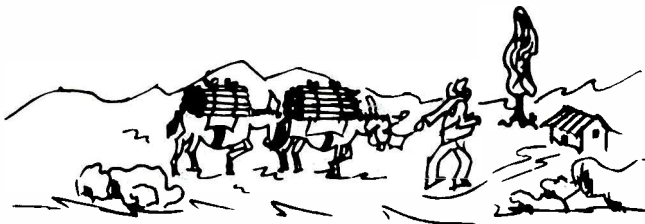
If you are having trouble finding a service technician, this Editor is taking in a limited amount of work. No exotic mods., just repair/alignments jobs etc. Write before sending your gear, please! Include SASE for prompt answer.

That is it for now gang. Thanks for your support. CU next month,  
73 and Happy DXing!!!

*Sandy* W5TVW

# SWBC DX - Western Hemisphere

◁ EDITOR ▷  
**CHRIS HANSEN**  
ST JOSEPH'S SEMINARY  
DUNWOODIE YONKERS  
NEW YORK 10704



AUGUST, 1978 — LAS NOTICIAS

This month I would like to dedicate Western Hemisphere to two people who have both saddened and gladdened me in the last month. They are:

IAN MC FARLAND

and

JOSHUA BLUMENFELD

Ian McFarland, as most of you know, is the RCI announcer whose great efforts made the ANARC Convention in Montreal, which I have just today returned from, possible. This convention, most of whose highlights can be found in DX Montage, will live on as the Convention which netted \$1200 for HAP and CHAP. We all enjoyed it tremendously, and we look forward to next year in (Washington?)(Minneapolis?)(Los Angeles?). But, for now, we salute Ian McFarland.

Secondly, however, we must remember Joshua Blumenfeld, a young SPEEDXer and MAD-man, who lived on Long Island. On the morning of July 12th, he was killed in an accident at the high school in his town. He was an up-and-coming DXer, whose presence at our meetings was always welcomed. He will be missed, and therefore I dedicate this column to him along with Ian.

THE FOLLOWING ITEMS ARE FROM THE BBC MONITORING SERVICE, AND ARE COPYRIGHT, AND therefore cannot be reproduced without permission from the BBC Monitoring Service. Bolivia - Radio Animas, Choraya, now broadcasts from 1030 - 0400 on 4990 kHz instead of 4965 kHz. This move was probably made to avoid interference from Radio Juan XIII, San Ignacio de Velazco, which has once again returned to 4965 kHz.

- Radiodifusora Cristal announces that it operates from La Paz on 6195, 5005, and 790 kHz as well as 103 mHz. Callsigns are CP64, X48 (exp.), X46 (exp.), and GP 150 respectively. A later announcement gave the station's transmission span as 1100 - 0400 daily. This station has so far been confirmed only on 5005 kHz.

IF IT'S GOOD ENOUGH FOR HANSEN, IT'S GOOD ENOUGH FOR ME, DEPARTMENT. This evening, an FCC official drove up to the Seminary door and asked for permission to set up a portable monitoring laboratory on the Seminary grounds. When asked why, he said that the height of the Seminary made it a perfect place to monitor from. I only have one question — if they start kicking up interference, to whom shall I complain??

And now, to the loggings — Times and dates are in GMT, dates are in month/day format, frequencies are in kHz (kiloHertz) and the SIO code denotes reception conditions noted.

## SOUTH AMERICA

### ARGENTINA

- 5882 0030 R. Rividavia, SS, tlk, sx; (343; 6/16. Zilmer, WI)(World cup bc; 343; 6/10. Maghakian, NY) (322; 6/13. Buhagiar, ONT)  
6060 1008 R. Nacional, SS, ID's, tlk, LA mx; (242; 6/26. Jones, MS)  
6120 1000 R. El Mundo, SS, Time pips, ID by YL, nx (Panorama Informativa)(343; 6/19. Jones, MS)(252; 0547; 6/13. T. Smith, CA)(0833; 322; 6/20. Rounds, CA)  
9690 0425 R. Nacional, SS, ID, mx; (544; 7/5. Mappin, WA)(333; 6/17. Thompson, CA)  
11755 0750 R. El Mundo, SS, OM tlk, ID @0755; (333; 6/27. McIntosh, PA) CA

BOLIVIA

t 6005 1014 R. Progreso, SS/Indian; OM/YL ancrs, ID by OM, ads, alternating langs; many mentions of Bolivia, possible devotional @1030. campo mx @1041. 98% sure of ID, Relej off 6006 this time (342; 6/24. Jones, MS)

BRAZIL

3205 0349 R. Ribeirão Preto, PP, OM/YL tlk, slow mx; (433; 6/23. Howell, CA)  
 3285 0343 R. Olinda, PP, tlk by OM, severe RPTY QRM; (422; 6/23. Howell, CA)  
 4785 0815 R. Ribamar, PP, Brazilian mx, tlk (322; 6/16. Tannenwald, NY)  
 4855 0810 R. Clube do Pará, PP, tlk, mx; (322; 6/23. Tannenwald, NY)  
 4905 0035 R. Relogio Federal, PP, tlk, ID, frequent TC's, ads; (433; 6/30. Peck, NY)  
 4945 2345 R. Difusora, Poços de Caldas, PP, world cup bc; (ID, Mike??? Ed.)(222; 6/10. Maghakian, NY)  
 4985 2354 R. Brasil Central, PP, OM tlk, phone number, ID's, mx; (343; 6/28. Famularo, NJ)  
 5015 0620 R. Cultura de Guaíba, PP, mx, comedy px; (252; 6/21. Forsman, CA)  
 5045 0100 PP, OM jock w/ PP versions of U.S. pops, TC's, canned ID's w/ fq; (333; 7/6. Novello, NY)  
 5955 2328 R. Gazeta, PP, world cup bc; (232; 6/10. Maghakian, NY)  
 5965 2345 R. Guaíba, PP, world cup bc; (232; 6/10. Maghakian, NY)  
 6015 2304 R. Clube de Pernambuco, PP, world cup bc; (322; 6/10. Maghakian, NY)  
 6085 2345 R. Jornal do Comercio, PP, world cup bc; (322; 6/10. Maghakian, NY)  
 6125 2306 R. Nacional, PP, world cup bc; (232; 6/10. Maghakian, NY)  
 9585 1510 R. Excelsior, PP, YL/OM exchange dialogue (radio play?)(333; 6/22. Thompson, CA)  
 9685 2354 R. Gazeta, PP, world cup bc; (222; 6/10. Maghakian, NY)  
 11780 0304 R. Nacional, PP, mx, many ID's (555; 6/2. Keller, CA)(2315; 544; 7/7. Donly, SC)(0006; 555; 7/6. Bryan, WA)(0859\*; 544; 7/6. Miller, CA)(2340; 544; 6/5. Shimizu, CA)(0210; 444; 6/30. Thompson, NM)(2205; 444; 7/11. Seymour, CA)(2145; 454; 6/12. Earhart, PA)  
 11868 0818 R. Clube de Pernambuco, PP, wierd soft rock mx, excited OM ancr, often shouting "Hello!" with rooster crowing, many ID's (333; 6/26. Rounds, CA)  
 11915 0005 R. Gaucha (t); PP, sportscast in PP by excited OM (322; 6/14. Peck, NY)  
 11925 1614 R. Bandeirantes, PP, OM ancng. sports event; (242; 6/17. Famularo, NJ)(1501; 242; 6/17. Earhart, PA)  
 15145 1000 R. Jornal do Comercio, PP, tlk w/ ads, ID; (433; 7/10. Zilmer, WI)  
 17815 0200 R. Cultura de São Paulo, PP, operatic arias by YL/OM w/ orch.; mentions of São Paulo and Brazil, mx; (453; 6/21. Peck, NY)(0100; on past 0132; 333; 6/22. Pyne, MD)

CHILE

6190 1100 R. Nacional; SS, pop mx, YL ID; (333; 5/27. Watanabe, JAPAN)  
 11760 0015 Voice of Chile; EE, YL w/ anti-Communist cmtry; ID @0018; QRM; (533; 7/6. Bryan, WA)  
 11765 0230 VOC; FF, ID's, tlk (444; 6/18. Jones, CA)(0139; 443; 6/22. Bryan, CA)(0544; 433; 6/13. Trueblood, WI)  
 11890 0130 VOC, EE, cmt. for today; (444; 7/3. Zilmer, WI)  
 15130 0000 VOC, EE, today's cmt; (333; 6/26. Rudolph, AL)  
 15175 0005 VOC; EE, Wonder's of Chile, mx; (322; 6/5. Stephenson, CA)(544; 2/3. Osterman, OH)  
 15180 0027 VOC, EE/SS, Chilean mx, ID, IS, SS list of bc. langs after 0030; (444; 6/25. Thompson, CA)  
 17713 2157 Lang; mx, tlk; ID, etc. (322; 5/24. Watanabe, JAPAN)  
 17780 2220 GG to 2230, into II, Chilean mx, //17790, 2300\* revealed non-skedded VOA w/ CC px (6/22. Brookwell, CA)  
 17790 2220 VOC, GG px to 2230, into II to 2300, into SS. Does not follow BBC-MS sked; (444 after 2300; 6/22. Brookwell, CA)  
 17800 0014 VOC, EE, YL, cmtry on life in Chile, mx; (322; 6/8. Hodsdon, MN)

COLOMBIA

4755 0339 Emis. El Mundo, SS, vocals, OM tlk, ID; (343; 7/3. Howell, CA)(0643; 232; 7/4. Jones, CA)(0520; 343; 7/5. Thompson, CA)  
 4885 \*1022 Ondas del Meta, SS, NA, chimes, short ID, more chimes, greetings to listeners, run of the mill LA pop mx; (353; 6/15. Jones, MS)  
 4945 0805 R. Colosal, SS, mx, ID; (323; --/--; Tannenwald, NY)(0638; 323; 7/4. Jones, CA)(0555; 454; 6/21. Bryan, WA)(0802; 454; 6/29. Webster, AL)  
 4965 0500 R. Santa Fe; SS, ID, ads, nice mx, (555; 7/7. Koval, NJ)(0637; 333; 7/4. Jones, CA)(0601; 454; 6/21. Bryan, WA)(0700; 454; 7/5. Webster, AL)  
 5040 0910 R. Cinco, SS, light popular mx, ID's overmodulated; (353; 7/1. Heath, KY)  
 5095 1000 R. Sutatenza; SS, mx, armts; (444; 7/6. Mappin, WA)  
 6060 0208 Em. Nueva Granada; SS, mx, OM tlk w/ mx in background, mentions of Colombia (434; 7/1. Getzel, NY)



COLOMBIA - continued

- 6065 0646 R. Super, SS, armts, ID's, mx; (323; 7/2. Jones, CA)(folk mx, many ID's - 454; 6/22. Webster, AL)
- 6115 0641 LV del Llano, SS, LAM mx, OM DJ with TC's, ID's 3 at a time (444; 7/5. Hall, CA)(1135; 555; 7/11. Jackson, OR)(0245; TC's 4 minutes off; xmitter problems @0809. 454; 7/1. Heath, KY)
- 6140 0350 R. Melodía, SS, soft ballads, OM/YL ancrs, ranchera mx, 0415\*, trumpet mx; (434; 7/3. C. Hoffman, PA)
- 6150 9645 LV del Huila, SS, OM, slow SS ancr; lively LAM mx; jingles, ID's (343; 7/1. Thompson, CA)
- 6160 0715 Emis. Nueva Granada; SS ID's, mx; (323; 7/6. Jones, CA)(0830; ID's as "This is the main station of 'RCN'" 454; 7/1. Heath, KY)(1000; 333; 6/19. Tannenwald, NY)(0830; 555; 6/23. Webster, AL)
- 9655 0119 R. Nacional, Bogotá, SS, OM/YL ID, LAM opera mx; (444; 7/6. Bryan, WA)
- 13848 0100 R. Nacional, SS, class mx, ID tlk (not image, not harmonic of known fqs;)(343; 6/28. Jackson, OR) (Jay Novello adds a postscript to his logging last month of this fq — "I was under impression this was a feeder — it has been reported as such before. Usually mode is SSB, my question was why AM this time?? Who knows. Ed. It might be a mistake on the tech's part)

ECUADOR

- 4680 0520 R. Nac. Espejo; SS, mx; (333; 6/24. Kaufman, NY)(0427; 354; 6/28. Webster, AL)(0430; 333; 6/13. Trueblood, WI)
- 4790 0205 Sistema de Em. Atalaya, SS, tlk by OM, kept repeating Quito, did not sound like Perú. (343; 6/29. Maghakian-NY)
- 4795 0318 LV de los Caras, SS, ID, thanks to folks listening to station, LA ballads, best ever heard (443; 6/16. Jones, MS)
- 4850a 1023 R. Luz y Vida, SS, ID w/ some echo, tlk on agriculture, seems to be new fq; hrd same time 6/26/78 (443; 6/23. Jones, MS)
- 4910 0737 E. Gran Colombia; SS, ID, Argentine mx; (453; 6/22. Jones, MS)
- 4920 0417 R. Quito, SS, lots of local mx, and a few SS armts, bad het; (433; 6/29. MacCollum, IN)(322; 6/18. Tannenwald, NY)
- 4930 0255 R. Casa de la Cultura, SS, AM ancr, theme from Rocky, ID; (433; 7/3. Lindsey, NJ)
- 5025 1021 R. Splendit, SS, OM ID's, TC's, campaign ad for Raúl Clemente Huerta (344; 7/9. Hall, CA)(0947; 443; 7/8. Jones, MS)

HCJB

- 6095 0547 EE, Radio play, man in prison who found God; (454; 6/28. T. Smith,CA)
- 9560 0219 EE, tlk about bargaining in SS, Passport; (555; 7/6. Bryan, WA)(343; 6/22. Bryan, CA)(0634; 453; 6/1. T. Smith, FL)(0100; 444; 6/23. Thompson, NM)(0230; 433; 6/29. Rudolph, AL)(0415; 343; 6/15. Wampler, VA)
- 9665 0800 EE, P.O. Box 691, (545; 6/15. Miller, CA)
- 9680 0850 EE ID, into RR; rel px, hymns, 0900\* (434; 7/4. T. Smith, CA)
- 9715 1220 EE, DX Party Line; (444; 6/8. McIntosh, PA)
- 9745 0929 EE, Science and the Supernatural, "Happiness Is..." magazine (to S. Pac.) (444; 6/16. Starr, GA)
- 9765 1220 SS, mx (444; 6/8. McIntosh, PA)
- 11745 1300 EE, Morning in the Mountains, weather report (454; 6/8. McIntosh, PA)
- 11840 0700 EE, Call of the Andes, Way to Life, Guidelines for Family Living, \*0700; 0838\*, //9665 to Europe (333' 6/16. A. Smith, UK)
- 11900 0630 EE, DX party line; (443; 5/28. S. Proom, UK)
- 11915 0525 EE, Bible discussion, rel mx; (433, 6/15. Bryan,CA)(0230; 444; 7/1. Fisher, MA)(0300; 544; 6/17. Schmucker, NE)
- 15115 1400 EE, nx, rel message, mx, "Guidelines", TC, (454; 6/13. T. Smith, FL) (1320; 555; 6/15. Miller, CA)
- 15125 0300 SS, "Control Central" to 0330 (probably a translation of the English px: "Master Control"?? Ed.) into Europe con Música (333; 7/1. Brookwell,CA) (0200; 454; 7/2-3, jammer; Maghakian, NY)
- 15390 0120 SS, OM, rel cmt; sermon; (454; 7/2. T. Smith, CA)
- 17755 2017 EE, DX Party Line, w/ "Que Pasa?" px (545; 6/8. Yohana, NJ)
- 17890 1652 EE, "Happiness is..." "Unshackled" "Shalom" ID; (322; 6/9. T. Smith, FL)
- 21480 2000 EE, On The Move, Rel. px; (353; 7/2. Zilmer, WI) (1930; 434; 7/3. Marable, ITALY)

GALÁPAGOS ISLANDS

- 4810 0304 LV de Galápagos, SS, slow choral 'ranchero' mx; YL vocal folk mx, w/ guitar tlk & ID in SS, orchestral tangos; (222; 6/14. Peck, NY)

GUYANA

- 5950 0845 GBS, EE, Asiatic mx, singing, TC "15 min. to 6" PSA about conserving water,

GUYANA - continued

messages, ID, "You are tuned to Action Radio - GBS"; tlk on gardening.  
Checked 3290, all I god was CW - (443; 7/12. Jones, MS)

PARAGUAY

6025 \*1000 R. Nacional, SS, anthem by chorus, ID, fqys; tlk (nx??) mx; (332; 7/5. Jones, MS)

PERU

4790 0030 R. Atlántida, SS, local SS pop mx, ads, Fanfare ID 0100: "Esta es R. Atlántida.", "Buenas noches Perú y el mundo." (333; 6/13. Hoffman, PA)  
(0520; 342; 7/1. Howell, CA)

4860 0640 R. Chinchaycocha, SS, OM w. lively LAM mx, much QRN (222; 6/25. Thompson, CA)

5959v 1232 R. Aruquipa; SS/Indian; OM ancw w/ light pop mx; ID @1230 w/ calls and ID, nx; (333; 6/29. McCurdy, CA)

5970 1210 R. El Sol; SS, mx, OM ancw; (222; 6/8. McIntosh, PA)

5980 0600 R. Panamericana, SS, pop mx; (444; 7/7. Cook, CA)(0629, continuous LAM pop mx -- Where were the ads? asks Peggy. Well, at 0629, or about 1:30 AM in Lima, who's interested in buying anything?? You don't say how long you stood on the fq., but I would guess that there might have been a few low key ads at 0630 which you might not even have noticed, since they might not have sounded "ad-like". Ed.)(Here we are, Pepsi ads at 0505, 322; 7/11. Jackson, OR)

6082 1056 R. Nacional, SS, "musica folklórica" (342; 6/17. Jones, MS)  
(2330; sx, f/o @2340; 342; 7/5. Hoffman, PA)

6115 1022 R. Unión, SS, wild and wooly Peruvian tunes & songs, "----Desde la capital --Puenos dias Perú --" wiped out by sudden s/on of LV del Llano in mid-px @1025. (453; 7/2. Jones, MS)

9530a 1110 R. La Crónica, SS, ID, ads, Peruvian mx; (443; 6/24. Jones, MS)

SURINAM - SRS

4850 0245 Dutch, Latin and American mx, EE vocals, tlk, EE ID @0304 (433; 6/27. Donly, SC)(0150; 354; 6/13. Stone, ONT)

VENEZUELA

3255 1225 LV del Tigre, SS, LAM mx; ad strong, DJ - Ramón Alloya (444; 7/5. McCurdy, CA)

4770 0135 R. Bolívar, SS, pop mx, ID in SS musical voice; (434; 7/5. Rakow, NJ)  
(453; 0200; 6/24. Heath, KY)(333; 6/18. Stone, ONT)(0015; 333; 6/18. Tannenwald, NY)(0414; "B.D., Venezuela" 454; 7/3. Webster, AL)  
(444; 7/1. Yohana, NJ)

4800 0350 R. Lara, SS, tlk by DJ, followed by mx; (544; 7/1. Yohana, NJ)(0030 333; 6/18. Tannenwald, NY)(0355; 433; 7/1. McMahon, RI)

4880 0357 R. Universo, SS, ID's, s/off (333; 6/25. Jones, CA)(0010; 434; 7/7. Koval, NJ)(0045; 333; 6/18. Tannenwald, NY)(ID: "R. Universo Venezuela" 0130; 454; 6/29. Webster, AL)(0213; 454; 6/30. Yohana, NJ)(544; 7/3. Lindsey, NJ)

4900 0100 R. Juventud, SS, popular mx, ads, ID; (333; 6/28. Tannenwald, NY)  
(0026; 444; 7/7. Koval, NJ)

4940 0947 R. Yaracuy, SS, folk mx, tlk; (444; 7/2. Webster, AL)("Música Romántica" px, ID's, 453; 7/4. Heath, KY (0225 time))

4970 0515 R. Rumbos, SS, OM, LAM pop mx; ID, QRN (242; 6/17. Thompson, CA)

4980 0342 Ecos del Torbes, SS, pop mx, (554; no date, Bryan, WA)(0245, full EE ID @0245 including location and frequencies - 444; 6/30. Osterman, OH)  
(0200; 444; 7/5. Thompson, NM)

4990 0235 R. Barquisimeto, SS, Venezuelan mx, vocals, guitar mx, ID's tlks (343; 7/5. Thompson, NM)(0350; 323; 6/25. Jones, CA)

5030 0231 R. Reloj Continente, SS, rock mx; (444; 6/30. Yohana, NJ)(ID: "R. Continente, La emisora informativa en música de Venezuela" \*0850, 454; 6/22. Heath, KY)

5040 0050 R. Maturín, SS, LAM pop & BeeGees mx; ID between each song; (333; 7/6. Novello, NY)

6170 \*1003 R. Nacional, SS, ID at close of chorus, px for farmers and early risers, some campo mx, tlk, roosters crowing, cows mooing (Here a chick, there a chick, everywhere a chick-chick, hi! Ed.)(343; 6/19. Jones, MS)

9660 0920 R. Rumbos, SS, mx, tlk, 4 bell tone ID's (343; 7/1. Monjure, LA)(0000, 353; 7/7. Cook, CA)(0020, 444; 6/2. Bryan, WA)

15400 2207 R. Nacional, EE/SS, tlks on Venezuela, mx, ID in SS/EE, strong QRM de VOA (312; 6/2. Keller, CA)

Hope it's not as hot where you are as where I am. Even the fridge is hot today --hi!

NORTH AND CENTRAL AMERICAANTIGUA -BBC Relay

6055 0200 SS, world nx, mx, cmt, ID's (434; 7/5. McCurdy, CA)  
 11775 1312 EE, tlk on Middle East, Letter from America, 1330\* (443; 7/2. Naylor, CA)  
 11945 0530 EE, language lesson, (555; 6/11. Harrington, CO)

DW Relay

6040 0130 EE, world nx; (444; 7/3. Fisher, MA)(555; 6/5. Worrel, ND)(554; 6/20. Miller, CA)  
 6085 0550\* GG, mx, IS, chimes; (454; 6/28. T. Smith, CA)(0210; 544; 7/5. McCurdy, CA)  
 9545 0547 EE, cmt; (543; 6/16. Somers, CA)  
 11865 \*2130 PP, tlk, nx to Brazil; (443; 7/2. Zilmer, WI)

BELIZE - Radio Belize

3285 0420 EE, OM/YL tlk, mx, ID, CW QRM (412; 6/28. Howell, CA)(Fq. change?? Ed.)  
 3300 0240 EE, rel. mx, solo singer; (433; 6/12. Ruggley, IL)

ANARC COUNTRY 1978 (Alias CANADA)

5960 0015 RCI, EE, Report on ANARC Convention by our own Al Brooks over DX Digest, Edition 2, also Glenn Hauser's DX Report (444; 7/24. Hansen, NY) (0410; 555; 7/1. Hook, FL)(555; 5/31. Schwartz, PA)(444; 7/2. Fisher, MA) (2300; 323; 6/16. Starr, GA)  
 6065 1155 Northern Service; Lang (Eskimo??); ID in EE, YL tlk; (444; 6/8. McIntosh, PA)  
 6070 0657 CFRX, EE, mx; (333; 6/22. Jones, CA)(0045; 454; 6/14. Worrel, ND) (222; 6/28. T. Smith, CA)  
 6150 0659 RCI, EE, YL s/off, sked; (333; 7/4. Hall, CA)  
 9590 2315 BBC Relay Sackville, EE, the World Today, Financial News; (555; 6/22. Fraser, MA)  
 9625 1520 Northern Service, EE, "Sunday Morning," segment on the "Bottom 30", the World's Worst pop records; (555; 6/18. Fraser, MA)(444; 6/17. Willis, PA)  
 11720 2255 RCI, EE, tlk, asking for reports, into FF; (534; 6/18. Miller, CA) (1550; 555; 6/28. Wengrzyn, MA)  
 11845 0200 RCI, EE, Mailbag show; (444; 6/19. Rudolph, AL)  
 11915 0615 RCI, EE, IS, ID, nx about Africa, etc. (434; 6/14. Blaize, ENGLAND)  
 15260 1925 RCI, EE, to Africa, DX Digest; (555; 6/25. Hrivnak, IL)  
 15330 1915 RCI, EE, Report on Petrol Canada, followed by report on the National Research Council, then ID (555; 6/9. Pyne, MD)  
 15440 0618 RCI, EE, ID's, fqs; nx; (444; 7/11. Hall, CA)  
 17780 2146 RCI, EE, economics, to Africa; (323; 6/21. Miller, CA)(1810; 343; 6/12. Pyne, MD)

COSTA RICA

4832 0447 R. Reloj, SS, pop mx, OM DJ; (353; 6/4. Bryan, WA)(0402, 444; 6/30. Yohana, NJ)(555; 6/23. Webster, AL)(0528; 232; 6/17. Thompson, CA) (0621; 323; 6/18. Jones, CA)(0529; 323; 6/29. Wheeler, KS)  
 6006 0540 R. Reloj, SS, folk mx; (444; 6/12. Tuggley, IL)  
 9645 1118 Faro del Caribe, SS, ID, easy listening mx; (443; 6/24. Jones, MS) (ID 0400, 332; 6/29. Donly, SC)  
 12012h 0545 R. Reloj, SS, 2 x 6006, pop mx; om ID's, TCs (423; 7/5. Hall, CA)

CUBA

6060 0207 RHC, Creole, nx, cmt on N & S Yemen (323; 7/5. McCurdy, CA)  
 7550 0315 R. Rebelde, SS, tlks criticizing Cuban armies in Africa. Comandante David urged amateurs not to answer to Communist ham contest. Interview (333; 6/2. Wong, FL)  
 9525 0635 RHC, EE, OM/YL nx; (444; 7/7. Hook, FL)(discussion of labor's benefits in U.S.S.R., 434; 7/4. T. Smith, CA)  
 9550 1250 RHC, SS, mx, YL/OM ancra; (444; 6/8. McIntosh, PA)  
 9770 1230 RHC, SS, ID in SS, mx; (343; 6/8. McIntosh, PA)  
 11725 0505 RHC, EE, //11760, Latin American Songs px, QRM; (322, 6/1. McIntosh, PA) (0230; 322; 6/13. Schmucker, NE)  
 11760 0445 RHC, EE, (545; 6/11. Pokatiloff, IL)  
 11925 0300 RHC, EE, soft mx, then tlk on Vietnam, (555; 6/30. Hook, FL)(0420; 344; 6/15. Wampler, VA)  
 11930 0325 RHC, EE, Art & Life in the Revolution, (555; 6/10. Hrivnak, IL)  
 11970 0550 RHC, SS, OM/YL giving commentary on Havana; (444; 6/1. McIntosh, PA) (Fragmentos del discurso del Primer Secretario... (Fidel) 545; 7/11. Duran, NJ)  
 15230 0120 RHC, SS, noticias, voices of socialism (444; 6/15. Stone, ONT)  
 17850 2015 RHC, EE, world nx, cmt on Vietnam, (433; 7/3. Willis, PA)

CUBA - continued

17855 2035 RHC, EE, Land of Music px for Europe; (444; 6/25. Stone, ONT)  
17885 2115 RHC, EE, \*2030, nx; 2135\* (232; 6/24. Smith, UK)

DOMINICAN REPUBLIC

Just a fill-in on Radio Clarin's situation -- (taken from various sources, including, I believe, Glenn Hauser and Sweden Calling DXers). Apparently, the radio station backed President Balaguer, who, as you know, lost the election to a leftist candidate. R. Clarin had been supporting their international service with the revenues from their franchise to report the national lottery winning numbers on Sunday afternoons (when you hear that man saying - nueva mil, seiscientos, setenta y seis and the other man saying noventa mil pesos!!, you know you've stumbled on the national lottery from the D.R.). They are anticipating that this franchise will be taken away in spite, and therefore there will be a retrenchment or even a cutting-out of the International Service. They at the moment don't even have enough money to answer reception reports (so if you haven't gotten your QSL, don't count on it!!).

4930 0115 R. Mil, SS, pop mx, ID; (323; 6/19. Tannenwald, NY)  
5967v 0403 RTV Dominicana, SS, light pop mx, OM anc; ID @0405. (344; 6/13. McCurdy, CA)  
5970 \*0924 RTV Dominicana, SS, piano chorts IS, ID, fqys, calls of various stations & cities in net, (443; 6/21. Jones, MS)  
9505 2358 RTV Dominicana, SS, ID, many ads, mx, tlk; (433; 7/6. Zilmer, WI)(2330; bassy audio; 454; 6/26. Novello, NY)(434; 6/28. MacCollum, IN)(333; 6/6. Onken, IL)  
11700 0300 R. Clarin, SS, pop mx, EE/SS (545; 6/12. Bryan, WA)(meringue music, 434; 6/2. Wheeler, KS)(0550; 433; 5/24. Del Rio, CA)(Plug for ANARC Convention in Montreal, 343; 6/16. Matwiejczyk, MI) (232; 6/17. Dawson, CA)

GRENADA - R. Grenada

15105t 2035 EE, Anniversary wishes, lively choral pop mx, "You Light Up My Life", demolished by severe QRN @2055. (433; 6/9. Peck, NY)

GUATEMALA

3300 0305 R. Cultural, EE, Back to the Bible; (322; 6/10. Stephenson, CA)(0215; SS, mx, 444; 6/11. Ruggley, IL)(433; 6/25. Jones, CA)  
4835 1206 R. Tezulutan, SS, OM W/ tlk and plenty of marimba mx; (333; 7/6. Blaize, LA) (0146; 423; 6/21. Jones, MS)  
6180 1200 R. Nacional, SS, OM, marimba mx; (443; 6/19. George, TX)(0530; 323; 7/8. Jones, CA)

MEXICO

6105 1045 Su Pantera, SS, pop mx, some EE records; (342; 7/5. Zilmer, WI)  
6115 1528 R. Universidad de Sonora, SS, YL w/ beautiful folkloric mx, ID, tlk (353 7/1. Thompson, CA)(1635; 454; 7/4. Thompson, NM)(2300; 252; 7/6. Cook, CA)(2330; 333; 7/9. Tacoma, CA)(0205; 433; 7/9. Jones, CA)  
15175 0243 LV de la America Latina; SS, tx, (322; 6/21. Jones, CA)(Cadena de XEW; 0134; 333; 6/25. Jones, MS)(1800; 545; 6/20. Thompson, CA)  
15385 0312 R. Mexico, SS, world nx; (323; 7/4. Jones, CA)(2355; mx, w/ het; 333; 6/28. MacCollum, IN)(2330; 6/5. Shimizu, CA)(10 minute s/on, sked, etc. Stephenson, CA)(0335; 544; 6/22. Hrivnak, IL)

NETHERLANDS ANTILLES - R. Nederland Relay

6165 0544 EE, OM nx; (454; 6/19. T. Smith, CA)(0601, 544; 6/20. Thompson, CA) (0310; 555; 6/16/78 Matwiejczyk, MI)(0130; 333; 6/30. Rudolph, AL)  
9590 0325 ??; 0325\*, (444; 7/11. Dennis, IN) (Happy Station Live on cable, 0236, \*0236; 454; 7/3. Harada, HI)  
9715 0530 EE, OM nx; (454; 6/19. T. Smith, CA)(0730; 454; 7/2. Harada, HI)  
15220 2200 Dutch, mx, ID's (544; 7/4. Mappin, WA)  
17810 2035 EE, Happy Station; (343; 6/11. Blaize, ENGLAND)  
21640 \*2030 EE/SS, Happy Station px; (454; 7/2. Zilmer, WI)(142; 6/11. Blaize, ENGLAND)

Trans World Radio

9570 0725 PP, tlk, IS, ID; (544; 6/26. Miller, CA)  
11810 1205 EE, newsbreak, ID, Gospel px; (433; 7/5. Blaize, LA)  
11925 0100 EE, Radio Today, nx, mx, rel px; (4331 7/17. Ashabraner, AR)(0120; 444; 7/7. Koval, NJ)(423; 5/17. Stapleton, TX)(544; 6/29. Miller, CA)  
15270 \*2156 EE/FF, Celeste IS, ID, mx, rel px; in FF; (333; 5/24. Blaize, ENGLAND)  
15415 \*0145 SS, OM/YL amnts, easy listening mx; (454; 7/2. T. Smith, CA)  
15445 0030 PP, OM, rel tlk; (333; 7/1. Wheeler, KS)

NICARAGUA

2200h 0240 LV de la Victoria, SS, pop mx, 2 x 1100 (343; 6/11. Ruggley, IL)

NICARAGUA - continued

6120 1111 R. Atlántica, SS, YL ID's, ads, LA mx; (332; 7/7. Hall, CA)

UNITED STATES OF AMERICA

2800 0355 UNID, SS, OM/YL tlk, MW harmonic??, (442; 6/12. Howell, CA)  
 5850 0359 Voice of the Voyager, EE, px of mx, tlk, much said about reception call from Newcastle, ENGLAND (242; 6/17. 0530\* Donly, SC)(\*0358, IS, Queen song, f/out; 322; 7/2. Koval, NJ)(same format, --; 6/11. Thibodeaux, LA) (323; 6/18. Peters, KY)(and test on 11700 @0530, but not there -- 323; 7/9. Pettit, IA)(Mentioned Maghakian and Peck; 353; 6/11. Peck, NY) (screams, yell, rock mx; named QSL'ed people; 222; 6/10. Buhagiar, ONT)

5975 0202 WYFR, EE, "Sound of the New Life" (545; 6/16. Starr, CA)  
 5985 0150 WYFRm EE, health tips, UPI nx; (544; 6/22. Stone, ONT)  
 5995 0530 VOA-Greenville, EE, nx, Breakfast Show; (434; 7/6. T. Smith, CA)  
 6020 0620 VOA, Greenville, FF, mx, OM nx @0630, (353; 6/28. T. Smith, CA)  
 6030 0535 AFRTS, EE, ABC nx, sked @0535, (444; 7/6. T. Smith, CA)(0220; 544; 6/17. Schmucker, NE)

6055 0544 UN Radio, EE, nx on disarmament talks; (333; 6/3. Keller, CA)  
 6125 0530 VOA, Dixon; Czech, OM armt: "VOA Broadcasting to Czechoslovakia", YL/OM tlks, (454; 6/28. T. Smith, CA)

6420 0406 Pirate, no tlk; all pop/rock mx, no armts; (534; 7/1. Howell, CA) (0100-0830, usually around 0500, 444-555 SIO, lots of album pop mx, never voice armts. Located, Southern CA?? (7/9. Bixby, CA))(7/12; 454; Jackson, OR)

6873 0305 VOA, RR, world nx, ID, LSB, (555; 7/5. McMahon, RI)(This is a feeder, and as such it should be reported to the Utility Column. Reason?? It is not intended for the general public, but only for the distant transmitter which will rebroadcast it over its own facilities. Ed.)

7080 0115 R. Abdala, SS, Electronic organ IS, tlk in SS by YL, poor mod., Ham QRM; (222; 6/8. Peck, NY)

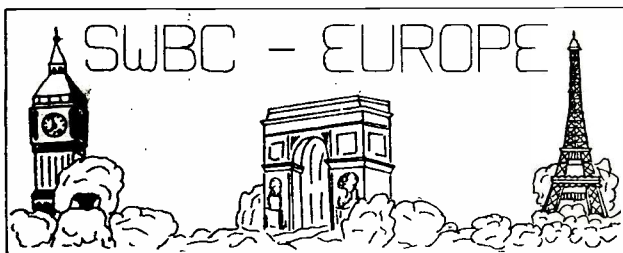
7770 0744 VOA Feeder, Bethany, OH; AM, GG, ID in EE, QRM de Peking same fq; (322; 7/4. Brookwell, CA)

9530 1250 KGEI, RR, ID in EE, 1300\*, to Asia; (454; 6/8. McIntosh, PA)  
 9545 1425 VOA, CG, px content unknown; (333; 6/16. Gaede, CA)  
 9555 0848 KGEI, SS, class mx, easy listening (555; 6/19. Miller, CA)  
 9580 1030 KGEI, IX px in EE followed by nx headlines; (222; 6/12. Kaufman, NY)  
 9620 0550 UN Radio, GG, cmt, mx; (543; 6/16. Somers, CA)  
 9635 0428 VOA Greenville, EE, ID, next px in Czech, 0430; (545; 7/5. Mappin, WA)  
 9670 0400 VOA, Bulgarian, tlk (444; 7/2. Monjure, LA)  
 9685 0738 AFRTS, EE, OM nx feeders; (332; 7/5. Hall, CA)  
 9690 0350 WYFRm SS, YL, ID, Bible reading; (544; 7/2. Monjure, LA)  
 9700 0850 AFRTS, Dixon, EE, tlks, TC of WWV, wld nx; (554; 6/20. Miller, CA)  
 11790 1708 AFRTS, EE, Chi. vs. San Diego, (555; 6/11. T. Smith, FL)  
 11805 0738 AFRTS, Dixon; EE, network nx; (454; 7/9. T. Smith, CA)  
 11805 0855 WYFR, EE, nx, rel px; mx; (333; 6/12. T. Smith, FL)  
 13865 0031 VOA Feeder, EE, Bkfst Show, SSB to ISB, (333; 7/5. Brookwell, CA)  
 15110 0625 AFRTS, EE, relay of WWV, Listen Closely, (454; 6/18. Monjure, LA)  
 15135 0015 WYFR, SS, organ mx, Momentos Musicales, (444; 6/2. Stone, ONT)  
 15145 0155 WINB, EE, rel tlk, on Israel, ID, Mx; (554; 6/26. Miller, CA) (0100; 555. 6/21. Novello, NC)

15160 2338 WYFR, SS, OM rel px; (444; 7/10. Hall, CA)  
 15185 2202 WINB, EE, "Through the Bible" px; (544; 6/27. Thompson, CA) (2245; 333; 7/4. Hall, CA)(132; 7/4. Sulak, PA. John asks why it is so hard to get WINB. Since it is beamed out towards Europe, the sky wave misses us on the East Coast. Unless one is able to get the ground wave, WINB is practically impossible here. West Coast gets the back of the beam. Ed.)

15380 0022 KGEI, SS, mx; (455; 6/11. Yohana, NJ)  
 15330 0545 AFRTS, EE, tapes; (444; 7/4. T. Smith, CA)(454; 6/11. T. Smith, FL) CA)  
 15395 2345 WYFR, SS/EE, cmt in SS, 2352, Bible reading in Special Eng (555; 7/3. Smith)  
 15440 2005 WYFR, EE, rel mx; (454; 6/15. Wampler, VA)(554; 6/22. Hill, VA)  
 15450 1903 WYFR, GG, choral mx, ID 1905; (555; 6/9. Pyne, MD)  
 17765 0012 AFRTS, EE, net nx; (353; 7/4. T. Smith, CA)(554; 6/17. Miller, CA)  
 17780 0016 VOA, EE, Bkfst Show, (333; 7/11. Hall, CA)  
 17845 1955 WYFR, EE, OM prayer, GG ID 1958, ID EE 2000 (222; 6/12. Pyne, MD)  
 17855 1200 VOA, RR, IS, 1200-1400; (444; 6/26. Smith, UK)  
 19730 2129 VOA, Polish, ID, nx (prob. feeder)(343; 6/13. Pyne, MD)(Greenville)  
 21460 2205 VOA, EE, nx, Special EE; (454; 7/1. T. Smith, CA)(353; 7/3. Earhart, PA)  
 21535 2145 VOA, RR, nx; (454; 7/1. T. Smith, CA)  
 21590 1630 VOA, EE, Woody Herman Concert from Poland; (353; 6/17. Zilmer, WI)  
 21610 2330 VOA, EE, rock mx; (555; 7/2. Hrivnak, IL)(Dixon, 353; 7/1. T. Smith, CA)

WHEW! MADE IT!!! SEE YOU NEXT MONTH -- 73's FROM YONKERS. Chris Hansen -ANARC-1st(4)



**SWBC - EUROPE**

**EDITOR**  
 TIM McCURDY  
 271 Starlight Crest  
 LaCanada CA 91011

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

ALL TIMES IN GMT & FREQ'S IN KHZ

ALBANIA

R. Tirana

- 7065 0030 EE; tx on the Marxist youth (222 6/13 Wheller-KS)(2215 544 Pimblett-GB)  
 (0000 444 Mellinger-NJ)  
 7300 0255\* EE; ID sign-off (444 6/16 Matwiejczyk-MI)(Sulak-PA)(0330 333 Dennis-IN)  
 11985 0710 EE; y1 presenting commentary (121 6/28 McIntosh-PA) How did you get any  
 details with that SIO code? ed

R. Peking Relay

- 7120 0325 EE; anti Vietnamese tx, ID and commentary on China's economy (444 7/5  
 Famularo-NJ)

AUSTRIA

- 9650 0317 ORF; SS lite Latin mx played by brass band ID's by yl (333 6/27 Donly-SC)  
 9770 0130 ORF; EE nx sx commentary about UN activities in Austria (454 6/7. Smith-fl)  
 (Worrel-ND)(Fraser-MA)(433 1200 Pimblett-GB)(Stone-ONT)(Smith-GB)  
 15195 2057 ORF; GG mx and nx (333 6/23 Maghakian-NY)  
 15335 1849 ORF; EE opera mx ID's IS sign-off 1855\* (333 6/23 Maghakian-NY)  
 17840 \*0400 ORF; GG IS freq's given nx clear and strong (354 6/16 Novello-NY)(Kaufman)

BELGIUM

- 15190 0629 BRT; mx and nx (333 6/17 Keller-CA)

BULGARIA

- 9770 \*1930 R. Sofia; EE sign-on nx (433 6/20 Pimblett-GB)(Smith-FL)  
 11750 2146 R. Sofia; EE "Friday to Friday" program w/ DX program (554 7/28 Carrier-FL)  
 (0431 444 Smith-FL)(Hogan-NC)(Stickle-NY)  
 15135 2130 R. Sofia; EE nx commentary on nuclear conflicts (444 6/29 Gelfand-NY)  
 (Pyne-MD)(Smith-FL)(Barhart-PA)(Garfield-MA)(Zilmer-WI)(Wampler-VA)  
 15330 0000 R. Sofia; EE nx tx (444 6/27 Prath-FL)(Wampler-VA)(Garfield-MA)(Fraser-MA)  
 (Peck-NY)(MacCollum-IN)(Rudolph-AL)(Brodsky-NY)(Stone-ONT)

CZECHOSLAVAKIA

- 7345 0300 R. Prague; EE "Sunday Magazine of the air" (333 6/19 Rudolph-AL)(433 6/26  
 Mayer-Martin-CA)(Thomas-NG)(MacCollum-IN)(Wong-FL)  
 11990 0105 R. Prague; EE nx tx on Czechoslovakian coin mints (555 5/29 Worrel-ND)  
 (444 0340 Pokatiloff-IL)(Trueblood-WI)(Maghakian-NY)(Shimizu-CA)(Bonner-JH)  
 (Brookwell-CA)(Rudolph-AL)(McCurdy-CA)(Brodsky-NY)(Wampler-VA)(Stone-ONT)

DENMARK

- 15165 1100 R. Denmark; Danish EE IS ID's (444 5/17 Rakow-NJ)(1200 222 Kaufman-NY)  
 (1302 333 Yacono-NY)(Fraser-MA)

FINLAND

- 15105 1310 R. Finland; EE tx about Finland's government (223 6/15 Miller-CA)(Brodsky-NY)  
 (433 Bunagiar-ONT)(Bycura-PA)(Schwartz-FA)(Hodson-IN)  
 15265 \*1300 R. Finland; EE "Sunday Best" with Eddy Hawkins sign-off 1430 (444 5/14  
 Smith-GB)(1926 343 Donly-SC)(Buhagiar-ONT)(2300 122 Cook-CA)(Barhart-PA)  
 (Peck-NY)(Fraser-MA)(Getzel-NY)

FRANCE

- 11705 0516 RFI; FF tx by om (322 6/24 Mayer-Martin-CA)(Smith-CA)  
 11735 0559 RFI; FF ID on tx (433 5/27 Watanabe-JFH)(Smith-CA)  
 15135 0505 RFI; FF yl DJ with French rock records super strong signal (555 6/23 Smith-  
 CA)

FRANCE cont

15300 1521 RFI; FF om mx (353 7/9 Smith-CA)(Wampler-VA)(Hodson-MN)  
 15360 2030 RFI; FF om ID's nx to 2044 pop-rock mx (444 7/3 Thompson-CA)  
 17720 1620 RFI; FF nx sx mx VOA QRM (333 6/21 Miller-CA)  
 17850 1620 RFI; EE African nx editorials mx and sx World Cup Soccer report (344 6/12 Famularo-NJ)  
 21580 1340 RFI; FF conversation between 2 om (131 6/29 McIntosh-PA)  
 21620 1605 RFI; EE nx but mostly blanked out (222 7/6 Cook-CA)

GERMANY, DEMOCRATIC REPUBLIC

6040 \*0000 RFI; SS s-on w/ nx cnt (444 6/11 Prath-FL)  
 9730 0100 RFI; EE nx mx commentary on disarmament "Good Morning Sunshine" mx (343 7/3 Schwartz-PA)(0200 334 Wong-FL)(Yacono-NY)(Trueblood-WI)  
 11890 0345 RFI; EE ID commentary on Communists living in West Germany (343 6/24 Wampler-VA)(Miller-CA)(Famularo-NJ)(Smith-CA)  
 11970 0334 RFI; EE nx ID at 0336 QRM de Cuba but RFI understandable (343 7/1 Earhart-PA)  
 21540 \*1357 RFI; EE IS nx tx ID's (343 5/26 Watanabe-JPN)(Naylor-CA)

GERMANY, FEDERAL REPUBLICDEUTSCHE WELLE

9650 0955 EE "Panorama" prgm (444 6/20 Pimblett-GB)  
 11765 0510 GG dance mx ID's at 0515 (555 6/1 McIntosh-PA)(2300 343 Dawson-CA)  
 11905 1930 EE nx cnt to Africa (333 7/4 Zilmer-WI)  
 15150 1330 GG IS ID wld nx (444 6/28 Wampler-VA)  
 15245 1330 GG wld nx (333 7/3 Willis-PA)  
 15275 1420 GG yl summer mx followed by nx (222 7/4 Willis-PA)  
 17875 1045 EE nx (333 6/19 Zilmer-WI)  
 21600 1230 EE religious prgm (333 6/17 Garfield-MA)  
 21665 1200 Polish mx tx on communism and Africa by om (322 6/7 Garfield-MA)

RADIO FREE EUROPE

21745 1930 Bulgarian comments on wld situation mentions on Washington relations with Cuba and German Chancellor Brandt, relations with Bulgaria (345 6/9 6/9 Pyne-MD)

SUDWESTFUNK

7165 0922 GG ads lite mx (343 6/20 Pimblett-GB)

GREECE

7215 0351 VOG; Greek 1000hz tone IS National Anthem (332 6/26 Donly-SC)  
 9530 1920 VOG; EE nx into FF at 1930 (433 6/30 Pimblett-GB)  
 9655 0200 VOG; Greek IS sign-on nx by om (333 6/21 Maghakian-NY)  
 9760 0000 VOG; Greek nx into EE at 0015 FF at 0030 then nx show (444 6/16 Buhagiar-ONT)(Prath-FL)(Bryan-WA)(0220 544 Worrel-ND)(Earhart-PA)  
 11730 0000 VOG; Greek IS National Anthem sign-on nx (444 6/25 Donly-SC)(Worrel-ND)(Stone-ONT)  
 11925 0400 VOG; EE symphony mx om ID nx (332 6/26 Bryan-CA)  
 17830 1200 VOG; Greek nx EE at 1215 then mx prgm (444 6/21 Buhagiar-ONT)

HUNGARY

7155 1515 R. Budapest; EE DX show every Tuesday and Friday GMT. (333 6/16 Smith-GB)  
 9585 \*0200 R. Budapest; EE nx tx about Hungarian theater IS sign-off @ 0230 (444 6/8 Smith-FL)(Novello-NY)  
 11910 \*0200 R. Budapest; EE IS nx by om (544 6/14 Worrel-ND)(443 Shimizu-CA)(Bryan-CA)(Pimblett-ALB)(\*0300 322 Hodson-MN)(Dennis-IN)(Wampler-VA)  
 15220 \*0100 R. Budapest; SS IS yl commentary (534 6/15 Hrivnak-IL)  
 15225 \*0200 R. Budapest; EE wld nx about a meeting in Bucharest (444 6/27 Stone-ONT)(Bonner-OH)(Somers-CA)(Gelfand-NY)(Stephenson-CA)(Greenier-CA)(Getzel-NY)(Peck-NY)(0338 444 Hall-CA)(0400 333 Rudolph-AL)  
 17710 0315 R. Budapest; EE tx on car production and drivers in Hungary (433 6/29 MacCollum-IN)  
 17715 1030 R. Budapest; EE nx info commentary (332 6/20 Zilmer-WI)  
 17780 2100 R. Budapest; EE IS sign-on nx by om (443 6/13 Maghakian-NY)

ICELAND

12175 1201 V. of Iceland; EE/Icelandic EE ID EE nx Icelandic program intended for Icelandic seamen (433 7/4 Mayer-Martin-CA) Good catch Jim and Bob. ed

ITALY

11810 0100 RAI; EE IS ID nx (423 7/6 Smith-MA) I wish that RAI should stay on one freq and stop moving around. ed  
 11905 0530 RAI; AA QRM de DW opera mx (311 6/1 McIntosh-PA)

ITALY cont

15245a 0105 RAI; the mixing of the EE news //11810 and 15315 with SS // 15385 (343 7/6 Smith-MA)  
 15315 0310 RAI; Italian om commentary mx (534 6/22 Hrivnak-IL)(0108 544 Hogan-NC) (Pokatlloff-IL)(Fraser-MA)(Hollenbeck-CA)(McCurdy-CA)(Yacono-NY)(Hodson-MN) (Stone-ONT)  
 15400 1830 RAI; Italian nx (222 6/28 Garfield-MA)  
 17770 0110 RAI; SS station ID prgm for South America (433 6/27 Stone-ONT)  
 21560 0440 RAI; Italian nx ex lite mx (353 6/16 Maghaidian-NY)(Peck-NY)

LUXEMBOURG

6090 0050 R. Luxembourg; EE ID "R. Station 208" pop mx show (333 7/10 De Koyer-NJ) (0100 323 Trueblood-WI)(444 0928 Pimblett-GB)(555 1900 Proom-GB)  
 15350 0100 R. Luxembourg; FF rock mx (333 6/24 Kaufman-NY)(2230 534 Hrivnak-IL)

MALTA

6100 0130 DW; EE wld nx current affairs magazine (454 6/20 Willis-PA)  
 9565 0128 DW; EE ID IS freq's orch mx request for reports (343 7/8 Thompson-NM)  
 21600 1414 DW; Amharic IS and ID in German followed by nx (232 6/10 Blaize-GB)

NETHERLANDS

5955 \*0930 R. Nederland; EE newslane, "His and Hers" (444 5/23 Smith-GB)(\*1330 6/15 Proom-GB)  
 6045 0947 R. Nederland; EE "Newslane" "His and Hers" //5955 (444 6/20 Pimblett-GB)  
 7210 0915 R. Nederland; DD nx freq's sign-off 0920 (444 6/20 Pimblett-GB)  
 9770 0754 R. Nederland; EE "Triple S prgm" with DJ Graham Gill anncr followed by Dutch by Radio (353 7/1 Monjure-LA)  
 15220 2040 R. Nederland; "Happy Station" (322 6/11 Blaize-GB)  
 17700 0710 R. Nederland; EE om giving nx (111 6/27 Mcintosh-PA)(Zilmer-WI)

NORWAY

9610 0210 R. Norway; EE "Norway this Week" tx about car clubs liberal arts college (434 6/12 Thibodeaux-LA)(McMahon-RI)(Woltman-WI)(Bonner-OH)  
 11860 0425 R. Norway; Norwegian mx tx ID sign-off 0430 (444 6/3 Shimizu-CA)(0123 6/9 Worrel-ND)(0053 433 Hall-CA)(Hollenbeck-CA)(Miller-GA)  
 11890 0414 R. Norway; EE Norwegian mx om ID commentary (433 6/26 Bryan-CA)  
 15175 1602 R. Norway; EE "Norway this Week" with tx about the oil companies (434 6/18 Miller-CA)(Hodson-MN)(Buhagiar-ONT)(2055 454 Donly-SC)  
 17795 \*2100 R. Norway; Norwegian & EE ID's nx (444 6/14 Pimblett-ALB)(Smith-FL)

POLAND

6095 0200 Polskie Radio; EE ID anniversary of cooperative movement (533 7/3 Lindsey-NJ)  
 9525 0203 Polskie Radio; EE tx on the first Polish cosmonaut (544 6/29 Yohana-NJ)  
 15120 0200 Polskie Radio; EE nx mx African affairs economics (333 6/4 Schwartz-PA) (Gelfand-NY)(Matwiejczyk-MI)(Donly-SC)(0312 433 Peck-NY)(Getzel-NY)

PORTUGAL

6025 0200 R. Portugal; Italian PP mx wld nx (444 6/6 Stone-ONT)(0500 EE 333 Smith-CA)  
 11935 0501 R. Portugal; EE ID by om/yl nx (433 6/27 Mayer-Martin-CA)(Wong-FL)(Bryan-WA) (Woltman-WI)(Grenier-CA)(Hollenbeck-CA)(Famularo-NJ)(Somers-CA)(Rounds-CA) (Smith-FL)(McCurdy-CA)  
 17880 1815 R. Portugal; EE commentary on Portuguese history (333 6/21 Miller-CA)  
 21700 1537 R. Portugal; PP excited anncr describing a soccer game World Championships on doing game sounded like the one I heard on a Brazilian (333 6/17 Earhart-PA) Ken, I think the games are probably on a network and I wouldn't be surprised if it was the same guy since it was the champions ed.

RADIO FREE EUROPE

17805 1850 Polish; tx about cars by yl then German pop song tx about Georgian dissident Gamsakhurdia ID's jammed (423 6/29 Peck-NY)

RADIO JAPAN TEST

9670 \*2200 EE; ID General Service nx commentary in EE repeat in JJ at 2215 (211 6/25 Lobdell-MA)(Zilmer-WI)(Smith-MA)(Hoffman-PA)(Donly-SC)

IBRA

9670 2045 EE; om preaching w/ address sign-off 2100 (343 7/6 Famularo-NJ)

ROMANIA

9570 0140 R. Bucharest; EE tx on economy (343 6/11 Prath-FL)(Worrel-ND)(0215 333 Kenyon-PA)  
 9690 2113 R. Bucharest; EE tx by om on relations between Romania and :anpuchea (222 6/15 Yacono-NY)



ROMANIA cont.

11940 0203 R. Bucharest; EE good signal but only fair modulation with QFM from several stations on/y1 discussing some subject I couldn't follow (433 6/12 Earhart-PA)(1950 333 Zilmer-WI)(2100 323 7/3 Fisher-MA) (2200 232 Prath-FL)

SPAIN

6065 0118 Spanish Foreign Radio; EE interview ID (433 6/18 Stickle-NY)  
 9360 0114 Spanish Foreign Radio; SS ID mx (555 7/3 Lindsey-NJ)  
 9580 2200 Spanish Foreign Radio; EE ID nx commentary tx about marriage customs mx //11840 (333 6/24 Zilmer-WI)  
 9630 2259 Spanish Foreign Radio; SS interview mx (544 6/20 Stickle-NY)(Thompson-NM)  
 11775 0002 Spanish Foreign Radio; SS nx mx interviews (322 6/24 Stickle-NY)  
 11815 2215 Spanish Foreign Radio; SS symphony mx on ID speech (6/18 Bryan-CA)  
 11840 2200 Spanish Foreign Radio; ID nx commentary (433 6/24 Zilmer-WI)  
 11880 0110 Spanish Foreign Radio; EE "Panorama" ID's freq's vocals orch mx nx (444 7/8 Thompson-NM)(Schmucker-NE)(Miller-CA)(Worrel-ND)(Wampler-VA) (Stickle-NY)(Jechenthal-IL)(Miller-CA)(Smith-CA) t 21  
 11945 0013 Spanish Foreign Radio; SS interview of "San Juan" mx (544 6/24 Stickle-NY) (Smith-FL)  
 15185 1620 Spanish Foreign Radio; SS folk type songs & tx (343 7/2 Maghaidan-NY) (1825 454 Bryan-WA)

SWEDEN

6065 1600 R. Sweden; EE nx "Panorama" Shortwave Corner with George Wood (333 6/22 Smith-GB)  
 9695 0230 R. Sweden; EE commentary on Iceland's elections (343 6/27 Kenyon-PA) (Yacono-NY)(Grenier-CA)(Earhart-PA)(McCurdy-CA)  
 11705 0245 R. Sweden; EE tx about whales smoking in taxis (333 6/16 Matwiejczyk-MI) (Woltman-WI)(Shimizu-CA)(Earhart-PA)  
 11905 0030 R. Sweden; EE ID yl/om nx of Sweden Mailbag (333 6/19 Hodson-MN)  
 15205 2301 R. Sweden; Echo and Mailbag (333 7/2 Grenier-CA)(Famularo-NJ)(Wampler-VA) (Pimblett-ALB)(Carrier-FL)(Yohana-NJ)(Rounds-CA)(Fraser-MA)(McCurdy-CA)  
 15245 1730 R. Sweden; IS ID nx by om (333 6/28 Mayer-Martin-CA) EE lang sorry jim ed.  
 17790 1400 R. Sweden; EE "Saturday Show" interviews mx satire (444 6/3 Mellinger-NJ) (Gelfand-NY)  
 17890 1433 R. Sweden; Swedish nx report (232 7/9 Grenier-CA)  
 21555 1401 R. Sweden; Swedish SSB test transmission to Africa (443 7/2 Naylor-CA)

SWITZERLAND

9725 0215 SBC; EE mx then program in SS (444 6/16 Woltman-WI)(Dawson-CA)(Bryan-WA) (Thompson-CA)  
 11715 0145 SBC; EE nx //9725 (444 6/27 Pokatiloff-IL)(Stephenson-CA)(Bonner-OH) (Grenier-CA)(Worrel-ND)(Earhart-PA)(Dawson-CA)  
 11780 \*0700 SBC; EE TC ID freq's wld nx letters from listeners (454 7/1 Carrier-FL)  
 15140 1414 SBC; FF sign-on freq's to North, Central, and South America (433 6/17 Buhagiar-ONT)  
 15305 0200 SBC; EE Swiss wld problems (??? ? Stephenson-CA)(Gelfand-NY)(Grenier-CA) (Pimblett-GB)(0145 343 Rudolph-AL)(Watanabe-JPN)(Yacono-NY)(Hodson-MN)  
 15350 0145 SBC; EE mx TC (444 6/19 Woltman-WI)  
 15430 1102 SBC; EE nx about Israel and Egypt and meeting of the Arab League (343 7/1 Getzel-NY)  
 17830 2252 SBC; PP IS ID "Dateline" (333 6/27 Mayer-Martin)  
 21570 \*1530 SBC; sign-on nx "This Week in Switzerland" (555 7/1 Carrier-FL)(Zilmer-WI) (Naylor-CA)(Hogan-NC)

UNITED KINGDOM

5975 0334 BBC; EE Radio Play (444 7/11 Dennis-IN)(Smith-GB)(Starr-CA)  
 9580 0327 BBC; EE comments on US and Japan's economics relations (344 7/11 Dennis-IN) (Bryan-CA)  
 11750 0719 BBC; EE discussions of American racial problems (333 7/9 Smith-CA) (Brodsky-NY)(Bryan-CA)(McIntosh-PA)  
 11945 0530 BBC; "English by Radio" to Africa (443 6/28 Mayer-Martin-CA)  
 12095 1325 BBC; tx on new arms race (222 6/8 McIntosh-PA)  
 15070 0521 BBC; on amncr wld Service (555 6/13 Smith-CA)(1921 545 Pyne-MD)(Brodsky-NY)(Thompson-NM)(Bryan-CA)(2300 Rounds-CA)(1525 333 Pimblett-GB)  
 15420 2138 BBC; EE classical mx (353 6/21 Bryan-CA)  
 17830 2020 BBC; EE nx on Malta, Chad, and Libya (333 7/3 Willis-PA)

USSR starts on the next page

UNION OF SOVIET SOCIALIST REPUBLICS

R. KIEV

12030 0305 EE; nx "Mailbag" (455 6/10 Worrel-ND)  
12060 0310 EE; commentary on Jewish Zionists (434 6/29 Polatiloff-IL)(Bonner-OH)  
15425 0327 EE; yl listing freq's sign-off into RR at 0330 (534 6/23 Hrivnak-IL)

MAYAK

9700 0928 RR; mx IS at 0930 yl w/ nx mx (353 7/4 Smith-CA)(McCurdy-CA)  
15505 0635 RR; 2 om w/ commentary semi-classical RR mx IS at 0659 (454 7/4 Smith-CA)  
15540 0715 RR; om/yl w/ discussion and mx // 15505 (252 7/4 Smith-CA)  
17720 0025 RR; yl amnts mx ID in RR sx (453 7/4 Smith-CA)

R. Moscow

9680 0143 EE; "Moscow Mailbag" mx ID nx (332 6/2 Smith-FL)(0200 433 Willis-PA)  
(Dalum-IN)  
11720 0102 EE; nx read by yl (444 6/15 Brodsky-NY)(Dennis-IN)(Pokatiloff-IL)(Smith-FL)  
(Smith-CA)  
11770 0045 EE; om tx on industry // 11730 (332 7/11 Hall-CA)(Maghakian-NY)  
11825 2143 EE; om/yl w/ "Roundabout the Soviet Union" mx (444 5/24 Blaize-GB)  
11850 2300 EE; nx tx about Soviet spacecraft mission (544 6/28 Brodsky-NY)  
11995 2150 EE; mx 2 om having discussion about production and workers (333 5/24 Blaize-GB)(1220 332 Prath-FL)  
12030 0100 EE; nx Moscow Review commentary on the Orthodox Church (454 6/4 Smith-FL)  
(353 6/27 Mellinger-NJ)  
12050 0410 EE; ID nx correspondence report on S. Africa (252 6/25 Wampler-VA)  
12060 2300 EE; nx cmt mx sx (443 6/24 Zilmer-WI)(Fraser-MA)(MacCollum-IN)(Jechenthal-IL) This is R. Vilnius not Radio Moscow. They slipped into the Moscow file.  
15170 0345 SS; yl w/ nx (444 7/11 Hall-CA)  
15465 \*0400 EE; IS ID nx (454 6/10 Famularo-NJ)

VATICAN

9605 0100 Vatican Radio; EE nx religious mx //11845 and 6015 (544 6/23 Buhagiar-ONT)  
9615 2210 Vatican Radio; EE IS ID by yl QRM bombed signal (332 6/12 Earhart-PA)  
11845 0105 Vatican Radio; EE nx tx on leporcy w/ yl. (545 6/1 Worrel-ND)(Jechenthal-IL)  
17825 1515 Vatican Radio; EE IS religious programs (322 7/1 Zilmer-WI)  
17900 1700 Vatican Radio; EE; IS religious programs (353 6/25 Harada-HI)(Famularo-NJ)

YUGOSLAVIA

9620 2200 R. Yugoslavia; EE heavy QRM from ROI ID's (111 7/2 Lindsey-NJ)(Prath-FL)  
(Stickle-NY)(Buhagiar-ONT)(Worrel-ND)

UNIDENTIFIED BOOTLEGS ETC

CZECHOSLAVAKIA

25674at 1400 R. Svoboda; unknown language with tx several mentions of "Svoboda Radio"  
(534 6/10 Blaize-GB) Sandy could it be a European pirate in Eastern Europe?  
It is out of the international band. ed

UNITED KINGDOM

6265 0930 European Music Radio; EE DX Program Mailbag "Rainer and Barry Stephens  
for the German Program, Tony Scott for the Swedish Program sign-on 0900  
sign-off 1100. (343 6/18 Smith-GB) Is this a pirate? ed

BBC Monitoring Service (By permission only)

Greece; the 0200-0350 transmission to the west coast of NA from the voice of Greece has  
news bulletins on 11730 and 9670 between 0200-15 in Greek and 0215-30 in EE.

That's right I'm back in full force. I hope my stay is longer than the last time.  
My job just got too much last time. Thanks to 91 reporters and about 8 new reporters.  
I just got my new FRG-7 and can't wait to try it out. Well that's about all the show  
this month. See you in 30.

73's

*Tim*

# SWBC DX

## AFRICA



**Radio Television Kaduna**

Editor: WAYNE OLIVER  
1 GERMAIN AVENUE  
BRADFORD MA 01830



**FEBA**  
**Seychelles**

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

Again, this month's Africa column is being done by your intrepid roving editor, Bob Butterfield, who is typing away in Caribou, Maine awaiting to go on station at the United States/Canadian border with the U.S. Immigration and Naturalization Service. For now I can still be reached at P.O. Box 398, Belmont, Massachusetts 02178. We'll let you know our temporary address in one of the next issues. On to the loggings (and some tid-bits on the 1978 ANARC Convention in Montreal!)

### ALGERIA

1191 $\frac{1}{2}$  2050 Radiodiffusion Television Algerienne: AA mx, ID © 2101, fanfare, comtry on Lebanon, mx (433 7/7 Donly-SC)  
1517 $\frac{1}{2}$  0215 RTVA: AA w/ mx, ID, Qu'ran, het with Tahiti, noted here for one week only (332 6/16+ Jackson-OR)

### ANGOLA

4820 2025 R. Nacional de Angola: PP w. mx, ID (332 6/15 Constantinides-GREECE) More details. rfb.  
7215 \*0400 RNA: PP w/ electronic IS, ID, nx (222 7/5 McCurdy-CA)  
9535 0510 RNA: PP w/ afro rythms, political slogans, ID (444 7/10+ Jackson-OR)  
9660 1520 RNA: PP/vern w/ EE rock mx, 1530 yl tlk, nx?, mx (433 7/8 Thompson-CA)

### ASCENSION ISLAND

15260 2000 BBC, Atlantic Relay: EE ID, TC, world nx, 24 Hours, Jolly Good Show (444 6/29 Thompson-NM);(454 6/29 Thompson-CA);(343 7/4 Grenier-CA)

### BENIN

4870 \*0410 Radiodiffusion de la Republique Populaire du Benin: FF w/ ID, afro mx, chants, pol tlk (223 7/6 McCurdy-CA);(554 6/16 Howell-CA);(444 7/5 Koval-NJ)

### CAMEROON

4750 2142 R. Bertoua: EE/FF tlk, mx (423 6/11 Constantinides-GREECE)  
4850 2245 R. Yaounde: FF w/ U.S. pop mx, anthem 2300\* (444 6/5 Hopkins-PA)

### CANARY ISLANDS

11880 \*2145 Radio Exterior de Espana; Tenerife: SS w/ IS, IDs, mx (534 6/24 Hopkins-PA)

### CENTRAL AFRICAN EMPIRE

5038 \*0430 La Voix de l'Empire Centralafricaine: FF w/ IS, s/on, ancmts, march, afro mx, chants (322 7/11 Pettit-IA);(343 6/27 Peck-NY)  
7220 \*0600 La Voix de C.A.E.: FF w/ IS, anthem, s/on, ID, mx (433 6/28 Ledford-NJ)

### CHAD

4904.5\*0428 Radiodiffusion Nationale Tchadienne: FF w/ Balafon IS, anthem, ID "Ici N'Djamena, Radiodiff. Nat. Tchadienne, emettant dans les Bandes ..." (453 7/4 Heath-KY)(333 6/24 Peck-NY);(232 6/15 Famularo-NJ);(444 6/6 Constantinides-GREECE)(222 6/24 Kaufman-NY)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0402 Radiodiffusion Television Congolaise: FF nx, commtry on North and South Yemen, ID (233 7/5 McCurdy-CA)(222 6/24 Kaufman-NY){252 6/26 Howell-CA}{332 6/8 Constantinides-GREECE)  
 15190 2130 RTVC: FF/EE w/ afro mx, "This is Brazzaville" pgm in EE, more mx, 2200 FF pgm (444 6/27 Thompson-CA)(544 6/15 Hopkins-PA);(444 6/30 Snowden-CA);(444 6/24 Sulak-PA)

EGYPT, ARAB REPUBLIC OF

9475 0230 R. Cairo: EE ID, tlk, Arabian mx, "You are listening to Radio Cairo", // 6230 (343 6/11 Shimizu-CA)(Thompson-NM) (Pokatiloff-IL)(Stephenson-CA)(Miller-CA)(Potaczek-IL) (Worrel-ND)(Rudolph-AL)(Lindsey-NJ)(Peters-KY)  
 9850 0345 R. Cairo (The Voice of the Arabs): AA w/ mx, chanting, ID and TC 0400, nx (444 6/27 Donly-SC)  
 12005 1904 R. Cairo: AA mx, prayers, ID (434 6/15 Yacono)(Brodsky-NY)

ETHIOPIA

7110 \*0330 Voice of Revolutionary Ethiopia: AMharic tlk, pentatonic Ethiopian vocal mx w/ plucked string instr, ARO QRM (433 6/8 Peck-NY);(232 7/5 McCurdy-CA)

GABON

4777 0525 Radiodiffusion Television Gabonaise: FF w/ long speech by OM (343 7/3 Howell-CA)

GHANA

4915 0545 GBC, Accra: Vern w/ local mx, tlk, yl EE ID 0601, nx (343 6/19 Howell-CA)(323 6/5 Constantinides-GREECE)  
 6130 2138 R. Ghana (GBC): EE tlk (323 7/4 Sulak-PA) Details!!! rfb.

GUINEA-BISSAU

5041 0639 Radiodifusao Nationale: PP w/ tlk, mentions of "Republica de Guine Bissau", speech, tlk on "futbol", local mx (454 7/8 Heath-KY)(333 \*0600 6/10 Onken-IL)

GUINEA, REPUBLIC

4910 0545 Radiodiffusion Nationale: FF w/ tlk, stringed mx, 0600 orch mx, ID (322 6/25 Hoffman-PA)  
 15308 2037 Rdif Nationale: Vern tlks by OM (233 6/28 Famularo-NJ)

IVORY COAST

7215 2300 Radiodiffusion Television Ivoirienne: FF w/ lots of afro pop mx (433 7/3+ Hopkins-PA)

KENYA

4804t 0342 Voice of Kenya: EE w/ OM tlking, local mx, no ID hrd so is tent (442 6/17 Heath-KY)  
 4915 \*0258 VOK: EE w/ IS, local flute, 0300 s/on "Good Morning, this is the Voice of Kenya", anthem (332 7/4 Donly-SC)(222 6/24 Yacono-NY)(333 1756 6/17 Constantinides-GREECE)  
 4934 \*0300 VOK: EE w/ flute IS, ID in EE, anthem, ancmts in Swahili and Hidustani, EE ID, Swahili pgm (212 6/13 Onken-IL)  
 As you can see, conditions have been improving for Kenya (and other mid-Africans) give em a try. cf July SPEEDX. rfb.

LIBERIA

4870 2241 ELWA: EE rel pgm (444 6/5 Constantinides-GREECE) Please more details. rfb.  
 6035 0535 VOA, Monrovia: EE w/ pop mx, "Science Digest" (444 6/22 T. Smith-CA)(444 6/25 Bryan-CA)  
 17870 1948 VOA, Monrovia: EE w/ African svc, mx show (343 6/12 Pyne-MD);(444 7/4 Brodsky-NY)

LIBYAN ARAB REPUBLIC

9500 2350 People's Revolution Broadcasting Service: AA w/ local mx, chants, tlk (443 7/4 Mayer/Martin-CA)(Famularo-NJ) (Thompson-NM)  
 15100 1335 PRBS: AA w/ speech, chants, ID (222 6/27 Yacono-NY)(444 6/25 Thompson-CA)

MALAGASY REPUBLIC

- 3288 0315 R. Madagaskara: FF/vern w/ string afro mx, vocals, FF ID # 0323, drumbeats, y1 in vern at 0330, psble nx (322+ 7/4 Heath-KY)
- 11730 2045 R. Nederland, Talata: EE nx, comntry, to wAfr and cenAfr (343 6/8 Wampler-VA)(444 1800 6/15 Yohana-NJ)(443 7/3 Brodsky-NY)
- 15220 2030 R. Nederland, Talata: EE nx on Mauritanian coup, afro scene (323 7/10 Fisher-MA)

MALI

- 5995 2340 Radiodiffusion Nationale du Mali: FF w/ afro mx, tlk, ID and anthem 0000\* (243 6/30 Famularo-NJ)
- 11960 0910 Radiodiffusion du Mali: FF w/ afro mx, ancmts (454 7/10 Jackson-OR)

MAURITANIA

- 4845 2227 Radiodiffusion Nationale: AA mx, chants, ID (333 7/5 Koval-NJ);(353 0630 6/24 Heath-KY)

MAURITIUS

- 4850 0830 Mauritius Broadcasting Corporation: FF w/ FF/EE pop mx 0900 ID, nx, pop mx, 0930 tlk in Chinese? (454 7/1 Carrier-FL) I would think that a logging on a station such as this would deserve more details, especially of a positive nature. rfb.

MOROCCO

- 15330 0541 Radiodiffusion Television Marocaine: AA chants, tlk, QRM AFRTS (333 7/11 Hall-CA)
- 17710 1730 VOA, Tangier: EE "Music U.S.A.", into "Willis Conover" pgm (433 7/2 Naylor-CA)(433 6/25 Bryan-CA)

MOZAMBIQUE

- 3210 0411 R. Mocambique: PP w/ pgm of US pop mx (423 6/23 Hopkins-PA)
- 4925t 0409 R. Mocambique: Vern/PP w/ mixed afro mx, mentions of Africa (322 7/6 McCurdy-CA)
- 11820 0505 R. Mocambique: PP w/ nx?, mentions of Mocambique, Zambia, Tanzania, and Kenya (333 7/12 McDonald-HI)

NIGER

- 5020 \*0528 Office de Radiodiffusion Television du Niger: FF w/ s/on anthem, ID (222 7/1 Hopkins-PA)(352 0540 6/21 Peck-NY)

NIGERIA

- 6090 2250 Radio Television Kaduna: EE w/ local mx, 2300 ID, drums, nx in EE, still IDs as RTV Kaduna (332 7/7 Donly-SC) And it will continue to, RTV Kaduna was not part of the old NBC, but independent. rfb.
- 7255 \*0555 Voice of Nigeria (FRC): EE w/ fqys (11770, 15120), pgm roundup, "Freedom Report" (434 6/17 Thompson-CA)
- 11770 0615 VON (FRC): EE w/ mx, ID, comntry on S Yemen, Black Pride pgm (333 7/8 Wong-FL)(Stickle-NY)(Ledford-NJ)
- 15120 0706 VON (FRC): EE nx, comntry on Nigerian Police (343 6/29 Ledford-NJ)(Grenier-CA)(Naylor-CA)(Thompson-CA)(Proom-GREAT BRITAIN)(Mayer/Martin-CA)(Smith-CA)

RWANDA

- 15410 0135 Deutsche Welle, Kigali: GG discussion (454 7/2 Smith-CA)

SENEGAL

- 4890 \*055 Radiodiffusion du Senegal: FF w/ "Khora" mx, IS, tlk mentioning Dakar, Qu'ran (453v 6/21 Peck-NY)(Howell-CA)

SEYCHELLES

- 11805 \*0357 Far East Broadcasting Association: EE w/ IS, s/on 0400 rel teaching, ID 0415 (242 6/7 Donly-SC)
- 11840 \*0342 FEBA: AA w/ IS, s/on, tlk (222 7/3 Maghakian-NY)

SIERRA LEONE

- 5980 0723 Sierra Leone Broadcasting Corporation: EE tlk on job availability, asked for applicants (243 7/5 Sulak-PA) If you need a reference John, let me know! hi! rfb.

SOMALIA

9585 2010 R. Mogadishu: AA w/ mx, tlk, ID @ 2020 (433 6/18 Donly-SC)

SOUTH AFRICA

3215 0414 SABC: EE w/ agriculture tlk, nx (443 7/2 Famularo-NJ)  
 3320 0310 Radio 5: EE w/ theme from "Hawaii-Five-O", ID as "Radio  
 5", pop mx (353 7/4 Heath-KY)  
 5980 2300 Radio RSA: EE w/ "Rebellion", on WW I (333 6/15 Stone-ONT)  
 (Blaize-LA);(Starr-GA)  
 11900 0600 Radio RSA: EE w/ mx, nx (433 6/27 McIntosh-PA)(Bryan-CA)  
 (Blaize-LA)(Grenier-CA)(Fisher-MA)

SWAZILAND

4760 0410 Trans World Radio, Mpangela: EE/vern w/ hymns, ID "This  
 Music is being brought to you by TWR, Swaziland" (--- --  
 Klumb-CA) All your loggings were without date and SIO.

TANZANIA

6105 1630 R. Tanzania: EE w/ lite mx instr, ID @ 1645 (343 7/5  
 McDonald-HI)  
 15435 0350 R. Tanzania: EE w/ lite mx, ID, drums @ 0359, TC @ 0400,  
 nx, comtry, 0415 ID (353 6/20 Donly-SC)(433 6/25 0400  
 Peck-NY)(322 0355 6/8 Hopkins-PA)(343 0435 6/30 Ledford-NJ)  
 (454 1815 6/24 Harada-HI)

TOGO

5047 \*0530 Radiodiffusion Television Togolaise: FF w/ IS, s/on, mx  
 (322 7/8 Pettit-IA)(433 7/6 Ledford-NJ)(Klumb-CA)

TUNISIA

15225 0500 Radiodiffusion Television Tunisienne: AA tlk, folk mx,  
 drums // 7225 (534 6/29 Peck-NY)(444 7/7 Ledford-NJ)

UGANDA

9730 2042 Uganda Broadcasting Corporation: EE w/ ID, request for  
 reports, addr (343 6/29 Famularo-NJ)(222 6/3 0400  
 Stapleton-TX)  
 15325 0321 UBC: EE w/ test transmission, address, request for rpts,  
 mx, to USA (444 5/19 Rakow-NJ)(Wheeler-KS)(Woltman-MN)  
 (Bonner-OH)(Wampler-VA)(Miller-CA)(Donly-SC)(Buhagiar-  
 ONTARIO)(Carter-IL)(Somers-CA)(Jackson-OR)(Mayer/Martin-  
 CA)(Getzel-NY)(Fisher-MA)(Hoffman-PA)(Koval-NJ)(Heath-KY)  
 (Kenyon-PA)

ZAIRE

15350 2115 La Voix du Zaire: FF w/ Amer pop mx, tlk (433 6/24  
 Sulak-PA)

ZAMBIA

4911 0500 R. Zambia: EE w/ nx, 0515 mx, vern tlk (222 7/8 McDonald-  
 HI)(333 0610 Vern 7/4 Koval-NJ)

AFRICAN DRUMBEAT

Ciao! A reminder, be sure to send your reports for the upcoming  
 issue to the regular Africa editor, Wayne Oliver, at his new address,  
 see column heading.

Less we forget, a tremendous BRAVO to Ian McFarland and Radio  
 Canada International for the tremendous 1978 ANARC Convention. If it  
 can ever be equaled again, I want to be there! Read more in DX Montage.  
 It was a great treat to meet much of the SPEEDX staff (again or for the  
 first time) and many of North Americas best DXers.

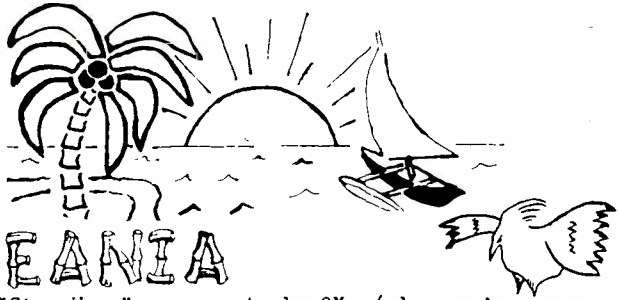
Finally, are there any DXers in the Eastern Quebec, Eastern  
 New Brunswick or Northern Maine that would like to get-to-gether.  
 If so, contact me, Bob Butterfield, P.O. Box 398, Belmont, MA 02178  
 now, or watch for my new address coming shortly.

'Til my next pinch hitting performance then, and once again  
 good luck Wayne.

# ASIA-OCEANIA

BOB BODELL - EDITOR  
5230 S.E. 48th AVE  
PORTLAND, OR 97206

DEADLINE: 15<sup>th</sup> of the month



FRQ    TIME    LOCATION

ANTARCTICA

6012 0855 CA AFAN: EE w/ "Star Wars" mx, ancmts by OM w/ deep voice; song dedicated to men in Base 34 (Mayer/Martin 6/26 222).....

AUSTRALIA

		<u>C=Canaryon</u>	<u>L=Lynnhurst</u>	<u>S=Shepparton</u>
4920t	1209	LA	ABC Brisbane: Aussie nx, heavy QRM (BlaiZe 7/6)(Bryan CA)	
5995	1200	PA	RA-L: ID, freqs, nx, BBC QRM (McIntosh 6/8)(Miller CA)(BlaiZe)	
6005	1038	WI	RA: EE w/ "Countdown" (Woltman 6/13) not listed this time, reb.	
6140	1345	CA	ABC Perth: OM ID, local nx (Bryan 6/29 444) LA)	
9540	0915	GA	RA-L: YL w/ birthday greetings, ID (Starr 6/16)(@ 1216 BlaiZe)	
9570	0700	ENG	RA-S: world nx, Brian May and the ABC Showband, "Music of RA", *0700-0900*, covered by Spain @ 0750 (Smith 6/25)(Smith FL)...	
9580	1130	FL	RA-S: interview, listeners letters, mx, nx, ID (Wong 7/11) (Willis PA)(Mellinger NJ)(McIntosh PA)(Fraser MA)(Rudolph AL)	
9610	1115	NY	ABC Perth: sports nx, ABC ID, rock mx (Kaufman 6/12)(Gaede CA)	
9660	0845	CA	ABC Brisbane: local ID, jazz mx (Smith 7/4 353)	
9670	1219	CA	RA: tlk on Asian countries, mx, freqs, TC, nx (McCurdy 6/18)	
9680	*0900	CA	ABC Melbourne: Aust./local nx, s/on after HCJB s/off (Smith)	
9760	0955	CA	RA-S: ID, Pidgin to PNG, Pac., 1000 into JJ (Smith 7/4 434)	
9770	1442	CA	RA-S: "Club Forum" (Grenier 7/1)(@ 1033 Famularo NJ)(Smith CA)	
11705	1229	NY	RA-S: IS, nx, ID (Stickle)(Worrel ND)(Carrier FL)(McIntosh PA)	
11740	0732	MA	RA-S: ID, mx, tlk, 0759* (Wengrzn)(Carrier FL)(Thompson CA)	
11835	0802	FL	RA-S: Nx, "Intl Rpt", mx, TC, ID (Smith)(McIntosh PA)(Hall CA)	
11880	1100	WI	RA-S: EE nx to PNG (Zilmer 6/28 343)(Naylor CA)	
15140	0545	PA	RA-S: US pop mx (McIntosh 6/27 242)(Smith CA) MN)	
15160	0318	NJ	RA-L: ID, TC, "Focus on Aust." (Famularo)(Mappin WA)(Hodsdon)	
15205	2230	NY	RA-S: "Waltzing...", Viet w/ IS, EE ID (Peck 6/27 222)	
15240	0432	NC	RA-L: mx, ID (Hogan 6/22)(Dennis IN)(Famularo NJ)(Thompson CA)	
15260	0438	NC	RA-S: mx, tlk (Hogan 6/22)(FF @ 0540 Smith CA)	
15320	0408	VA	RA-S: ID, "Int'l Rpt", // 15260 (Wampler 6/30)(Matwiejczyk MI) (Getzel NY)(Miller CA)(Dennis IN)(Hallberg IL)(Donly SC).....	
15425	0520	CA	ABC Perth: C & W mx, ABC ID (Cook 7/2)(@ 0855 Hall CA)++++++	
17725	0515	NC	RA-S: "Aust. Editorial Opinion" (Hogan)(@ 0745 Prath FL)	
17730	0240	PA	RA: up from 17725 on 7/2,3 (Earhart)(Mappin WA @ 0500)	
17795	0200	IL	RA-S: world nx, mx (Jechenthal 7/6)(Dawson CA)(Stone ONT) (Donly SC)(Miller CA)(Stapleton TX)(Hodsdon MN)(@ 0440 Hogan NC)(BlaiZe LA)(@ 0600 Ledford NJ)(Grenier CA)(Earhart PA)...	
17870	0410	WI	RA-C: nx, mx, bird IS in background (Woltman 6/20)(Zilmer WI)	
21525	0435	NY	RA-S: pop mx, tlk on arts (Maghakian 6/17)(Donly SC)(Bryan SC)	
21570	*0800	CA	RA-C: IS, s/on, ID, nx (Rounds 6/20)(@ 0945 Hall CA)	
21680	0130	PA	RA-S: ID, C & W mx, nx (Kenyon 6/30)(Hall CA)(@ 0330 Mellinger NJ)(Bryan CA)(Hogan NC)(Grenier CA)(@ 0745 Rounds CA).....	

COOK ISLANDS

5045 0816 CA RCI: EE w/ RA nx relay, then local prgm (Mayer/Martin 6/26 222)

GUAM

11900 \*1430 ND KTWR: EE relig. tlk, mx, address (Worrel 6/16 453) unid  
17830 0850 CA KTWR: u/lang, relig. tlk, "We've a Story..." IS (Rounds) your  
17855 0115 MN KTWR: EE relig. prgm, YL ID, 0130\* (Hodsdon 6/23 222) (@ 0000 Donly SC)(Mayer/Martin CA).....

NEW CALEDONIA

7170 1238 CA R. Noumea: u/lang w/ possible EE at times, mx (Naylor 6/30)  
11710 0935 MI RN: FF w/ DJ playing FF/US pop mx (Brown 7/3)(@ 0730 Ledford NJ)(McIntosh PA)(Smith CA).....

NEW HEBRIDES

3945 0806 CA NHBS: FF nx by OM (Mayer/Martin 6/29 222)

**VILA**

NEW ZEALAND

6105 0645 MI RNZ: EE pgrm (Matwiejczyk 7/6 322)(Mayer/Martin CA)  
15130 0600 CA RNZ: mx, IS, ID nx, Nat. svce ID (Shimizu 6/5)(Dennis IN)  
(Hollenbeck CA)(Ledford NJ)(Matwiejczyk MI)(Rounds CA)++++++  
15380 0145 LA RNZ: nx, wx, tlk (Thibodeaux)(@ 0327 Lindsey NJ)(Brookwell CA)  
17710 0230 MI RNZ: soccer bost (Brown 6/24)(Miller CA)(Dawson CA)(@ 0400 Hollenbeck CA)(Earhart PA)(Naylor CA)(Mappin WA)(Bryan CA)...

PAPUA NEW GUINEA

2428 1226 CA R. New Ireland: u/lang tlk, local mx, 1200\* (Howell 6/11 454)  
3275 0930 CA R. So. Hilands: Pidgin mx, tlk (Mayer/Martin 6/26 322)  
3320 0904 CA R. Morobe: Pidgin nx by OM (Mayer/Martin 6/26 333)  
3335 0900 CA R. East Sepik: Pidgin/EE w/ mx (Mayer/Martin 6/26 443)  
3360 0859 CA R. Milne Bay: Pidgin mx, tlk by OM (Mayer/Martin 6/26 332)  
3385 0751 CA R. New Britain: EE/Pidgin mx, tlk (Keller)(Forsman CA)  
3905 1100 IL R. Manus: Pidgin, 3 TPs, ID, pop mx (Onken 6/14)(Mayer/Martin)  
4890 1400 CA NBC: EE nx, ads for insect killers, restaurant (Hollenbeck 7/3)  
(Blalze LA)(Bryan WA)(Cook CA)(@ 0906 Kenyon PA)(Prath FL)++++  
9520 0800 WI NBC: EE nx, mx (Woltman 6/23)(Smith CA)(Bryan WA)

SOCIETY ISLANDS

6135 0525 PA R. Tahiti: Tahitian w/ island mx, tlk (Kenyon 6/30)(Smith CA)  
11825 & 0510 MI RT: Tahitian/FF w/ pop mx, island mx (Matwiejczyk 7/6)(Rounds CA)(Buhagiar ONT)(Famularo NJ)(Ledford NJ)(@ 1615 Grenier CA)  
15170

SOLOMON ISLANDS

5015 0810 WA SIBC: Pidgin, EE ID, tlk on independence day (Mappin 6/27 433)  
5020 0818 CA SIBC: EE w/ mx, ads, TCs, tlk on independence ceremonies  
(Hall 7/3)(Mayer/Martin CA)(Klumb CA)(@ 1301 Bodell OR).....



**ASIA**

**радио**

BANGLADESH

15520 1231 CA RB: EE tlk on CC/Viet, 1245 ID (McCurdy 7/5 322)(Keller CA)

Martin CA)

BRUNEI

7215 1255 NM RB: EE classical mx, ID, nx (Thompson 7/4)(Klumb CA)(Mayer/

CHINA

2430 1225 CA FFS 2: CC(Amoy) tlk by OM, march mx sung by YL (McCurdy 7/5)  
3260 1030 CA Guizhou: CC tlk by OM, vocal mx (Mayer/Martin 6/29 333)  
4840 1234 CA FFS 2?: CC w/ opera mx, heavy het. (Naylor 6/21 322)  
4905 1237 CA Nanning: CC relay Peking w/ tlk, mx, RTTY QRM (Howell 6/15)  
4990 1317 CA Changsha?: CC?/EE tlk on peoples' struggle, rev. mx (Sheady)  
5240 1225 CA FFS 1: CC march mx, rev. tlk, // 5265 (McCurdy 6/24 544)  
6665 1256 CA Beijing 1: CC opera, YL ancr, 6 pips, 1300 ID (Naylor 6/22)  
7025 1025 CA FFS 2: CC tlk by YL (Mayer/Martin 6/29 433)  
7120 0305 RI R. Peking: EE tlk, // 9780 (McMahon) both are via ALBANIA,reb.  
7504 1025 CA Beijing 1: CC tlk by YL/OM (Mayer/Martin 6/29 333)  
7770 0744 CA Beijing 2: CC OM/YL tlk, VOA feeder QRM (Brookwell 7/4 222)  
7850 1035 FL FFS 1: CC w/ classical mx, YL ancr, no ID (Carrier 6/14)  
10260t 2300 NY Beijing 2: CC tlk by YL, folk vocals? (Peck 6/7 252-)  
11330 1027 NJ Beijing 1: CC yl w/ tlk (Famularo 6/28)  
11445 1915 PA RP: Romanian(L) w/ tlk, CC mx, fluttery (Kenyon 6/28 322)  
11505 1020 CA Beijing 2: CC political tlk by OM (Mayer/Martin 6/29 343)  
11515 1533 CA RP: Farsi(L), then 1600 Turk. (Naylor)(JJ @ 0930 Prath FL)  
11535 1100 WI RP: EE nx, cntry (Zilmer 6/23 343)  
11600 0940 CA RP: EE tlk by YL, mx, IDs, 0945 into JJ (Miller 6/20 253)  
11650 0925 FL RP: CC tlk by YL (Prath 6/11)(EE @ 1508 Bryan CA) nler)  
11695 1244 FL RP: Viet tlk, to 1255, FF @ 1300 (Carrier 7/9)(1250 EE Gre-  
1384.5t 1435 FL RP?: continuous orchestral type mx, barely audible (Prath)  
15008 1216 ONT RP: u/lang w/ CC mx, RP ID (Buhagiar 6/4) VOV here also,reb.  
15030 0700 CA Beijing 2: CC mx, OM tlk (Dawson)(Mayer/Martin CA)



CHINA (continued)

15045 0850 FL RP: EE tlk (Prath 6/11)(Thompson CA)(Dawson CA)(Smith CA) )  
 15060 0215 NY RP: EE cmtry on Soviets (Getzel 7/1)(Khmer @ 1200 Buhagiar ONT  
 15080 1515 CA RP: EE w/ tlk on book on CC (Stephenson 6/15 333)  
 15095 0230 NY RP: Mandarin tlk, 0235 ID (Getzel)(Cantonese @ 0315 Smith CA)  
 15520 2300 ONT RP: SS w/ "Aqui RP" ID, nx to LA (Buhagiar 6/8 433)  
 17635 2340 SC RP: SS w/ Oriental mx, tlk, 2355\* (Donly 6/25)(Peck NY) )  
 17680 0150 NJ RP: EE w/ "Learn to Speak CC", s/off (Famularo 6/13)(Stone ONT )  
 17705 0335 NJ RP: EE tlk, Oriental mx, // 17635 (Famularo 6/16 344) )  
 17735 0330 CA RP: EE to NA, tlk on China's progress, mx (Brookwell)(Bryan CA  
 17855 0337 NY RP?: CC?, weird party type boat, tlk, singing (Maghakian)  
 17865 0500 CA Beijing?: solid hour of bedlam, yelling, laughter, CC female  
 chorus, no pauses, RP TC @ 0600, no ID (Brookwell 6/14 222)...

CYPRUS

7140 \*0300 CA BBC Limassol: IS, EE ID, nx (Howell 6/14 533) NY)  
 9690 2215 ONT RIK Nicosia: GK nx, mx to Cypriots in UK (Buhagiar)(Maghakian  
 9695 2212 SC. CBC (RIK): guitar IS, \*2215, Gk nx, mx, 2230\* (Donly) ex 9690?  
 15420 0453 CA BBC Limassol: EE nx, tlk on trade (Bryan)(Mayer/Martin CA)

INDIA

7280 1530 HI AIR: EE w/ HS nx to 1545, tlk, 1600\* (Harada 6/25 353)  
 9525 2032 SC AIR: EE w/ Indian mx, ID, freqs, to UK (Donly)(Mayer/Martin)  
 9912 2221 NY AIR: EE tlk on mango, ID, s/off (Stickle 6/14 454) laro)  
 11620 2055 NJ AIR: EE w/ Hindi chants, ancmts, ID, 2100 nx, // 9525 (Famularo  
 11810 1430 LA AIR: EE press review, story, mx (Thibodeaux) rada)  
 15125 1745 HI AIR: EE ancmts of pgrms, mx, // 7125, 9725, 9730, 11620 (Ha-  
 15205 1025 ONT AIR: EE w/ sitar, 1029 ID, cmtry (Buhagiar 6/24 333)  
 15335 1128 ONT AIR: Tamil w/ flute, ID, anthem, mx, to SEA (Buhagiar 6/18)

INDONESIA

3055 1221 CA RKPd Tk2 Sanpang: Jakarta nx relay, nice signal (Sparks 6/24)  
 3165 1220 CA RKPd Kotamadya, Surabaya: Jak. relay, fair signal (Sparks)  
 3143 1225 CA RKPd Tk2 Dompur: Jak. relay, own pgrm of Indo pops, R & R mx,  
 several mentions of Dompur, 1300 Jak. nx (Sparks 6/24) o.o.o.  
 3250 1305 CA RRI Banjarmasin: Jak. nx relay, free of ute (Sparks 6/24)  
 3305 1310 CA unid (RKPd Tk1 Satu Jawa Timur, Surabaya?): audible past  
 1300 s/off of PNG on 3305, Indo nx, weak, fading (Sparks)  
 3345 1205 WA RRI Ternate: Indo OM ancor, Jakarta nx relay (Steen 7/11)  
 3407 1245 CA unid Indo still here, Indo tlk, no ID (Sparks 6/16) ???RAB???)  
 3935 1300 CA RRI Semarang: Jak. nx, guitar mx, ID (Sparks 7/9)  
 4719 1202 LA RRI Ujungpandang: Indo OM, no Dixon Ute (Blaise 7/6)(Steen WA)  
 4790 0842 CA RRI Fakfak: Indo OM tlk, ID (Howell 7/4 252)  
 4875 1200 LA RRI Sorong: Indo tlk, "Coconut Isles" IS (Blaise)(Mayer/Martin)  
 5987 0957 WA RRI Manado (Menado): Indo YL, Moscow QRM (Steen 7/10)  
 7110v 1304 CA V. of Indonesia: FF nx read by OM (Grenier 6/25 433)  
 11789 1435 WI VOI: EE w/ some Indo mx, to 1500 (Trublo d 6/24)(Carrier FL)  
 (Smith CA)(Thompson CA)(German now @ 1530 Bodell OR).....

**ALL INDIA RADIO**

IRAN

9022 0100 NY VOI: Farsi tlk (Brodsky 6/15)(Kenyon PA)(Yohana NJ)  
 15084 0321 NJ VOI: Farsi w/ phone in? type show (Lindsey 7/3)(Smith CA)  
 (@0145 Thompson NM)(@ 1425 Prath FL)(@ 2010 Donly SC).....

IRAQ

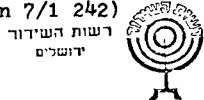
9745 2125 ONT RBI: EE w/ ID, mx, AA mx, mailbag, "AA by Radio" (Buhagiar  
 6/9)(Constantinides GREECE)(Worrel ND)(Hodsdon MN)(Smith FL)

ISRAEL

9435 2233 OH IBA: EE YL cmtry, // 9815 (Osterman 6/25)(Fraser MA)  
 9815 2240 VA IBA: EE ID, cmtry, press review (Wampler 6/27)(McIntosh PA)  
 11640nf 2300 NY IBA: Hebrew HS; TPs, "Kan Shidurei Yisra'el" ID (Peck 6/28)  
 11655 2230 IL IBA: EE nx (Pokotiloff 6/6)(Fischer MA)(Worrel ND)(Jechentahl  
 IL)(@ 2000 Hodsdon MN)(Shimizu CA)(Brodsky NY)(@ 0500 McIn-  
 tosh)  
 11960 0510 CA IBA: EE nx, // 11655 (Mayer/Martin 6/24)  
 12077 2210 NY IBA: u/lang tlk, mentions Israel, // 15545 (Peck 6/17)  
 15105 0500 NC IBA: EE nx (Thomas 6/12 333)(Trublood WI)(Monjure WI)  
 15230 0415 NY IBA: RR "Hatikvah" trumpets IS, ID, tlk by OM (Peck 6/24)  
 15415 \*0345 CA IBA: Hebrew? w/ nx (Miller 7/6 522)  
 15485 2230 NE IBA: EE id, "Calling All Listeners", DX Corner (Schmucker  
 6/11)(Rudolph AL)(Famularo NJ)(Rounds CA)(Getzel NY)(Grenier)

ISRAEL (continued)

17630 2330 PA IBA: u/lang w/ man giving speech (McIntosh 6/10 333)  
17685 2250 ENG IBA: EE tlk on IBA, // 9415, 9815, 11655 (Blaise)(Hogan NC)  
17710 2230 WI IBA: EE nx, cmtry on Mondale's visit (Zilmer 7/2 333)  
17815 1203 ENG IBA: EE nx, ads, wx, \*1200-30\*, then AA svce (Smith 6/26 332)  
21505 2005 MD IBA: EE ID, nx, press review, "Voices from Israel" (Pyne)  
21625a 1758 NY IBA: RR w/ IS, s/on, tlk by YL, nf? (Maghakian 7/1 242)  
25585a 1358 ENG IBA: IS, ID, u/lang w/ nx (Blaise 6/10 444)  
25610 1205 ENG IBA: EE nx by YL, ID (Blaise 6/5 444)



JAPAN

3910 1257 CA FEN: EE OM ancr, jazz mx (Bryan 6/29 343)  
3925 1400 JPN NSB: JJ OM w/ DX pgrm every Saturday (Watanabe)  
7205 0929 CA R. Japan: JJ tlk, ham QRM (Mayer/Martin 6/25 433)  
9505 1405 ND RJ: EE nx, cmtry (Worrel 6/12)(Naylor CA)(Gaede CA)  
9595 0943 MA NSB: EE lang. lessons, ads, ID, 1000 JJ (Lobdell 6/13)(Mappin WA)(Donly SC)(McGurdy CA)(Smith CA).....  
9605 1010 NJ RJ: CC/ II w/ Oriental mx, chants, tlk, // 9525 (Famularo)  
11815 1910 MN RJ: EE OM nx, tlk, JJ @ 1915 (Hodsdon)@ 1400 Carrier FL)  
11950 1830 TX RJ: EE to Europe, "Current Topics", etc. (Stapleton)  
15105 2010 VA RJ: EE cmtry on whales, ID, 2015 JJ (Wampler)(Bryan WA)(Peck)  
15195 0900 NJ RJ: EE nx, tlk on exports (Ledford 6/29)(Prath FL)  
15235 0926 NJ RJ: IS, EE/JJ ID, s/on, sked, nx, to ANZ (Famularo 7/2 343)  
15310 2100 ITALY RJ: EE s/on, ID, nx, "Current Topics" (Marable 6/26 333)  
17755 \*0100 NY RJ: Glockenspiel IS and "Sakura" theme (Peck 6/10 222-)  
17825 0000 MA RJ: EE cmtry on JJ economy, // 15270 (Fraser 6/22)(Ledford NJ)  
17880 0530 WA RJ: JJ cmtry, nx in JJ, s/off (Mappin 7/3)(Stone ONT)(Bryan CA)  
21535 0801 CA RJ: EE ID, freqs, nx, cmtry (Rounds 6/20 343)

שלם אהבת דררי וטלוויזיה

KAMPUCHEA

4908 1252 CA RDC: Khmer tlk by OM/YL, local mx, RTTY QRM (Howell 6/15 322)  
11953nf 1350 OR RDC: Khmer, w/ spike fiddles, tlk, 1503\*, ex 11943 (Jackson)

**NIPPON HOSO KYOKAI**

D. P. R. KOREA

4115 1304 CA VRPR: KK w/ stirring rev. speech, // 4557, Wm. Tell overture  
4552v 1045 OR VRPR: KK tlk by soft-voiced YL, KK pop mx, // 4009v (Jackson)  
9420 1301 CA R. Pyongyang: SS tlk, ID (Naylor 7/2)(EE @ 0940 Mayer/Martin)  
9977 1700 ONT RP: EE political nx on glories of Kim (Kusalik 6/21+)(Harada HI)@ 1425 Somers CA)@ 1215 Novello NY)(Thompson NM)++++++  
11350 1100 WI KCBS: KK tlk, mx (Zilmer 6/23 342) / Famularo NJ)  
11532 1214 FL RP: EE w/ political cmtry on US, Cl, mx (Carrier 6/24)@ 2215  
11565 1145 CA RP: EE YL cmtry on reunification, // 11530 (Miller 7/3 524)  
11884nf 1605 OR RP: EE tlk on reunification, mx, // 9977 (Jackson 6/28 342)

(Sheedy 7/7)

REP. OF KOREA

9525 1015 CA R. Korea: EE w/ "Korea Marches ON" (Somers 6/29 544)  
9640 \*1600 CA RK: EE nx, editorial (Thompson 7/5)(Bryan CA)(Smith CA)  
9710 1130 WI RK: EE nx, cmtry, mx, 11965 (Zilmer 7/1 322)  
9720 1600 CO RK: EE s/on, nx (Harrington 6/27)(Thompson NM)@ 1800 Thompson  
11860 1200 FL RK: KK YL w/ C & W mx, to Europe (Carrier 6/24 433)  
11965 1338 GREECE RK: EE nx (Constantinides 6/7 334)

Martin CA)

KUWAIT

12085 1903 FL RK: "Sounds Unlimited" mx pgrm (Hook 6/14)(Brodsky NY)(Mayer/  
15345 0350 SC RK: 100Hz tone, IS, EE s/on, "RK Presents" (Donly 7/3)(Howell)  
21685 1500 NY RK: AA w/ "Huna al Kuwait" ID (Peck 6/21)(Willis PA)(Prath FL)

6/29)

LAOS

4652a 1036 CA Houa Phan R: Lao tlk by OM, mx, barely audible (Mayer/Martin  
4770 1035 CA Xienghouang: Lao w/ tlk, local mx (Mayer/Martin 6/29 222)

LEBANON

11965 0230 PA RL: EE nx, jazz/rock mx, 0300 SS (Hopkins)(Hagen VA)(Smith  
17765 2258 SC RL: IS, anthem, PP s/on, nx, classical mx (Donly 6/19 433)

MALAYSIA (Peninsular)

5965 1408 CA RM Kuala Lumpur: Bahasa Malaysia w/ chants (Thompson 6/25)  
6195 1352 CA BBC Tebrau: EE classical mx (Bryan 6/29) IS SINGAPORE 1700-  
7295 1409 CA RM Penang: EE nx of election (Bryan 6/29 444) / 1830

MALAYSIA (continued)

11750 1531 CA BBC Tebrau: EE nx of Princess Caroline's wedding (Bryan 6/28)  
11955 2245 CA BBC Tebrau: EE ID, "Sports Roundup" (Miller 6/17 443)  
15280 1100 CA BBC Tebrau: EE w/ world, UK nx, folk mx (Cook 7/6)(Hall CA)  
15295 0805 NJ VOM: EE mx requests, world nx, "Window on Malaysia" (Ledford 6/16)(Ledford NJ)(AA @ 1530 Pagano DC)(Thompson CA)+++++++

Sarawak

4835 1315 CA RMS Kuching: BM w/ chants, ID, nx (Thompson 6/25 545) WA  
4950 1125 IL RMS Kuching: EE tlk, MOR mx, IDs, TPs, nx (Onken 6/11)(Steen  
7160 1406 CA RMS Kuching: EE nx, editorial opinion (Grenier 7/1)(Bryan CA)

MONGOLIA

12068m \*1220 ONT UBR: IS, EE ID, anthem, EE nx by OM, tlk on Mong./USSR, social dev., opera mx, 1250\* w/ ID, IS, anth. (Kusalik 6/22)(Watanabe JPN)

PAKISTAN

15521 1935 SC RP: FF w/ pop mx, tlk by OM, IDs (Donly 6/18 422)  
17665 1100 MA RP: EE nx items by OM in slo-EE, // 15115 (Fraser 6/6 354)  
17830 0230 IL RP: EE nx, cntry (Hallberg 7/3)(Peck NY)(Harada HI)(Constan-  
21730 0205 PA RP: EE/Indo nx, mx, 0245\* (Kenyon 6/30 333) / tinides

PHILIPPINES

6010 1329 CA VOA: EE ID, freqs, sked, into KK pgm (Bryan 6/29 444)  
6030 1333 CA FEBC: EE OM ancor, relig. pgm of mx (Bryan 6/29 433)  
6110 1340 CA VOA: EE ID, tlk (Bryan 6/29 433)  
7190 1404 CA VOA: EE tlk on mideast peace tlks, etc. (Bryan 6/29 444)  
9590 1400 CA R. Veritas Asia: EE ID, "Encounters", // 11955, 15150 (Naylor)  
9715 \*1230 JPN V. of Love: German OM tlk, mx, 1247\*, wants rpts (Watanabe)  
1510 CA FEBC: Mandarin tlk, mx (Smith 7/9 454)  
9760 1500 NM VOA: EE ID, nx, correspondents rpts (Thompson 7/4 343)  
11765 0915 LA FEBC: EE w/ "Back to the Bible" (Thibodeaux 6/14)(Ledford NJ)  
11850 0857 CA FEBC: EE w/ ID as FEBC Int'l, relig. pgm (Naylor 6/10 433)  
11920 1455 CA FEBC: Mandarin w/ relig. tlk, hymns, address, ID (Thompson)  
15215 0330 MA VOA: EE w/ "Breakfast Show", mx, nx, listed 0330\* (Smith)  
15450 \*2300 CA FEBC: EE relig. pgm (Cook 7/6 353)(Hall CA)  
17740 2200 CA VOA: Greenville s/off reveals PI, RR @ 0814 (Brookwell 6/22) )  
17750 2210 CA VOA: Dixon & PI share same freq, DX in CC, PI in EE (Brookwell  
17790 0000 NJ VOA: CC tlk by YL, TPs (Maghakian 6/8 343)  
17810 0050 CA FEBC: EE w/ hymns, relig. tlk (Thompson 6/17 333)



SA'UDI ARABIA

9670 2058 SC BSKSA: AA mx, TC, 2100 ID, tlk more mx (Donly 6/28 322)  
11775 1900 PA BSKSA: AA mx, many IDs (Hopkinsa 7/4)  
15350 1615 OR Holy Qu'ran Station under u/lang station (Bodell 7/1 222)

SINGAPORE

9725 0935 CA BBC Singapore: EE radio drama, lang lesson (Smith 7/4 323)  
11940 1600 WA RS: EE w/ "Soothing Sounds", soft rock, jammer QRM (Bryan 7/11)(Hollenbeck CA)(Somers CA)(Mappin WA)(@ 0935 Ruggley IL)+++

**SRI LANKA BROADCASTING CORPORATION**

SRI LANKA

11835 1045 NY SLBC: EE nx, SLBC ID, medley w/ male vocalist (Kaufman 6/12) (Stickle NY)(Fraser MA @ 1120 w/ Adrian Petersen's "Radio Monitors Int'l")(@0635 Ledford NJ).....  
15230 1109 CA SLBC: EE mx, relig. tlk (Keller 6/13)(Mayer/Martin CA)  
15395 1710 PA VOA Colombo: Asian lang tlk on Wash./Carter (Sulak 6/25 243)  
15425 0223 NY SLBC: EE w/ birthday greetings, mx (Getzel 7/1)(@ 1530 Rounds)

TAIWAN

11745 1446 NY VOFC: Cantonese w/ mx, 1459\*, // 11860 (Maghakian 6/29 343)  
11860t 1345 NY VOFC: CC tlk by YL, fluttery signal (Peck 6/7 131)  
15225 1835 CA VOFC: AA OM tlk, inst'l mx, IDs (Thompson 6/20 443)  
15425 0100 NM VOFC: EE IDs, freqs, nx, orch. mx, requests rpts (Thompson)  
17720 2207 GREECE VOFC: EE w/ local mx (Constantinides)(@ 0521 Brookwell CA)  
17890 2140 CA VOFC: s/on, ID, anthem, EE nx, "Let's Learn CC" (Hollenbeck) (Thompson CA)(Peck NY)(Smith CA)(Bryan CA)(@ 0100 Sulak PA)..

**LA VOIX DE LA TURQUIE**

TURKEY

7270 \*2130 ENG: VOT: EE nx, press review, new xmtr, 2255\* (Smith 6/23 333)  
9515 2201 OH VOT: EE YL/OM cntry (Osterman 7/2 444)(Buhagiar ONT)(Prath FL)(// 7170 Fraser MA).....

U. S. S. R.

4485 0931 CA R. Tikhy Okean via Petropavlovsk: RR s/on, mx (Mayer/Martin)
5960 1110 R. Sta. Peace & Progress via Vlad.: EE ID, cmtry (Hall 7/9)
6060 1059 CA R. Moscow via Komsomolsk: IS, CC s/on, // 6025 (Hall 7/7 353)
9600 0042 MA R. Kiev via unid site: EE w/ "DX Club", 0058\* (Wengrzyn 6/28)
9725 1400 CA Nikolaevsk (L) w/ RR nx, choral mx (Gaede 6/16 333)
11600 1422 CA RSP&P: CC tlk, YL ID @ 1428, jammer (Naylor 7/1 433)
11720 0345 CA RM via Khabarovsk: EE w/ disarmament tlk (McCurdy 7/10 344)
11735 2300 PA RM via Sofia: EE nx, // 11750, 11860, 12060 (McIntosh 6/10)
11770 0145 CA RM via Nikolayev: EE cmtry on industrial progress (Bryan 6/22)
11780 0320 RI R. Kiev via unid site: EE "DX Corner" (McMahon 6/14 533)
11880 0520 PA RM via Ivano Frankovsk: EE mx, cmtry (McIntosh 6/1 322)
11995 0600 PA RM via Moghilev: u/lang w/ organ mx (McIntosh 6/1 111)
12005 0009 WA RM via unid site: EE nx, cmtry (Bryan 7/6 453)
12020 0620 PA RM via unid site (Armavir?): RR OM tlk (McIntosh 6/1 333)
12030 0534 CA RM via Petropavlovsk: EE tlk on farm life (Hall 7/5)
12050 0620 PA RM via Petropavlovsk: EE w/ bad audio, // 12030 (McIntosh 6/1)
15180 \*0300 NY R. Yerevan via Nikolaevsk: IS, Armenian tlk, mx (Maghakian)
15405 0340 CA RM via Sverdlovsk: EE ID, cmtry (Bryan 6/26 343)
15415 0904 CA RM via unid site: EE OM nx, IDs (Hall 7/10 333)
15425 0315 CA R. Kiev via Petropavlovsk: EE OM cmtry, ID (Hall 7/10)(Bryan)
17720 ???? MA RM via Petropavlovsk?: EE w/ "Moscov Review", ID (Wengrzyn)
17740 0700 CA unid w/ RR?, unid IS, CW "GR" everynite but Su. (Brookwell)
17765 0700 CA Mayak pgrm via unid site: RR mx, tlk (Brookwell 6/29 222)
17810 0607 CA RM via unid site: EE nx, IDs, // 17820 (Hall 7/11 333)
17815 0830 FL RM via unid site: EE nx, folk mx, to SEA (Prath 6/25 242)
21640 0158 NY RM via unid site: IS, s/on, EE nx by OM (Maghakian 7/2 343)

RADIO MOSCOW

Uzbek S. S. R.

13460 1200 ONT R. Tashkent: EE s/on, nx, cmtry on detante (Buhaglar 6/18)

VIETNAM

3397 0949 CA Hanoi 1: Viet tlk (Mayer/Martin) 2 hours before local sunset??
4682v 1000 OR unid (Binh Tri Thien?): tlk in dialects, Viet mentioned (Jack-son)
4943 0951 CA Hanoi 1: Viet tlk by OM (Mayer/Martin 6/29 222) / son)
6335 0953 CA Tay Bac: Viet tlk, local mx (Mayer/Martin 6/29 211)
6896nf \*1200 OR Bac Thai: Viet tlk, ID, mx to 1357\*, ex 7085, varies to 6890
7375 0939 CA Hanoi 1: Viet tlk, crowd cheers (Mayer/Martin) / (Jackson)
7512 0955 CA Tay Nguyen: Viet mx, local mx, tlk by OM (Mayer/Martin 6/29)
9448 1004 CA Hanoi 1: Viet tlk, choral mx (Martin/Mayer 6/29 121)
9840 1001 CA Tay Nguyen: Viet mx, local mx (Martin/Mayer 6/29 211)
10010 1542 CA VOV: Viet OM tlk (Thompson 6/25)(@ 1005 Mayer/Martin CA)
10040 1020 IL VOV: EE cmtry on China, etc. (Catey 6/21)(Carter LA)(Prath FL)
(Carrier FL)(Famularo NJ)(Kaufman NY)(@ 1540 Smith CA)+++++
10060 1025 NY Hanoi 1: Viet YL tlk, mx, OM ancr (Kaufman 6/12)(Carrier FL)
(Peck NY)(Prath FL)(Mayer/Martin CA).....
10225 1105 NY Hanoi 2: Viet tlk by OM/YL, // 10060 (Peck 6/14 352v)
12033 1000 WI VOV: EE nx, cmtry, mx // 10040 (Zilmer 7/10)(Martin/Mayer CA)
15009v 1800 CA VOV: EE cmtry, nx, mx, 1900\* (Cook 7/6 222)(Dawson CA)
(Mappin WA)(Viet @ 1510 Thompson NM)(Thompson CA).....

CA)

YEMEN ARAB REPUBLIC

9780 0428 NY R. San'a: AA mx, then martial mx, 0430 nx (Kaufman 6/9)(Howell)

D A T E L I N E

INDIA - AIR's external svce is sked in EE: (1000-1100) on 11725, 11775, 15190,
15205, 17387, 17705; (1330-1500) on 11810, 15335; (1745-1945) on 7225, 9525,
9730, 11620, 15125; (1945-2045) on 7225, 9525, 9755, 9912 (from 2000), 11620,
11880; (2045-2230) on 7225, 9525, 9535, 9912, 11620, 11740; (2245-0115) on 3905,
7215, 9535, 9630, 11770, 11815, 11850, 15110..... the domestic svce has EE
nx at these times: (0030-5) on 7165; (0240-50) on 4895, 6130, 7120, 7165, 9615,
9705, 11845, 11895, 15310; (0630-2) on 9590, 9630, 11735, 11850, 11935, 15235;
(0730-40) on 7210, 7280, 9590, 9630, 11735, 11850, 11935, 15180, 15430; (0830-
40) on 6100, 7140, 7210, 9590, 9630, 11735, 11850, 11935, 15180, 15235, 15430;
(0850-0915) on 7210, 9590, 9630, 11735, 11850, 11935, 15180, 15235, 15430;
(1130-40) on 6050, 7280, 9590, 9675, 9705, 11725, 11850, 15430; (1230-1430) on
3235, 3355, 6120, 9575, 9590, 11620, 11735, 15430; (1430-5) on 3255, 3925,
4860, 6145, 7135, 7195, 7280, 7412, 9950, 10335; (1530-45) on 3235, 3255, 3315,
3355, 3925, 4860, 6145, 7135, 7195, 7280, 7415, 9950, 10335; (1730-40) on 3255,
3925, 4860, 6145, 7195, 7412, 9950.....used by permission, BBCMS.....

DATELINE CONTINUES - - - - -

ISRAEL - IBA now bcsts as follows for the period (1430-1530): (1430-40) Russian, (1440-55) Judeo Tat, (1455-1508) Bukharian, (1508-15) RR, (1515-22) Bukharian, (1522-30) Georgian, all on 15105, 15415, 17710, 17815, 21565, 21580, 25605 BBCMS

JAPAN - RJ has been running test bots via RTE facilities, Sines, Portugal, for listeners in Europe and Mideast; sked is (0700-30) on 9685, (2200-30) on 9670 FBCMS

REP. OF KOREA - The complete sked for RK is: (0000-30) Spanish on 9650; (0100-0200) Japanese on 7150, 9640; (0200-30) Korean, (0230-0300) EE, both on 11850; (0300-0400) JJ on 7150, 9640; (0600-0700) JJ on 7150; (0630-0700) EE on 9640; (0700-30) KK on 7150, 9640; (0800-30) Arabic on 15360; (0800-30) Indo on 7150, 9525, 9640; (0830-0900) Mandarin 7150, 9640; (0830-0900) French on 9525; (0830-1030) KK on 15360; (0900-30) Russian on 9525; (0900-1000) JJ on 7150; (0930-1000) KK on 9525, 9580; (1000-30) EE, (1030-1100) SS on 9525, 9580; (1100-1200) JJ on 6135; (1130-1200) EE on 7150, 9650, 11965; (1200-30) in KK on 6135, 7150, 9650, 11965; (1230-1300) SS on 9650, 11965; (1230-133) JJ on 6135; (1300-30) FF on 9650, 11965; (1330-1400) EE on 11965; (1330-1400) KK on 6135; (1400-1430) Indo on 7150, 9640; (1430-1500) Mandarin on 7150; (1600-30) EE on 7150, 9640, 9720; (1630-1700) AA, (1700-1900) KK on 7550; (1800-30) EE, (1830-1900) KK on 9720; (1900-30) on 7550; (1930-2000) EE, (2000-30) FF, (2030-2100) KK, (2100-30) all on 9665; (2130-2230) JJ on 7150; (2200-30) KK, (2230-2300) FF, (2300-30) EE, (2330-0000) RR, all on 9640, 9650.....BBCMS

PAKISTAN - RP's external svce sked for J-78 is: (0045-0210) Burmese on 15235; (0100-0245) Bengali on 9645, 11885; (0200-45) Indo, except EE nx 0240-5, on 17845, 21730; (0230-45) EE on 17830, 21590; (0300-40) Swahili, (0340-5) EE nx, (0345-0430) Gujarati, (0430-45) EE nx, all on 15325, 17830, 21590; (0500-0815) Urdu on 11672, 11705, 17665 to 0700, 17830, 21590 to 0700, 21730; (0715-1100) Urdu on 15405, 17665; (0830-1000) Hindi, except 0930-5 EE nx, (1000-45) Tamil, both on 11885, 15530; (1100-15) EE nx on 15110, 17665; (1100-1200) Burmese on 17800, 21590; (1215-1315) Turki on 9690, 11885; (1330-1430) Urdu on 15520, 17830, 21590; (1345-1600) Bengali on 9660, 11885; (1445-1600) Urdu, (1600-15) EE nx, both on 11672, 15520, 17830; (1645-1745) Farsi on 7165, 9690; (1715-1845) AA on 11678, 15520; (1800-1900) Turkish, except EE nx 1815-20, on 9460, 11885; (1915-2015) FF (1915-2115) Urdu, (2115-45) Sylheti, both on 9465, 11678; (2345-0045) Urdu, except EE 0030-40, on 9645, 11750, 15420.....BBCMS

PHILIPPINES - R. Veritas Agla current sked is: (0000-30) Sinhala, (0030-0100) Mandarin, both on 11725, 15275, 17710; (0105-30) Japanese on 15415; (0100-0200) EE, (0200-30) Tamil, both on 15275, 17710; (0200-30) Telugu on 15135; (1100-30) Mandarin, (1130-1220) Viet, both on 9590, 11805, 15165; (1225-55) Indo on 11805, 15165; (1230-55) JJ on 9745; (1300-25) Thai on 11925, 15165; (1300-30) Telugu on 9590; (1330-1400) Sinhala, (1400-1500) EE, both on 9590, 11925, 15165; (1500-30) Tamil on 9590, 11825, 15165; (2200-55) Viet on 9740, 11725; (2300-25) Indo on 9740, 11725, 15275; (2330-0000) Thai on 11725, 15275, 17710.....BBCMS

SAUDI ARABIA - BSKSA's external svce is: (0500-0700) French, (1100-1250, from Th., Fri.), both on 11855; (1300-55) Indo on 21480; (1400-55) Urdu on 17770; (1500-55) Farsi on 11715; (1600-55) Swahili on 21555; (1700-50) Somali on 11910; (1700-1800) Turkish on 11900; (1700-1900) FF, (1900-2000) EE, both on 11855... BBCMS

SINGAPORE - The following BEC freqs are now being relayed thru the new Singapore facilities: 7180 (2200-0000, 0015-45, 0930-1830); 11710 (0015-0045); 9725 (0930-1200); 6050 (1215-1445, 1500-1645); 6195 (1700-1800); 11865 (2200-45); 6010 (2300-15); 6080 (2315-0000), other changes are forthcoming...WRTHNxletter

TURKEY - With the installation of 2 new 250 Kw. xmtrs VOT has made some sked changes: Turkish is now (0357-0600) on 7170, 7270, 9515, 15145; (0600-1200) 7270, 9515, 11800, 15145; (1200-1500) on 7270, 9515, 11800; (1500-1700) on 9515, 11800, 15145; (1700-2000) on 7170, 7270, 9515, 9665; (2000-2127) on 7270, 9515, 9665.....BBCMS

P. D. R. YEMEN - Aden's xsmns have this freq usage at the present time: 5060, 5260 (0300-0530, 0530-1100 Fri., 1100-2030); 7190 (0300-0530, 0530-1100 Fri., 1100-1700, 1715-1845, 1900-2030); 11770 (1100-2030).....BBCMS

CLANDESTINE - an anti PDR Yemen clandestine station "Radio Freedom From South Yemen" has been observed in AA (1130-1430) on 5345, 9960.....BBCMS

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Thanx to 105 reporters this month, and a big welcome to all first timers. A special thanx to all who have made A/O possible over the past three years. We hope that you will all continue to send in your loggings and DX news, 73, *CB*

# WORLD SERVICE STATION SKEDS

EMISSIONS

## PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

ORIA REESE  
1639 Massachusetts St  
Lawrence, KS 66044

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

ANDORRA, R. Andorra is on the air in FF  
0900-1215 on 6230. There are no EE or Dutch  
broadcasts, as reported in 1978 WRTH.  
"Sweden Calling DXers" via A. Smith.

AUSTRALIA, RA, EE to NA, til 3 Sept:  
1100-1300 9580. 0100-0300 15320,17795.  
All from Shepparton. Grenier, Schwartz.

AUSTRIA, ORF, changes announced over air:  
0900-1400 17855, ex 9645.  
1200-1300 15110, ex 15155.  
1900-2200 5945, ex 6155 to N Am.  
2100-2300(Sa) 15385, ex 11895 to Europe.  
ORF broadcasts to NA in EE @ 0130-0200,  
0300-0400 on 5945 & 9770.  
Ruggley, W. Smith.

BELGIUM, ORU, EE to Oct:  
1615-1700 6010,17740 to Af/N Eur.  
0015-0100 6080,9685 to N Am/S Am.  
DX program on 2nd & 4th Sundays.  
Worrel.

BENIN, P. R. OF, Radiodif. de la Rep.  
Populaire du Benin:  
0515-0830 & 1615-2300 on 4870.  
1100-1330(exc:Wed 1100-1400, Sat 0600-2300,  
Sun 0600-2300) on 7190.  
Brdcsts are in FF, EE, + 10 local langs.  
Buhagiar.

BULGARIA, R. Sofia, EE from 20 April:  
1930-2000 9700,11720 to the UK.  
2130-2200 11750,15135 " "  
0000-0100 15330 to North America.  
0430-0500 11750 " R. Johnson.

CANADA, CBC Northern Service:  
0628-0900 6065,9625. 0900-2005 9625,11720.  
2005-0110 6195,9625. In EE, FF, Creole,  
and Eskimo. Buhagiar.

RCI, EE to NA, to 3 Sept:  
Daily 0000-0030 5960.  
0100-0130 9535. 0200-0230 11845,11940.  
0300-0330 5960,9535,11845,11940.  
0400-0430 5960,9535,11845.  
Mon-Fri 2157-0000 5960. Rambo, Snyder.

CHAD, Radiodif. Nac., from QSL:  
0430-0630;1045-2200(M-F); 0430-2300(wkends).  
Morning & Evening prgms on 4904.5.  
Afternoon prgm on 7120. Hopkins.

CHILE, Rob Harrington reports that there is  
a mail embargo at this time (hence the lack  
of skeds & QSLs).

CHINA, P. R. OF, R. Peking, EE:  
to ECNA  
0000-0100 15060,15520,17680.  
0100-0200 7120,9780,15060,15520,17680.  
0200-0300 12055,15060,17680.  
0300-0400 7120,9780. 1200-1300 11685.  
to WCNA  
0300-0500 12055,15060,15305,17735.  
Fraser, Rambo, Wong.

CHINA, REP. OF (TAIWAN), VOFC, EE to 3 Sept:  
0100-0200 15345,15425,17890 to N Am.  
0300-0350 15345,17890 to N Am.  
0100-0200 11825 to Aust/NZ.  
0300-0350 11825 to Aust/NZ.  
2130-2230 9510,9600,11860,15225,17720  
to Africa/E & W Europe.  
2140-2240 9685,17890 to N Am.  
2140-2240 11825 to Aust/NZ.  
Ruggley, Thompson, Wong.

CUBA, RHC, EE, to 3 Sept:  
2010-2140 9770,17750 to N Europe.  
0100-0450 11930 to N, Cen, S Am.  
0100-0600 11725 " "  
0330-0600 11760 " "  
0630-0800 9525 " "  
Baker, Wengrzyn, Yohana, Thompson, T. Smith,  
Snyder, Rambo, Peters, Mellinger, Fraser,  
Baldwin, Lindsey, Hook, Brodsky, Talbot,  
Yajko (ed. note - chew)

CYPRUS, Cyprus BC brdcsts in Greek Fri thru  
Sun @ 2215-2230 on 6155,7190,9690. Look for  
IS @ 2210-2215. Maghakian.

DENMARK, R. Denmark brdcsts in Danish @  
0900,1100,1200,1305,1410,1515,1620,1730,  
1815,1945 & 2100, but will QSL the EE ID @  
the beginning of the prgm. 1200 & 1620 trans-  
missions to N Am. Bonilla.

ECUADOR, HCJB, EE to N America:  
1200-1615 11745,15125.  
0040-0445 9560,11915.  
0500-0645 6095,9560,11915. Rambo, Maghakian.

FINLAND, R. Finland is using 17875 @ 0930,  
instead of 17840. This is the 90° beam to  
the Far East. Erickson.

GERMANY, WEST, Deutsche Welle, EE:  
to Asia  
0120-0220 6065,7210,7285,9690,11945.  
0930-1030 9650,11850,15275,17715,17780,  
17800,21540.  
1720-1750 7160,9590,11785,15405,17825.  
2100-2200 7130,9765.

GERMANY, WEST (continued)

to Cen/East Africa

0430-0515 7150,7225,9565,9765,11765.

to West Africa

0600-0630 9700,11765,11905,15275,17875.

1200-1245 15410,17765,17875,21600.

1930-2000 11905,15150,17795.

to Cen/East Africa (sorry)

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

1715-1745 9735,11965,15135,17730.

1745-1805 15135,17730.

to N America

0130-0150 6040,6075,6085,6100,9545,9565,  
9605,11865.

0530-0550 5960,6100,6135,6185,9545,9565,  
11905. A. Smith, Wong.

R. Free Europe/R.Liberty brdct in 16 langs  
(EE's not one) from 5 European sites. Send  
an SASE here for the full sked, good to 3 Sept.

T. Smith.

GUAM, TWR, EE, to 2 Sept:

0000-0030 17855 Japan/Pacific.

0030-0100 17830,17855 Asia & Jap/Pac.

0100-0130 17855 Japan/Pacific.

1000-1100 11780,11890 Japan.

1100-1130 11770,11775,17855 China.

1430-1500 11890,11900,15135 SE Asia.

Hardester.

GUATEMALA, L. V. de Guatemala, SS:

6180(TGWB) 24 hours a day.

9760(TGWA) @ 1200-0600.

15170(TGWC) 1200-0600.

R. Cultural, SS & EE:

3300,5955,9595 @ 1100-0330.

Hill.

HUNGARY, R. Budapest, EE to N America:

0200-0230(Tu-Su) 6000,6080,9585,9833,11910,  
15225,17710. 17710.

0300-0330 6000,6080,9585,9833,11910,15225,17710.

0400-0415(W-Sa) DX prgm 6000,6080,9585,

9833,11910,15225,17710.

Ruggley, A. Smith, Talbot, Worrel.

INDIA, All India Radi, EE, to 2 Sept:

General Overseas Services:

2245-0115 E/SE Asia 3905,7215,9535,11770,15110.

2245-0115 NE Asia 9630,11815,11850.

1030-1130 NE Asia 11725,15190,17387.

1030-1130 Aust/NZ11775,15205,17705.

1330-1500 SE Asia 11810,15335.

1745-2230 UK/W Eur 7225,9525,11620.

2000-2230 UK/W Eur 9912.

1745-1945 E Af 9755,11880.

2045-2230 Aust/NZ 9535,9912,11740.

News Services:

2300-2310 & 0100-0105 3905,7215,9535,11770,  
11815,11850,15110,9535,9630.

1000-1010 & 1055-1057 11725,11775,15190,15205,  
17387,17705.

1330-1340 & 1455-1500 11810,15335.

1800-1810 7225,9525,9730,11620,15125.

1900-1905 7225,9525,9755,9912,11620,11880.

2000-2010 7225,9525,9755,9912,11620,11880.

2100-2105 & 2200-2210 7225,9525,9535,9912,  
11620,11740, Buhagiar.

IRAN, Nat. Iranian Radio broadcasts to  
N America @ 1830-1900 on 9022.

Ruggley, A. Smith.

ISRAEL, IBA, Correction to last month's  
sked: Add 11625 to W Eur/N America @ 2000  
& 2200. All other freqs remain the same.

Fisher, Ruggley, Worrel.

JAPAN, NHK, EE, To 2 Sept:

2345-0045 15300,17825 to N Am.

0100-0300 15195,17725,17755,17825 (30 min  
JJ, 60 min EE, 30 min SS) to  
N Am/S Am/Hawaii.

General Service: 15310.

2200-2230,2300-2400,0000-0030 15105,15195,

0100-0130,0200-0230,0300-0330,0400-0430,

0500-0530,0600-0630,0700-0730,

15105,17795,17880.

0800-0830 0900-0930,1000-1100,1100-1130

9505,15195,17795.

1200-1230,1300-1330,1400-1500,1500-1530

9505,11815,15310.

1600-1630,1700-1730,1800-1830,1900-1930,

2000-2030,2100-2130 11815,15105,

Buhagiar, Ruggley. 15310.

MALI, Radiodif. Nat., from QSL:

0600-0800,1200-1500,1800-2400 (M-F);

0600-0800,1200-2400 (Th);

0600-2400 (F,Sa); 0800-2400 (Su):

Mornings & evenings on 4783(18 kW),4835

(18 kW),5995 (50 kW).

Afternoons on 7285 & 9635 (18 kW), & 7110

& 11960 (50 kW).

Languages: EE, FF, AA, + local langs.

Hopkins.

NEW ZEALAND, RNZ, EE, to 2 Sept:

to Pacific

1800-2015 11960. 1800-2045 6105.

2045-1345 15380. 2100-0445 17710.

0400-0730 15130. 0500-1030 6105.

to Australia 0745-1030 9620.

Dennis, Ligon, Snowden, Worrel.

NORWAY, R. Norway, EE, will put this sked  
in next month's column, since it's for  
3 Sept-4 Nov. Contributors are Gaede,

Grenier, Snyder, Stickle.

PAKISTAN, RP, from "Pakistan Calling":

EE Slow Speed News Bulletin -

0230-0245 SE Asia 17830,21590.

0430-0445 E Africa 15325,17830,21590.

1100-1115 W Europe 15115,17665.

1600-1615 M East 11672,15520,17830.

Hardester.

SPAIN, Span. Foreign Radio, from 3 July:

2030-2230(M-Sa) 9505,9580,11840 to Europe.

0000-0200(Tu-Su)9630,11880 to N America.

0515-0615(Tu-Su) 9630,11880 to N America.

Baker, Ruggley, Schmucker.

SWEDEN, RS, EE revisions, to 3 Sept:

1400 to S Asia has been changed to 21660.

Erickson, Snyder, Stickle, Watts.

SWITZERLAND, SBC, same as last month's sked.

Contributed by Rambo, Ruggley, Yajko.

**TAHITI (SOCIETY ISLANDS)**, FR3 brdcsts mostly in FF and Tahitian, but has an EE nx prgm Wed thru Mon @ 0900 on these freqs: 6135, 11825, 15170. Donly.

**UNITED KINGDOM**, BBC World Service, EE, to 2 to N & C America Sept:  
17830 @ 2000-2115(W). 15260 @ 2000-2245(A).  
15365 @ 1500-1745(S). 15070 @ 2000-0030.  
15215 @ 1100-1330. 11755 @ 1100-1330.  
11750 @ 2000-0330.  
9580 @ 2000-0330(A), 1500-1745(S).  
9510 @ 2115-0330, 0445-0915(W).  
7325 @ 2245-0330. 5975 @ 2245-0730.  
6195 @ 0900-0915, 1100-1130, 2000-2330(all W).  
6175 @ 2200-2330(S), 2330-0730(W).  
6120 @ 2330-0330(S). 5990 @ 1100-1330(S).  
to Japan & E Asia

17880 @ 0000-0030(T), 0900-0945(T).  
15435 @ 2300-0030(T). 15280 @ 0900-1130(T).  
11955 @ 2200-0030(T). 11750 @ 0900-1615(T).  
9740 @ 0900-1615(T). 9570 @ 2200-0030(T).  
7120 @ 2200-2245(T).  
6195 @ 2200-0030(T), 0900-1830(T).  
to Western Europe

15420 @ 0500-0730(C). 15070 @ 0900-1830.  
12095 @ 0900-2115. 11750 @ 0400-0730.  
9750 @ 0600-0730(C), 0900-1615.  
9410 @ 0400-0730, 0900-2315.  
7255 @ 0900-1515. 7185 @ 0400-0730.  
7120 @ 1600-2315. 6050 @ 0400-0730.  
6180 @ 0400-0730(C), 1700-2315(C).  
5975 @ 0400-0030.

to Australia/New Zealand  
21660 @ 0900-1245(C). 15310 @ 0900-1130(T).  
15070 @ 0900-1330. 11955 @ 0545-0915.  
11750 @ 0900-1615(T), 2000-2245.  
9740 @ 0900-1615(T). 9640 @ 0545-0915.  
9410 @ 1430-1615, 2000-2245.  
7150 @ 0545-0915. 7120 @ 2000-2115.  
6195 @ 1100-1615(T).

**General Coverage of Asia**  
21660 @ 0900-1245(C). 21610 @ 0900-1330.  
17790 @ 0900-1430. 17695 @ 0900-1130.  
15070 @ 0900-1830. 12095 @ 1300-1830.  
9410 @ 1430-1830, 2200-0030.  
5975 @ 2200-0030.  
to Southwest Europe

17705 @ 0900-1615.  
15070 @ 0700-0730, 0900-2030.  
12095 @ 0600-0730, 0900-1830.  
11750 @ 0400-0730, 1800-2115.  
9760 @ 0900-1515. 9580 @ 0400-0730.  
9410 @ 1500-0030. 7130 @ 2300-0030.  
7185 @ 0400-0730, 1800-2330.  
5975 @ 0400-0730, 1700-0030.  
Relays: A=Atlantic, C=E Medit, S=N America, T=Far East, W=Caribbean.  
For the full sked, SASE here. It's 3 pages long. Johnson.

**UNITED STATES**, VOA, EE, to October:  
to Europe 0300-0500 6060.  
0300-0700 3980, 5995, 6040, 7200, 9670, 9770.  
0400-0700 15205. 0600-0700 7325.  
0500-0700 7295. 0400-0600 7230.  
1700-2200 3980, 6040, 9760, 15205, 17785.  
1700-2000 21670. 1800-2200 11760.  
to Africa 0300-0500 9740.  
0300-0730 11705, 11840, 11925, 15160.  
0600-0730 5995, 6035, 6080, 7200, 7280.

**USA (continued)**  
0600-0730 9700. 0300-0600 9670.  
0500-0700 3990, 9530. 0300-0400 7200, 7280.  
0500-0700 6125. 1600-2300 21670.  
1700-2000 17785, 17870, 21485.  
1700-2200 17710, 15140, 1600-2200 15250.  
1800-2300 15415, 15445. 1830-2300 9750.  
2200-2300 15410, 6045, 7195.  
1900-2300 6040, 12010. 1800-2200 6015.  
2100-2200 3990.  
to Middle East  
0300-0630 7200, 7270, 9770.  
1700-2200 7170, 9760. 1800-2200 6040.  
2100-2200 6015.  
to East Asia & Pacific  
1100-1300 11715. 1100-1430 9565.  
1100-1400 5955, 6010, 6110, 7165, 9730, 9760, 15365.  
1300-1430 11830, 15155. 2200-2230 21460.  
2200-0100 6185, 9545, 11760, 15185, 15250, 15290.  
2200-0000 17820, 17895, 21610. 2300-2330 21460.  
to Latin America  
0000-0130 6130, 9640, 11740, 15205.  
to South Asia  
0100-0330 7110, 11745, 15150, 15185, 15215, 17790.  
1300-1600 6110, 7110, 9760, 11935, 15155, 15395.  
1600-1800 6170, 7110, 9700, 9760, 11935, 15260, 15390, 21610.

If you want a list of all of VOA's freqs & times, ask VOA for their "Frequency Schedule". It's very helpful. Fraser, Kennedy.

**KGEE**, Voice of Friendship, brdcsts in EE @ 1000-1100 on 9580. Also - 9530 1200-1300 RR. 9555 0800-0900 JJ, 0900-1000 RR. 9580 1100-1200 Mandarin Chinese. Stickle.

**USSR**, R. Kiev, EE, Spring-Autumn 1978:  
to Europe 2030-2100 9630, 9775, 11830 (from 3 Sept 6020, 9665, 9775).

to North America  
2330-0000 9600, 11780, 15180, 15405 (from 3 Sept 7150, 9720, 15180, 15210, 17845).  
0200-0230 9610, 9775, 11780, 12030, 12050, 15425 (from 3 Sept 7390, 9655, 9720, 12030, 12050, 15425).  
Wong, Worrel.

R. Yerevan, broadcasts in EE on Wed, Th, Sa, Sun @ 0300 on 11690, 12000, 15100, 15175. They have also been heard on 15180. Maghakian.

**VENEZUELA**, Radio Nac., broadcasts Mon thru Fri on YVKO (6170 kHz) & YVRO (15400 kHz) with the following sked: 1900 Arabic, 2000 FF, 2100 SS, 2200 EE, 2300 PP. Kennedy.

**Hobby Pirates**, Andrew Smith reports that European Music Radio brdcsts to Europe w/ 50 watts on 6265 @ 0900-1100 or 1200 in EE every 3rd Sun of the month. They are also planning to start brdcsting on the 41 MB towards end of 1978.

49 reporters this month! Thanks for the comments, and keep the skeds & suggestions coming in. *Orla*



Editor:

KEN COMPTON  
7 Mount Vernon Street  
Brighton, MA 02135

Deadline: 15th



**THIRD ANNUAL NEW ENGLAND AREA DXERS OUTING:** According to tradition this outstanding event will be held on the first Sunday after Labor Day, Sept. 10, 1978, at Black Rock State Park in Watertown, CT. Last year over 53 attended and this year it is hoped that over 75 DXers will attend with their families and friends. This typist was among those present last year and found it to be one of the most interesting and enjoyable DX get-togethers ever, and I'll certainly be there again this year!

One of the events will be a "Sell and Swap-a-Thon" of receivers, antennas, books, records, amplifiers, tuners and other DX equipment, so bring any excess gear you may have with you for possible sale or swap.

If you tentatively plan to be there and would like to receive more detailed information, please contact: Sam Barto, NASWA QSL Editor 245 Cherry Avenue J-11 Watertown, CT. 06795

U.S. COAST GUARD, PORTSMOUTH, VA - NMN, WEATHER INFORMATION BCST SKED:  
0400, 0530 - 4428.7, 6506.4, 8765.4 1130, 1600 - 6506.4, 8765.4 13113.2  
1730 - - - 8765.4, 13113.2, 17307 2200, 2230 - " " " "

(KEN LEONARD-FL)

**NEW MARITIME H/F SSB RADIOTELEPHONE FREQUENCIES** (In use since 1/1/78)

DUPLIX CHANNELS		SIMPLEX CHANNELS
COAST STATIONS	SHIP STATIONS	
4257.4-4434.9	4063-4140.5	4143.6, 6218.6, 6221.6, 8291.1,
6506.4-6521.9	6200-6215.5	8294.4, 12429.2, 12432.3, 12435.4,
8718.9-8811.9	8195-8288	16587.1, 16590.2, 16593.3, 22124,
13100.8-13196.9	12330-12426.1	22127.1, 22130.2, 22133.3, 22136.4
17232.9-17356.9	16460-16584	
22596-22716.9	22000-22120.9	

All normal commercial channels are UPPER SIDEBAND. These tables are from the ITU RADIO REGULATIONS. (SANDY BLAIZE-LA)

QSLs All freqs in khz

**ANTARCTICA:** VNJ Casey Base 12255 f/d OTC cd 30d air for no rp (Trubee-HI)

**ARGENTINA:** LOL Obs Naval B.A. 15000 fldr cd 4w reg. air 2IRCS (Kapinos-MA)

**AUSTRALIA:** VIP4 OTC Perth 12994 f/d earth sta cd 28d for IRC(A. Mason-OMT)

New Address: Perth Coastal Radio - VIP P. O. Box 21 Balga

Western Australia 6061 Australia

VHP RAN Canberra 8487 f/d ltr in 28d for IRC (Forsman-CA)

**CANADA:** "YF" aerobeacon Penticton BC 290 PFC 21d for ms (Trochimczyk-FRG)

"YU" aerobeacon Kapuskasing ONT 266 PFC 19d for ms (Trochimczyk-FRG)

"NM" aerobeacon Mataganí QUE 278 PFC in 27d for ms (Trochimczyk-FRG)

VFG Gander VOLMET 5652 f/d ltr 157d IRC(Bycura-PA) 81d (George-TX)

**CHILE:** CCS Navy Santiago 6480 f/d ltr+PFC 29d air for IRC (Forsman-CA)

**CZECHOSLOVAKIA:** OLB5 Prague Time 3170 f/d ltr 38d for EE rpt on special xmsn & 1 IRC (Oliver-MA)

**ECUADOR:** HD210A INOCAR Guayaquil 7600 f/d EE ltr & brochures in 49d air for IRC(Kapinos-MA) f/d SS ltr & pamphlets 64d for SS rpt IRC(Mellinger)

**FALKLAND IS.:** B.A.S.S. So. Georgia Is. 9106 ltr 80d for IRC(Holbrook-MD)

Address: British Antarctic Survey South Georgia Falkland Islands

**FINLAND:** A.P.T. Mariehamn 2182 PFC 18d for IRC. 2kw. (Proom-ENGLAND)

**FRANCE:** FAF beacon Metz 333 PFC in 22d for ms (Trochimczyk-FRG)

**GERMANY, E.:** DIZ A.M.W. Nauen 4525 PFC & data cd 43d for EE rpt & 2 IRCS (Oliver-MA)

**GERMANY, W.:** "SEI" Sembach aerobeacon 428 form ltr 20d ms (Trochimczyk-FRG)

**HAWAII:** WVVH Kauai 15000. Folder cd in 3w for no rp (Kapinos-MA)

**HONGKONG:** VPS C&W Cape d'Aguilar 13020 f/d fldr cd 20d for IRC(A. Mason-OMT) same in 45d air for no rp (Trubee-HI)

**KERMADEC IS.:** ZME Reoul Is. Wx Sta 9950 f/d cd, ltr in 75d air for 2 IRCS

VS: Robin Humphrey. 1/4 kw. (Russell-IL)

# ZME

Raoul Island Kermadec Group South Pacific Ocean

Confirming your Reception Report dated 20/4/78 that  
this Station, on a frequency of 9950 k/cs was  
working with Station ZLZ51, ZLZ38 at the time stated in  
your report.

**Transmitter** Collins  
**Power** .25 kw  
**Antenna** 2 Wire FD

Signed *Robin Humphrey*  
Station Radio-Technician.

LUXEMBURG: "LW" beacon 208. PFC in 11d for ms. 50w (Trochimczyk-FRG)  
PUERTO RICO: NMR USCG San Juan 8471 f/d form ltr 12d for ms (Forsman-CA)  
SINGAPORE: 9VC97 TAS 20823.5 freq only air ltr 30d for 2 IRCs (Hardester)  
U.S.A.: "IL" aerobeacon Wilmington DE 248 PFC 21d for ms (Trochimczyk-FRG)  
"CGE" compass loc Cambridge MD 257 PFC in 21d for ms (Trochimczyk-FRG)  
"RW" beacon Andrews AFB MD 360. Ltr in 3w for ms (Trochimczyk-FRG)  
NMA USCG Miami FL 6506.4 f/d PFC in 8d for SASE. 4kw. (George-TX)  
NRF/NIK USCG Boston MA 8459 f/d color cd 9d for no rp (Forsman-CA)  
WSL IIT Amagansett R. NY 8658 PFC in 11d for ms (Starr-GA)  
WMH RCA Baltimore MD 8636 PFC in 5d for ms (Starr-GA)  
WLO Mobile AL 8808.8 khz PFC in 11d for SASE (George-TX)  
KSF70 Oakland VOLMET CA 8903 no data ltr in 7d for ms (Starr-GA)  
AFES MacDill AFB 11246. Evasive freq only ltr 12d SASE rtnd (George-TX)  
NMN USCG Portsmouth VA 13113.2 f/d paper cd 28d for IRC (Moody-ITALY)  
SHIPS: WNDW "Boston" 500 PFC in 35d for ms (Holbrook-MD)  
KFCX "American Argosy" container ship 500 PFC 29d for ms (Holbrook-MD)  
KNKY "Austral Patriot" cargo 500 PFC in 18d for ms. 250w. (Holbrook-MD)  
NDTS CGC "Dauntless" 6506.4 PFC in 10d for ms (Brick-TX)  
NQSP CGC "Vigorous" 6506.4 PFC & ship photo 10d for ms. 500w. (Brick)  
NEVG CGC "Unimak" 6507.9 PFC in 27d for ms. 500w. (Brick-TX)  
NDWA CGC "Korgerthau" 6507.8 PFC in 21d for ms (Brick-TX)  
New address: FPO San Francisco, CA 96601  
PJVV "Passaat Curaçao" 12370a PFC in 35d for IRC (rtnd) 400w (A.Mason)  
GTUS "King George" cargo 22015.5 f/d ltr 30d for ms (A.Mason-ONT)  
HPTV "Esso Malaysia" tanker 22238 ltr in 45d for IRC. 100w. (Holbrook)  
6ZNU "World Horizon" 22251 ltr & color pic of ship 72d IRC 1kw (Holbrook)  
AIRCRAFT: CG#1341 HC130B PFC, ltr, a/c photo 5696 in 6d for ms (Chabak-CC)  
CG#1369 based at Corpus Christi TX 5697.4 PFC 9d for ms (Brick-TX)  
CG#1492 5697.4 PFC in 14d for ms (Brick-TX)  
CG#5790 5697.4 PFC & 5/1/78 CG Acft Location List 23d for ms (Brick-TX)  
CG#5794 5697.4 based at Miami FL. PFC in 6d for ms. (Brick-TX)  
EYESIGHT 3 USN P3C Orion 10730 PFC in 8d for ms. Acft used the Eye-  
sight call when wkt USAF Eastern Test Range stas, & Juliet Alfa 03 when  
working MacDill. 400w. (Chabak-CC)

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All times GMT

LOGGINGS  
NORTH AMERICA

All freqs in khz

ALASKA:	5517	0300	KIS70 Anchorage VOLMET OM wx AM (Jones-CA)
	8629a	1418	NOJ USCG Kodiak CQ mkr CW (Forsman-CA)
	8989	1025	AKA Elmendorf AFB YL EE wkg FM256 USB (Chabak-CC)
CANADA:	3330	2104	CHU Ottawa Time Sta OM EE/FF AM (Bryan-WA)
	4235	2100	VAI DOT Vancouver V mkr CW (Bryan-WA)
	6300a	1057	CKN Vancouver Military NAWS V mkr CW (Starr-GA)
	6510	0625	CHF Halifax Military OM EE tfc USB (Jones-CA)
	6753	0330	VXA Edmonton Mil OM EE aero wx USB (Short-CA) (Jones)
		0240	CJX St. Johns Mil Nfld. OM EE aero wx USB (George-TX)
			2343 (Leonard-FL)
	7335	2145	CHU N.R.C. Ottawa OM EE/FF time sigs AM (Hill-WA)
	844C	0134	VCS DOT Halifax NS V mkr CW (Fitzgerald-RI) (Connell)
	8454.5	0545	VAI DOT Vancouver BC (Bryan-WA) 2815 V mkr (Connell-IA)

9010	1010	CHF RCAF Halifax NS OM EE coded tfc SSB(Longacre-NY)
12874	1955	VCS CGG Halifax R. CQ mkr CW (Hrivnak-IL)(Dawson-GA)
13072	0221	VFG Gender VOLMET OM EE wt AM(Bryan-WA) (Fraser-MA)
MEXICO:12772.5	1737	KFL Mazatlan de Sinaloa R. CQ mkr CW (MacCollum-IN)
U.S.A.: 2132	0456	KOY USCG Galveston TX OM EE wkg "Caribe"AM(Russell)
	2490	WDH Miami Marine Op YL wkg USS "Saipan"SSB(Leonard)
4422.5	0203	WOO ATT Manahawkin NJ YL EE tfc USB (Pokotilloff-IL)
4434a	0522	WLC Central R/T Rogers City MI OM EE wx (Monjure-LA)
5519	0635	KSF70 Oakland VOLMET OM aero wx AM(Jones-GA)
5652	0205	WSY70 NY VOLMET OM EE aero wx AM (Stone-ONT)(Short)
5810	0732	Cape R. Cape Canaveral FL wkg Eyesight 3(Chabak-CO)
5865	0100	NAM USN Norfolk VA V-CQ mkr CW (Starr-GA)
5870	0013	NAR Key West FL NAM multicall CQ mkr CW(Pyne-MD)
6250a	0430	WNU TRT Slidell LA CQ mkr CW (Bryan-WA)
6411	0435	KLB ITT Marysville, WA CQ mkr CW (Bryan-WA)
6435	1127	WPA RCA Port Arthur TX V mkr CW (Starr-GA)
6463.5	0447	KOK ITT Cerritos CA CQ mkr CW (Bryan-WA)
6506.4	0616	NMC USCG San Francisco OM EE wkg GCG"Glacier"(Jones)
	0402	MHN USCG Portsmouth VA marine wx SSB (Fitzgerald-RI)
		0406 (Pokotilloff-IL) 2334 (Leonard-FL)
6750	0400	AFE8 MacDill AFB FL OM EE aero tfc SSB (Moody-ITALY)
8458a	0724	NAF USN Newport RI CQ mkr CW (Forsman-GA)
8570	0612	WNU TRT Slidell LA CQ mkr CW (Blaise-ENGLAND)
8582	1300	KLEH ITT Marysville WA CQ mkr (Hrivnak-IL)
8630	0610	WCC RCA Chatham MA V mkr CW (Blaise-ENGLAND)
8658	1310	WSL ITT Amagansett R. NY CQ mkr CW (Hrivnak-IL)
8718a	0336	NOM USCGAS Miami FL OM EE clg GCG "Tamaroa" USB (Pokotilloff-IL)
8740.6	1505	WOO Oeangate R. ATT Manahawkin NJ tfc (Pokotilloff-IL)
8765.4	2236	NMC USCG San Fran OM wx SSB(Bryan-WA)2330(George-TX)
8903	1637	KSF70 Oakland VOLMET wx AM(Thompson-GA)2107(Bryan-WA)
8959	0425	Miami Aeradio OM EE wkg Madagascar 476 USB(George-TX)
8967	1446	Boeing Seattle WA OM EE wkg Boeing 01 USB (Short-GA)
8989	1747	AFE8 MacDill AFB FL OM EE all freq call for Money 41 USB (Compton-MA) 1800 acft tfc (Leonard-FL)
10454	0000	UN Greenville NC EE feeder to Munich USB (Novello-NY)
	0700	VOA Greenville EE feeder to Munich SSB (Proom-ENG)
10494.5	1800	KPA68 DCPA Bothell WA OM EE clg KNR63&64(Devendorf)
11940a	2158	KFS ITT San Francisco CQ mkr CW (Bryan-WA)
12826.5	2341	WNU TRT Slidell R. LA CQ mkr CW (Dawson-GA)
12839.5	0644	WPA RCA Port Arthur TX V mkr CW(Dawson)0716(Bryan-WA)
13038	2130	KLC IT&T Galveston R. TX CQ mkr CW (Hrivnak-IL)
13113.2	0440	NMC USCG San Francisco OM EE marine wx SSB(Cohen-NJ)
13182.5	0900	KMI ATT Dixon CA OM wkg "Santa Augustine"(Pokotilloff)
13272	0103	WSY70 NY VOLMET OM EE aero wx AM (Bryan-WA)
13922	0112	Lockheed Flight Test CA OM EE wkg 003 USB(Russell-IL)
17000a	2150	WCC RCA Chatham MA V mkr CW (Bryan-WA)
14600	0300	WEK45 ATT NYC OM EE vm SSB (Dawson-GA)
14795a	0427	AT&T Dixon CA OM EE vm SSB (Cohen-NJ)
17310	1400	WOO Oeangate R.NJ OM EE wkg "Bahama Adventure" USB (Ruggley-IL)
17310a	0730	WXC47 AT&T Oakland CA YL EE tfc SSB (Conway-MALAWI)

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CARIBBEAN

BARBADOS:12709	0235	8PO C&W St. Philip ID mkr CW (Forsman-GA)(Connell-MA)
CUBA: 8573	0053	CLA3 EMRAIN Havana V mkr CW (Fitzgerald-RI)
	22410a	CLA21 EMRAIN Havana CQ mkr CW (Pyne-MD)
CURACAO:8895a	0200	PJC GRTA Willemstad CQ mkr CW(Ruggley-IL)(Connell-MA)
MARTINIQUE:8554	0143	FUF Fr. Navy Fort de France V mkr CW(Fitzgerald-RI)
	8675.2	0331 FFP PTT Fort de France CQ mkr CW (Walters-NJ)
	12529a	1655 FUF French Navy Fort de France ID mkr CW(Connell-MA)
	12394	0410 FUF French Navy Fort de France V mkr CW(Walters-NJ)
PUERTO RICO:8472	0158	NMR USCG San Juan V mkr CW(Fitzgerald-RI) 0835 CQ mkr(Connell-MA) 2222 CQ mkr(Bryan-WA)
	8959	0438 WWA3 San Juan aeradio OM EE wkg "America"(George-TX)

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CENTRAL AMERICA

COSTA RICA:13100	0015	TIM Limon R. V mkr CW (Hrivnak-IL)(Fitzgerald-RI)
HONDURAS:12852	0722	HRC Tela R. ID mkr CW (Forsman-GA)
PANAMA CZ:11176	0403	AHF Albrook AFB OM EE wkg DOGFOUND USB (Chabak-CO)

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SOUTH AMERICA

ARGENTINA:8847 0705 Buenos Aires Aeradio OM SS wkg acft (Jones-CA)  
 15000 0000 LOL Naval Observatory B.A. YL SS time AM(Nobello-NY)  
 22435a 1745 LPD88 Gen. Pacheco R. V mkr CW (Pyne-MD)  
 BRAZIL:12538a 0145 PPO EMBRATEL Olinda R. ID mkr CW (Forsman-CA)  
 14505a 2220 EMBRATEL Rio OM EE/PP vm LSB (Novello-NY)(Leonard-FL)  
 CHILE: 6685 0706 R. Mac. de Chile SS feeder USB (Jones-CA)  
 COLUMBIA:8574 0154 HKC EMBRATEL Buenaventura CQ mkr CW (Fitzgerald-RI)  
 12853 0736 HKC EMBTEL Buenaventura V mkr CW (Connell-MA)  
 17003a 1456 HKB EMBTEL Barranquilla V mkr CW (Ruggley-IL)  
 GUYANA: 16080a 1530 Guyana Intnt'l Telecom OM EE vm USB (MacCollum-IN)  
 1645A 2120 G.I.T. Georgetown OM EE vm USB (Russell-IL)  
 URUGUAY:12750 0218 CWA S/T Montevideo V mkr CW (Forsman-CW)  
 VENEZUELA:6100 1645 YVTO Observatorio Casigal Caracas time AM(Maghakian)  
 8959 2330 Maiquetia Aeradio OM EE clg & wkg Miami USB(Compton)  
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EUROPE

AZORES: 6750 0157 GUV USAF Lajes Field OM EE wkg acft USB (Moody-ITALY)  
 BELGIUM:8652 0120 OST4 RTT Ostend V mkr CW (Thompson-NM)  
 12781.5 0414 OST RTT Ostend V mkr CW (Walters-NJ)1550(Connell-MA)  
 16932a 2255 OSN RTT Ostend R. V mkr CW (Cohen-NJ)  
 17196a 1153 OST4 RTT Ostend R. V mkr CW (Pyne-MD)  
 DENMARK:12916.5 0339 OXZ6 DGP1 Lyngby R. CQ mkr CW (Walters-NJ)(Connell)  
 ENGLAND:2182 2122 GIL BPO Ilfracombe R. OM EE wkg GPUL AM (Proom-ENG)  
 2115 GLV BPO Anglesey R. OM EE wkg Esse 7 AM (Proom-ENG)  
 3310 2200 ERH50 US Embassy London QRA mkr CW (Blaize-ENGLAND)  
 6414.5 0410 GYC3 Whitehall Naval R. V mkr CW (Connell-MA)  
 6495 0353 GKE BPO Pertishead R. ID mkr CW (Connell-MA)  
 8517 0359 GKC BPO Pertishead R. ID mkr CW (Connell-MA)  
 8614 0425 GYC4 Whitehall Naval R. multieall GLO20 ID QSX mkr CW  
 (Cohen-NJ)  
 8626 0337 GYU Whitehall Naval R. London ID QSX mkr CW(Blaize-LA)  
 8705 0327 GKE BPO Pertishead R. ID mkr CW (Blaize-LA)  
 11176 1508 ANE USAF Croughton Aeradio OM/YL EE tfc USB(Moody-IT)  
 13072 0321 GKE BPO Somerset, Pertishead R. ID mkr CW(Blaize-LA)  
 0417 (Walters-NJ)  
 16955 1505 GKC BPO Pertishead R. ID mkr CW (Ruggley-IL)  
 17110a 2055 GKA BPO Pertishead R. V mkr CW (Pyne-MD)  
 17212a 1148 GKE BPO Pertishead R. ID mkr CW (Pyne-MD)  
 22015a 1530 Pertishead R. OM EE wkg ships USB (McMahon-RI)  
 FINLAND:8455a 0406 OFJ A.P.T. Helsinki CQ mkr CW (Walters-NJ)  
 FRANCE: 6348 0222 EWN Navy HQ Paris V mkr CW (Fitzgerald-RI)  
 6421.5 0110 FFL2/3 PTT S. Lys R. V mkr CW (Fitzgerald-RI)  
 8530 0416 FFL5 PTT S. Lys R. CQ mkr CW (Howell-CA)  
 8808a 0605 S. Lys R. OM FF/concertina mm vm SSB (Osterman-OH)  
 12678 0612 FFB6 PTT S. Lys R. CQ mkr CW (Connell-MA)  
 12875 0518 FUG Navy La Regine R. V mkr CW (Connell-MA)  
 12912.6 0409 FFL PTT S. Lys R. CQ mkr CW (Walters-NJ)  
 18263a 0048 International Network OM EE/FF vm "...French World  
 Terminal, Paris..." USB (Pyne-MD)  
 22332a 1730 FFB9 PTT S. Lys R. CQ mkr CW (Pyne-MD)  
 GIBRALTAR:8625 0230 GYU BBN ID mkr CW (Osterman-OH)  
 GERMANY, E.:8584 0158 DHS Ruenen Coastal R. sta V mkr CW (Fitzgerald-RI)0325  
 ID mkr CW (Walters-NJ)  
 12745a 2325 DHS Ruenen R. V mkr CW (Dawson-CA)  
 13375 0540 MKW5 UDP Berlin OM EE/FF/GG vm SSB (Osterman-OH)  
 17635 0550 DKD4 UDP Berlin OM EE/FF/GG vm SSB (Blaize-LA)  
 GERMANY, W.:8483.5 0404 DAN DB Norddeich R. CQ mkr CW (Walters-NJ)  
 8672.5 0115 DAF DB Norddeich R. V mkr CW (Fitzgerald-RI)  
 12898.5 0220 DAN DB Norddeich R. CQ mkr CW (Forsman-CA)  
 16480.4 2020 DAN DB Norddeich R. V mkr CW (MacCollum-IN)  
 17048 1450 DAF DB Norddeich R. V mkr CW (Ruggley-IL)2051(Pyne)  
 17151a 1159 DAN DB Norddeich R. CQ mkr CW (Pyne-MD)  
 GREECE: 6479 0120 SVA OTC Athens V mkr CW (Fitzgerald-RI)  
 13029 0135 SVA OTC Athens V-CQ mkr CW (Cohen-NJ)0420(Walters-NJ)  
 HOLLAND:6403 0420 PCH PTT Scheveningen R. CQ mkr CW (Connell-MA)  
 8622 0339 PCH4 PTT Scheveningen R. CQ mkr CW (Blaize-LA)  
 8654.4 0125 PGR42 PTT Scheveningen R. V mkr CW (Fitzgerald-RI)  
 8950a 0141 Schiphol LD Control Amsterdam OM Du wkg KLM541 on  
 ground at Kennedy SSB (Compton-MA)  
 12840.5 0535 PBC Navy Noordwijkerhout V mkr CW (Connell-MA)  
 ICELAND:8854 1449 Reykjavik Aeradio OM EE clg Scandinavian 8909(Blaize)

9100a 0600 TFA PTT Reykjavik R. OM EE/Ice vm AM (Proom-ENGLAND)  
 IRELAND:5533 0205 EIP Shannon VOLMET OM wx AM(Stone-ONT)0710(Blaize-ENG)  
 5610 0514 Shanwick Aeradio OM EE wkg San Juan USB (Jones-CA)  
 5624 0600 Shanwick Aeradio OM EE acft tfc AM (Proom-ENGLAND)  
 5638 0306 Shanwick Aeradio wkg Shamrock 2106 OM EE USB (Compton  
 -MA) wkg Gander Aeradio (Cohen-NJ)  
 8833 0611 EIP Shannon VOLMET OM EE aere wx AM(Proom)(Blaize-ENG)  
 8854 1430 Shanwick Aeradio OM EE acft tfc USB (Blaize-ENGLAND)  
 13312 2120 EIP Shannon VOLMET OM EE aere wx AM (Fraser-MA)  
 ITALY: 8480 0150 IDR3 Navy Rome CQ mkr CW (Longacre-NY)  
 8469.5 0309 IGB I.P.T. Genoa V mkr CW (Fitzgerald-RI) (Blaize-LA)  
 8685 0330 IRM Rome Medical R. V mkr CW (Blaise-LA)  
 12975 0552 IQX I.P.T. Trieste V mkr CW (Forsman-CA)  
 17105 1445 IRM6 Rome Medical R. CQ mkr CW (Ruggley-IL)  
 17260a 1824 IGB I.P.T. Genoa OM EE/Ital vm USB (MacCellum-IN)  
 NORWAY: 6432 0330 LGU N.T.A. Regaland R. V mkr CW (Fitzgerald-RI)  
 PORTUGAL:6389 0450 GTP NATO Oeiras ID QSK mkr CW (Connell-MA)  
 SPAIN: 6383 0233 EAD2 CTNE Aranjuez R. CQ mkr CW (Fitzgerald-RI)  
 SWEDEN:12880.5 0513 SAG Goteberg R. CQ mkr CW (Connell-MA)  
 SWITZERLAND:4259 1940 HEB Berne R. CQ mkr CW (Conway-MALAWI)  
 U.S.S.R.:9996 0735 RWM MinGem Moscow time tick CW (Hewell-CA)  
 YUGOSLAVIA:12780.5 0545 YUR PTT Rijeka V mkr CW(Connell-MA) 0603(Cohen-NJ)

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AFRICA

ANGOLA:16164 2235 CQX44 EMPUTEL Luanda OM EE/PP YL FF vm SSB(Cohen-NJ)  
 ASCENSION IS.:10780 0708 AFE83 USAF Eastern Test Range OM EE clg "Picopay  
 Comm" test range support ship USB (Chabak-CO)  
 DJIBOUTI:19500a 0525 PTT YL EE/FF vm SSB (Proom-ENGLAND)  
 GABON: 11176 0628 USAF ALCC(temp) OM EE wkg MAC 70021 USB (Chabak-CO)  
 IVORY COAST:10145a 0640 INTELGI Abidjan YL EE/FF vm SSB (Forsman-CA)  
 LESOTHO:18408 0550 7PJ82 P&T Maseru OM EE vm SSB (Conway-MALAWI)  
 LIBYA: 8959 1805 Bengazi Aeradio OM EE clg Khartoum AM(Conway-MALAWI)  
 MAURITIUS:10025 1017 Plaisance Aeradio OM EE wx AM (Conway-MALAWI)  
 MOROCCO:19915 0330 VOA Tangier EE feeder to Munich LSB (Jones-CA)  
 MOZAMBIQUE:10025 1459 Beira Aeradio OM EE clg Tananarive AM (Conway-MALAWI)  
 SENEGAL:8882 0555 Dakar Aeradio OM EE wkg acft AM (Osterman-OH)  
 8992 0311 6WV Fr. Navy Dakar V mkr CW(Forsman-CA)(Osterman-OH)  
 11122a 0752 TELESENEGAL Dakar YL FF/EE vm LSB (Chabak-CO)  
 S.AFRICA:12849 0725 ZSJS Cape Naval R. Simonstown CQ mkr CW(Connell-MA)  
 12950 0758 ZRH Cape Naval R. Simonstown ID mkr CW(Forsman-CA)  
 ZAIRE: 11318.5 1510 9PL Kinshasa Aeradio wkg 9UA CW (Conway-MALAWI)

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ASIA

BAHREIN:12709m 0537 A9W C&W Manama ID mkr CW (Longacre-NY)  
 CHINA: 8451 1125 XSG CGRA Shanghai R. CQ mkr CW (Longacre-NY)  
 12780a 2010 XSQ CGRA Kwangchow R. CQ mkr CW (Bryan-WA)  
 ISRAEL: 8694 0328 4XO PTT&R Haifa CQ mkr CW (Blaise-LA)  
 JAPAN: 6738 1408 AIF, Yokota AFB OM EE wkg MAC50226 USB (Short-CA)  
 8000 1604 JG2AE M.P.T. Keganei time tick AM (Thompson-CA)  
 8463 0726 JOU Nippon T&T Nagasaki CQ mkr CW (Forsman-CA)  
 8903 0714 JMA Tokyo VOLMET wx AM(Jones)(Thompson-CA)(Shert-CA)  
 8967 0955 AIF USAF Yokota AFB OM EE wkg FM256 USB (Chabak-CO)  
 HONGKONG:8583 1245 VPS3 C&W Cape d'Aguilar ID mkr CW (Thompson-NM)  
 INDONESIA:8776 1310 PKP DEPL Dumai CQ mkr CW (Thompson-NM)  
 MALAYSIA:8698 1320 9MB2/3 DJPL Penang CQ mkr CW(Thompson-NM)(Forsman-CA)  
 PHILIPPINES:8572 1244 DZO Mandaluyong R. ID mkr CW (Forsman-CA)  
 8588 1125 DZG Globe Mackay Las Pinas CQ mkr CW(Lengacre-NY)  
 12539a 0650 DZY Malabon R. CQ mkr CW (Connell-MA)  
 REUNION:8469 1217 FFD PTT S. Denis R. CQ mkr CW (Forsman-CA)  
 SINGAPORE:8709a 1315 9VG TAS CQ mkr CW(Thompson-NM)(Forsman)(Conway-MWI)  
 TAIWAN:12969 0747 XSV Tientsin R. CQ mkr CW (Forsman-CA)  
 TURKEY: 4260 1752 TBA Navy Ankara V mkr CW (Conway-MALAWI)  
 12736.5 0255 TAH PTT Istanbul CQ mkr CW (Cohen-NJ)  
 U.S.S.R.:12796.5 0430 UKN MinGem Archangel R. ID mkr CW (Cohen-NJ)  
 VIETNAM:11435 0200 PTT Ho Chi Minh City YL EE/Viet vm AM (Keizumi-JAPAN)

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OCEANIA

AMER. SAMOA:17391.5 0701 KUQ26 G.A.S. Page Page EE tfc USB (Dawson-CA)  
 AUSTRALIA:7500 0604 VNG Telecom Australia OM EE time sig AM(Thompson-CA)  
 0738 (Bryan-WA)  
 8478 0733 VIX4 RAN Canberra CQ mkr CW (Forsman-CA)

8712a 1530 AOTG Sydney VIS CQ mkr CW (Conway-MALAWI)  
 11201 0822 AXI RAAF Darwin NSW OM EE wx te AF Pearce USB(Chabak)  
 12000 0500 VFG Telecom Australia Lyndhurst OM EE time sigs AM  
 (Osterman-OH) 0548(Thompson-CA) 0635(Bryan-WA)  
 14415 0629 VHM Dept. of Science Melbourne OM EE wkg VNJ Casey  
 Base Antarctica USB (Russell-IL)  
 16918.5 0328 VBP RAN Master Sta Canberra V mkr CW (Cohen-NJ)  
**GUAM:** 11176 0704 AIE Andersen AFB OM EE wkg ME640 USB (Chabak-CO)  
 13207 0916 AIE Andersen patching SWAN 26 te Monitor USB(Chabak)  
**HAWAII:** 5519 0634 KVM7 Honolulu VOLMET wx AM(Jones-CA)(Osterman-OH)  
 8930 0528 KMA Honolulu Aeradio OM EE wkg United 188 AM(Jones-CA)  
 9050a 0709 HMO USCG Wahiawa marine wx reports CW (Connell-MA)  
 12890a 0304 HMO USCG Wahiawa CQ mkr CW (Bryan-WA)  
 15000 0343 WVVH Kauai YL time AM (Carter-LA)0724(Blaise-ENGLAND)  
**NEW ZEALAND:** 8504 0848 ZLB NZPO Awarua R. ID mkr CW (Connell-MA)  
 16874.5 0620 ZLO RNZN Iirirangi V mkr CW (Connell-MA)

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 UNIDENTIFIED

3820a 2144 Music mkr, electronic notes C-E-G-C repeated AM(Blaise-ENG)  
 4930a 2130 KWS78 QRA mkr CW - U.S. Embassy? Where? (Blaise-ENGLAND)  
 6389a 0452 GEP ID QSK MKR: "DE GEP QSK 4 6 8 12" CW (Connell-MA)  
 6523a 0024 12 dot beacon-like signal CW (Compton-MA)  
 8365a 1312 JRC Japanese Natl RR - City? ID mkr CW (Connell-MA)  
 8500a 0733 BCC V mkr CW (Bryan-WA)  
 8760a 0659 YL SS time annts, ticks every 10 secs USB (Jones-CA)  
 8980a 0645 OM GG aircraft tfc, air tfc control SSB (Proom-ENGLAND)  
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SHIPS

2182 2115 LILY liner "Royal Viking Star" OM EE wkg GMI AM(Proom-ENG)  
 2206 0517 USS "Saipan" OM EE clg New Orleans AM (Russell-IL)  
 6213 0753 "Pacific Princess" OM EE wkg "Sun Princess"USB(Pokotiloff-IL)  
 6200 0343 BORG GCG "Courageous" OM EE clg Portsmouth SSB (Starr-GA)  
 1145 BCCG GCG "Durable" OM EE wkg Boston SSB (Starr-GA)  
 6506.4 0415 HLLK GCG "Westwind" OM EE wkg Boston USB (Fitzgerald-RI)  
 1153 HRFJ GCG "Northwind" OM EE wkg Portsmouth USB (Starr-GA)  
 8255a 1430 GERT "Queen Elizabeth 2" OM EE wkg WOM USB (Compton-MA)  
 8365 1537 HLLK "Tenci Topic" clg WBL CW (Connell-MA)  
 1324 JWTA "Heugh Target" clg WCC CW (Connell-MA)  
 12350a 0635 UTEM "Komsomolets Estonii" cargo OM RR wkg URD USB(A.Mason)  
 12370a 2200 PJVW "Passaat Curaçao" OM Eu wkg PCH USB (A. Mason-ONT)  
 12380a 2210 9VLO "San Marcos" OM Pol wkg Gdynia R. USB (A. Mason-ONT)  
 12542 0540 GSWH "Cape Ortelg" cargo clg GYS CW (Connell-MA)  
 13201 2330 HLLK USCGG "Westwind" OM EE clg Thule AFB(!) USB(Longacre-NY)  
 22015.5 1639 5LJY "Royal Eagle" cargo OM EE wkg GKT76 USB (A. Mason-ONT)  
 22020a 1640 UYAD liner "Maxine Gerkill"OM RR wkg Moscow R. USB(A. Mason)  
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AIRCRAFT

5638 0312 Olympic 412 OM EE wkg Shanwick Aeradio USB (Compton-MA)  
 0317 Swissair 111 OM EE wkg Shanwick Aeradio USB (Compton-MA)  
 0308 ASBOT 2502 OM EE wkg Gander Aeradio USB (Compton-MA)  
 5696 0332 GG#1492 OM EE wkg USCG New Orleans USB (Short-CA)  
 0719 GG#1341 OM EE wkg USCG Portsmouth VA USB (Chabak-CO)  
 0743 GG#1339 OM EE wkg USCG Portsmouth VA USB (Chabak-CO)  
 6680a 0507 FET#6 OM EE wkg Vancouver Military (YL) SSB (Schucker-NB)  
 6750 0031 "Flight Blue 25" OM EE wkg MacDill USB (Compton-MA)  
 8854 1450 Scandinavian 8909 OM EE selcall ck w/Reykjavik SSB(Blaise-E)  
 8959 0214 Air France 43 OM EE wkg Tripoli Aeradio USB (Compton-MA)  
 8964 0705 AGAR 23 OM EE wkg Hickam patch to Letterman USB (Chabak-CO)  
 8992 0940 Kiwi 920(RNZAF) OM EE wkg Adelphi USB (Chabak-CO)  
 8959 2001 SUAZN OM EE wkg Nairobi Aeradio SSB (Conway-MALAWI)  
 8989 0302 King 44 OM EE wkg McClellan AFB USB (Short-CA)  
 0305 MAC50232 OM EE wkg McClellan AFB USB (Short-CA)  
 8993 0427 Gull #4 OM EE wkg MacDill patch to Mather Monitor USB(Chabak)  
 9006a 0000 Agar 25 OM EE clg Silver 19 (Cape Canaveral interface for  
 4050th Test Wing) USB (Russell-IL)  
 10780 0715 Eyesight 3 OM EE wkg Cape Radio USB (Chabak-CO)  
 11176 0740 SH#18 "on ground at Kwajalein" OM EE wkg AIE USB (Chabak-CO)  
 0742 JP945 OM EE wkg Andersen AFB USB (Chabak-CO)  
 0758 Swan 13 OM EE wkg AIE patch to Swan Monitor USB (Chabak-CO)  
 0832 Agar #5 OM EE wkg Andersen patch to Aria Control USB(Chabak)  
 11179 1754 CMB38 Hickam patch to Hickam CP USB (Short-CA)  
 11226 2258 SAM26000 OM EE wkg Air Force One LSB (Russell-IL)

11246 1922 Air Force One OM EE wkg MacDill AFB SSB (Cohen-NJ)  
 11249 1600 Air Force One OM EE wkg Andrews AFB USB (Russell-IL)  
 13207 0919 Swan 18 OM EE wkg AIE patch to Swan Monitor USB (Chabak-CO)  
 13215 1949 SAM 86972 OM EE wkg Andrews AFB LSB (Devendorf-CA)  
 13336 1141 Air India 701 OM EE wkg Eastair Ctr Nairobi AM (Conway-MWI)  
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TACTICAL

5810 0814 TINKER 1 OM EE wkg EYESIGHT 3 USB (Chabak-CO)  
 6723 0459 INDIA HOTEL OM EE wkg RASPBERRY MIRAMAR USB (Jones-CA)  
 6699 0027 OBY OM EE clg P2V USB (Devendorf-CA)  
 6708 0624 QUINCY 25 OM ee clg DISABLE USB (Chabak-CO)  
 6968a 1520 RUNNING BEAR OM EE wkg LEADER USB (Russell-IL)  
 9027 2237 ASSISTANT'S ASSISTANT OM EE WKG SKYKING USB (Compton-MA)  
 2240 GREGORY OM EE wkg SKYKING USB (Compton-MA)  
 9585 2120 DRAGNET Nellis AFB Las Vegas NV OM EE wkg ARTAVIO USB (Russell)  
 11226 2105 CARNATION OM EE wkg Andrews, AF1 & its auxiliary USB (Russell)  
 11249 1345 ADVISE OM EE wkg Andrews AFB USB (Russell-IL)  
 15091 0356 RAYMOND 27 Mountain Home AFB ID YL EE wkg DEBIT 51 USB (Russell)  
 20740 1630 MURKY WATER OM EE wkg PIG IRON SSB (Conway-MALAWI)  
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"SPY" NUMBERS STATIONS

3240a 2025 YL GG 5-digit groups, ea gr rptd AM (Blaise-ENGLAND) 6/5/78  
 3315a 2119 "91276/35" 5-digit groups CW (Blaise-ENGLAND) 6/6/78  
 3320a 2123 "71598/19" repeated, 5-d groups CW 6/5/78 (Blaise-ENGLAND)  
 3375a 2015 YL GG 5-digit groups, each group repeated AM (Blaise-ENGLAND)  
 3455a 2119 5-d groups ending w/335 335 335 CW 6/5/78 (Blaise) 6/5/78  
 4670a 0409 YL SS 5-digit groups "Final" @ 0643 AM 7/2/78 (Jones-CA)  
 4900a 2135 "394 12 28 BT" 5-d groups, ea gr rptd 6/6/78 (Blaise-ENGLAND)  
 4995a 2105 "559 559 559 1234567890" YL GG 4-digit AM 6/5/78 (Blaise-ENG)  
 5133a 0642 YL SS 5-digit groups "Final" @ 0643 AM 7/2/78 (Jones-CA)  
 5170a 2014 YL GG 5-d groups, ea gr rptd "Ende" @ 2020\* AM 6/7/78 (Blaise)  
 5700a 2020 YL GG 5-d groups "Ende" 2027\* 6/7/78 (Blaise-ENGLAND)  
 5800a 0120 YL SS 4-digit groups AM 6/8/78 (Stone-ONTARIO)  
 0400 YL SS 4-digit groups AM 7/3/78 (Hrivnak-IL)  
 6838a 1034 YL EE "540" rptd 'til abruptly off @ 1037 AM 6/29 (MacCollum)  
 6850a 1025 Time tick to 1028, YL EE "939 951 9" AM 7/8/78 (Howell-GA)  
 7323a 0614 YL SS 5-digit groups AM (Jones-CA) 7/3/78  
 7335a 0724 YL SS 5-digit, hrd after CHU off air for an hour AM (Miller-CA)  
 8873a 0731 YL SS 5-digit AM (Devendorf-CA) 7/6/78  
 10500a 2303 Flute mx, YL EE "India November" 5-digit grs AM 6/29/78  
 (Novello-NY) Same, "268 50 gr 083 71 group" 6/29 (Compton-MA)  
 10480a 0203 "Papa Uniform" YL EE "...information..." sta: "816 58 group  
 816 58 group" 5-d gr ea gr rptd AM 7/8/78 (Compton-MA)  
 10490a 0204 "Sierra Foxtrot" YL accented EE "Info" "707 40 group 163 90  
 group" 5-d "Ende" 0220\* (Hvy QRM on 10502a) 7/10 (Compton-MA)  
 10502a 0200 "Papa Uniform" Same YL as all above, 5-d. 6/20/78 (Compton-MA)  
 9453a 0620 YL SS 5-digit "Final Final" 0620\* 6/27/78 (McIntosh-PA)  
 12100a 0105 "T25 555" 25 times "BT 60 43" 43 group msg ea gr rptd, then  
 "BT 60 43", long dash & off @ 0122 6/26/78 (Compton-MA)  
 12300a 0500 YL SS 5-digit groups AM 7/3/78 (Bryan-WA)  
 14942a 2237 YL GG "Achtung" 5-digit groups USB 6/28/78 (MacCollum-IN)  
 14945a 2211 "Papa Uniform" YL EE, flute tones, 5-digit 6/22 (MacCollum-IN)  
 14950a 2204 "Sierra Foxtrot" tones YL EE 5-d "End" @ 2217 6/28 (MacCollum)  
 14968a 2226 Time tick, 2228 YL EE "383" to 2238, carrier off AM (Novello)  
 14970a 2223 Tones, YL EE "644" hvy QRM, off @ 2237 6/22/78 (MacCollum-IN)  
 15053 0715 YL SS "Atencion" 5-digit groups AM (McIntosh-PA) 6/27/78  
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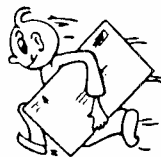
RADIOTELETYPE

Costa Rica:16405 1351 TEZ Prensa Latina San Jose ???wpm/425 shift (Conway)  
 England:18336.5 1412 GPE38 Reuters London RY mkr ??/??? (Conway-MALAWI)  
 Japan: 13963 1440 JMI3 Tokyo Meteo wx (wpm?/hz shift?) (Conway-MALAWI)  
 Malaysia:9143 1527 9MY58 Kuala Lumpur Meteo mkr ??/??? (Conway-MALAWI)  
 U.S.A.: 4228 0318 MMC USCG SanFran wkg NILA 100/170 (Boutin-CA)  
 20780 1750 WEU30 RCA NYC RY mkr ??/??? (Conway-MALAWI)  
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LONGWAVE

233 0405 "SRB" aero beacon Sparta TN White Co. Airport CW (Ireland-TN)  
 255a 0450 "CAN" unidentified beacon CW (Bryan-WA)  
 286 0729 "MI" Manana Is. ME feg signal USCG CW (Holbrook-MD)  
 287 0247 "SMR" beacon Santa Marta, Colombia CW (Gurtis-VT)  
 500 1930 "DAN" DB Nerddeich tfc re "Ticki H79" SOS CW (Blaise-ENGLAND)  
 1758 5ZF KETC Mombasa Kenya OM EE wkg GKKE CW (Conway-MALAWI)

# QSL REPORTS



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

Verified countries --139

Deadline: 15th of month

By the time you read this the ANARC convention will be history; even the summer of 1978 is drawing to a close. Again a goodly number of reports including a few from some rarely-heard-from stations. So far as the totals are concerned, everything--reporters, new reporters, and total reports--is almost identical with last month. The only thing that differs is the stations reported and who is reporting them. The membership adds three new countries this month bringing the total thru August to 139 and to within 8 of the total for the entire year of 1977. So on with the show.



## Antarctica

AFAN, 6012, no data logo cd (above) in 5d air for SASE (not used), v/s Paul W. McQuillan (MAYER/MARTIN CA)

## Europe

**ALBANIA:** R. Tirana, 7300, f/d cd "Haut Levé L'esprit Revolutionaire" in 60d air, no rp (THIBODEAUX LA), same in 97d sfc (JOHNSON FL)

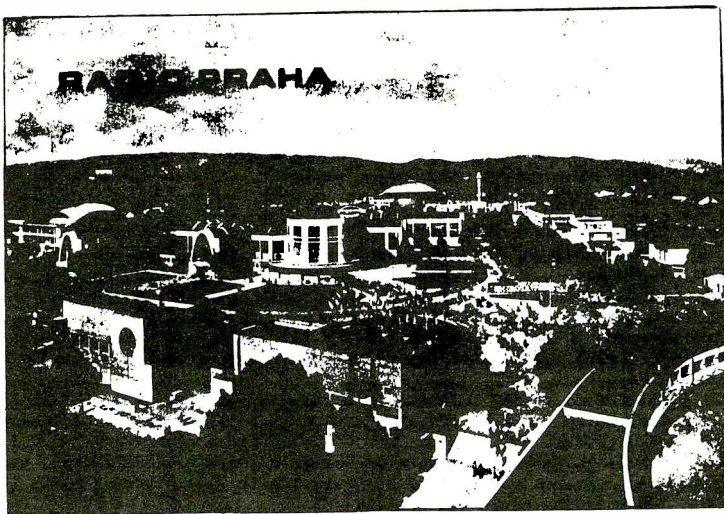
**AUSTRIA:** ORF, 9770, f/d cd "Lovers" in 28d air for 3 IRCs (GEORGE TX), f/d modern art picture cd of castle on snail's back in 32d air for 2 IRCs (KELLER CA), f/d contemporary Austrian art cd in 4d air, no rp (JOHNSON FL), f/d cd of ORF centre w/shortwave studios in 50d air, no rp (SMITH ENG); 15105, f/d cd "Austrian Challenge" in 47d air, no rp (SMITH FL); 15320, f/d cd "Phantasmagorical Landscape" in 34d air, no rp (FRASER MA); 17710, f/d shortwave studios cd in 49d air for 2 IRCs (THIBODEAUX LA)

**BELGIUM:** ORU, 6080, f/d blue map/logo cd in 26d air, no rp (LEDFORD NJ), same in 57d air, no rp (HALL CA), same in 64d air, no rp (RAKOW NJ)

**BULGARIA:** R. Sofia, 7175, f/d "Bachkovo Monastery" cd in 108d air, no rp (SMITH FL); 97900, same cd in 34d air, no rp (GARFIELD MA), f/d "Nessebur" cd in 35d air, no rp (FOWLER ONT), f/d cd w/view of Melnik in 37d air, no rp (FRASER MA); 9765, date/time/mb cd "Pamporovo--in the Rhodopes" in 36d, no rp (JOHNSON FL); 15135, f/d "Nessebur" cd in 22d air, no rp (HEATH KY); 15330, same cd in 28d air, no rp (GARFIELD MA)

**CZECHOSLOVAKIA:** R. Prague, 5930, f/d cd "Castle of Prague Hradcany" in 55d air, no rp (SELLERS ONT), f/d cd "Castle at Cesky Sternberk" in 55d, no rp (WONG FL), f/d cd "A work by Master Pavel" in 90d air for 1 IRC (STONE ONT), f/d cd "Krkonoše-Spindleruv Mlyn" in 39d air, no rp (SMITH ENG), f/d cd "Lake Macha" in 45d air, no rp (JOHNSON FL), f/d "picture" cd in 4d air, no rp (RUGGLEY IL); 7345, "Lake Macha" cd in 46d air (BYCJRA PA), f/d "Lipno Dam" cd in 123d air, no rp (JOHNSON FL), f/d cd of houses in mountain valley in 49d air (WORREL ND), f/d "Trade Fair Grounds" cd in 2d(??? bc), no rp (next page), 2 f/d cds, no desc., in 39 & 43d air (RUGGLEY IL)





Thanks to  
Bill Miller

- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 20d, 1 IRC (WEBSTER AL)
- FINLAND:** R. Finland, 15105, f/d cd "Spring in Finland" in 20d air, no rp (MILLER CA), same in 22d air for 1 IRC (FRASER MA), f/d "60 years of Independence" cd in 31d for 1 IRC (WEBSTER AL); 15200, same cd in 28d air, no rp (HEATH KY); 15265, same cd in 36d air, no rp (SMITH ENG)
- FRANCE:** R. France International, 15300, f/d cd "Couleurs et Lumiere de France" in 2d (must have caught an SST both ways with someone waiting at Orly to sign the cd, Jim.) for no rp (HOGAN NC), same cd in 92d air for no rp (MATWIEJCZYK MI); 15440, f/d Paris Scene cd in 90d air, no rp (IUSKIN MD); 17720, "Couleurs et Lumiere de France" cd in 103d air, no rp (HOLLENBECK CA); 21580, f/d cd "La Basilique du Sacré-Coeur et la Place du Terre" in 45d air, no rp (HEATH KY); 21620, f/d cd of barges at anchor on the Seine in 100d air for 1 IRC (THOMPSON NM)
- GERMANY (Democratic Republic):** RBI, 9730, f/d cd of GDR Olympic Stars in 41d air, no rp (MELLINGER NJ), same in 30d, no rp (IUSKIN MD); 11890, same in 54d for 2 IRCS (THIBODEAUX LA)
- GERMANY (Federal Republic):** Deutsche Welle, 6075, no data circles and logo cd in 147d air, no rp (RAKOW NJ); 9540, no data cd, no desc., in 53d air (RUGGLEY IL); 9610, no data circles and logo cd in 60d, no rp (WONG FL)
- RFE, 21720, f/d blue/yellow map cd in 111d air, no rp (SMITH FL)
- GREAT BRITAIN:** BBC, 9580, no data London Bridge cd in 17d air, 1 IRC (CHAN OR); 21710, same cd in 17d air, 1 IRC (HAGEN IL)
- VOA Relay, 7200, f/d "4 seasons" cd in 8d air, no rp (LEDFORD NJ)
- GREECE:** V. of Greece, 9760, f/d plain white cd in 24d, 1 IRC (WEBSTER AL); 11730, same in 29d air, no rp (RUGGLEY IL);
- VOA Relay, 11925, f/d "4 seasons" cd in 9d air (THOMPSON NM)
- HOLLAND:** R. Nederland, 9590, f/d "Windmill" cd in 60d, no rp (IUSKIN MD)
- HUNGARY:** R. Budapest, 9585, f/d blue/silver globe cd in 44d air, no rp (GEORGE TX); 11910, f/d cd, globe on purple background, in 78d air, no rp (THOMPSON CA), f/d yellow bridge cd in 33d air, 1 IRC (O'BRIEN BC), f/d blue/black bridge cd in 48d sfc, no rp (MILLER CA), f/d orange logo and church scene cd in 37d air, 1 IRC (ESQUIVEL CA), orange cd w/castle in 66d, no rp (HOWARTH WA)
- ICELAND:** ISBS, 12175, cd w/four scenes in 9 mo (NEUMANN IN)
- LUXEMBOURG:** R. Luxembourg, 15350, f/d antenna cd in 68d sfc, 2 IRCS (KELLER CA)
- MALTA:** Deutsche Welle Relay, 6100, date only cd w/painting of Beethoven in 30d air, no rp (THOMPSON NM)
- Xandir Malta, 5980, f/d photocopy ltr in 99d air, 2 IRCS (SMITH ENG)
- MONACO:** TWR, 7105, f/d cd w/logo and sites in 24d air, + pennant for 2 IRCS (FOWLER ONT)
- NORWAY:** R. Norway, 9610, f/d cd "Kaupanger, Sognefjord" in 18d air, no rp (BAKER IL); 9645, f/d color cd w/pix of water w/houses and flag in 15d, 1 IRC (WEBSTER AL); 15345, "Kaupanger, Sognefjord" cd in 16d air, 1 IRC (MATWIEJCZYK MI), same in 55d sfc, no rp (GARFIELD MA), cd "De Syvøstre" in 58d sfc, no rp (MILLER CA); 21730, f/d cd "Frogneseteren--Oslo" in 44d air, no rp (ANGELONI NY)
- POLAND:** Polskie R., 11815, f/d "Heraldic Arms" cd in 129d air, no rp (HALL CA); 15120, f/d yellow abstract cd of three runners in 38d air, no rp (LEDFORD NJ), f/d cd of Warsaw Royal Castle in 25d air + pennant (HEATH KY)

....I'm not either lazy! I just figure that if Mother Nature can get all those leaves off the trees without my help, she can dispose of them the same way....

**PORTUGAL:** R. Portugal, 1935, f/d cd "Costumes da Nazare-Portugal" in 55d air, no rp (WORRELL ND), f/d "picture" cd in 66d, no rp (RUGGLEY IL); 17880, f/d cd of women in native costumes in 24d air, no rp (LEDFORD NJ), same in 35d sfc, no rp (O'BRIEN BC)  
 R. Vox Fidel (V. of Faith Relay), 9670, artwork cd + programme guide in 18d air, no rp (HALL CA) Tim says this station is affiliated with the Catholic Church and is not a part of AMR. Address is: Postfach 8040, Zurich, Switzerland.

**ROMANIA:** R. Bucharest, 5990, f/d picture pc in 59d air, no rp (RUGGLEY IL); 11940, f/d cd of young girl in costume in 73d air, no rp (O'BRIEN BC), f/d cd "Peasant woman of Carj" in 97d air, no rp (SMITH FL)

**SPAIN:** REE (Spanish Foreign R.), 6065, f/d picture cd, no desc., in 49d air, no rp (RUGGLEY IL); 11880, f/d cd w/scene of sailboat in cove in 26d air, no rp (MELLINGER NJ), f/d cd "Islas Baleares--España" in 27d air, 2 IRCs (SCHMUCKER NE), same cd in 34d for 1 IRC (LEDFORD NJ), no fqy, same cd in 16d air, no rp (WHEELER KS)

**SWEDEN:** R. Sweden, 9590, f/d blue/yellow map cd in 33d air + pennant (HOLLENBECK CA); 9695, f/d cd w/stamp honoring Carl von Linne in 22d air, no rp (HEATH KY); 9745, f/d "Northern Lights" cd in 42d air + pennant, no rp (ESQUIVEL CA); 11905, f/d Carl von Linne stamp cd in 17d air, no rp (GEORGE TX)

**SWITZERLAND:** RCBS, 7210, date/fqy cd of globe wearing headphones in 38d air, 1 IRC (HOPKINS PA)  
 SBC, 6045, f/d cd of SBC building in Berne, in 54d sfc, no rp (SMITH FL); 9535, same cd in 22d air, no rp (LEDFORD NJ); 9725, same in 16d (HOLLENBECK CA), same in 38d (O'BRIEN), same in 57d (WORRELL ND), f/d cd "SBC 40 years ago--antenna and xmtr" in 51d air, 1 IRC (DEKOYER NJ); 11715, SBC building in Berne in 30d sfc (WHEELER KS), same in 14d air (MILLER CA), antenna and xmtr of 40 years ago in 31d air for ?? IRCs (WENGRZYN MA); 15305, SBC building cd in 49d sfc (MILLER CA)

**USSR:** (Ed. note: fqys are as received in both kHz and MHz; spellings have been adjusted to agree with "Guide to Soviet Broadcasting." Please do not indicate sites unless so designated on your QSL cd. Even these are suspect. For more accurate information refer to "USSR High Frequency Broadcast Newsletter").  
 Armenian SSR: R. Moscow, 15150 (Yerevan), f/d photo cd w/site in 5 wks air (LOBDELL MA)  
 Azerbaijan SSR: R. Moscow, 4785, 5.92, 21.49 (all Baku), f/d paper form QSL in 150d for EE/RR rpt (BEAUDOIN CT), f/d cds, no description, no times (SULAK PA)  
 Byelorussian SSR: R. Minsk, 7420, f/d stadium QSL in 96d, no rp, EE/RR (BEAUDOIN CT)  
 R. Moscow, 11740 (Minsk), f/d cd of large bldg & flowers in 58d air (SMITH FL); 15150 (Minsk), f/d cd of winter scene w/birch trees in 52d air, no rp (SMITH FL)  
 Georgian SSR: R. Moscow, 17805 (Tbilisi), f/d cd w/site in 5 wks air (LOBDELL MA)  
 Kazakh SSR: R. Moscow, 17850 (Alma Ata), f/d cd w/site in 5 wks air (LOBDELL MA)  
 Kirghiz SSR: R. Moscow, 15.12 (Frunze), f/d cd, no desc., no time (SULAK PA); 17825 (Frunze), f/d cd w/site in 5 wks air (LOBDELL MA)  
 Lithuanian SSR: R. Vilnius, 7215, f/d cd w/drawing of birds in tree in 92d sfc, no rp (WANPLER VA); 15100, f/d flower cd in 78d for 1 IRC (WEBSTER AL), f/d "drawing" cd in 157d air, no rp (HALL CA); 17870, f/d cd of birds in tree in 93d sfc, no rp (PYNE MD)  
 RSFSR: R. Moscow, 7.17, 7.19 (Tula), 7.36 (Moscow), 9.57 (Armavir), 9.61 (Khabarovsk), 11.70 (Moscow), 11.75 (Moscow), 11.76 (Moscow), 11.77 (Moscow), 11.94 (Krasnoyarsk), 11.96 (Moscow), 15.30 (Vladivostok), 17.76 (Tula), 17870 (Armavir). F/d cds in 30-75d air, no rp. Winter scene (PETERS KY)(FRASER MA)(HALL CA)(HOGAN NC), "60th Anniversary" (JOHNSON FL)(WORRELL ND)(SMITH FL), "picture" (RUGGLEY IL), blank cd where picture should be, data on reverse (MILLER CA), no description (LOBDELL)(SULAK PA)  
 Ukrainian SSR: R. Kiev, 7400, 9580, 11780, 17860. F/d cds in 42-129d air, no rp. "Park of Glory" (FRASER MA)(ANGELONI NY)(SMITH FL), "Monument to Lenin" (WONG FL), view of Dnieper River (JOHNSON FL)  
 R. Moscow, 5.94 (Vinnitsa), 6.12 (Lvov), 6.17 (Vinnitsa), 7.13 (Simferopol), 7.30 (Lvov), 9700 (Lvov), 11750 (Lvov), 11.77 (Kiev), 12.07 (Kiev), 15.46 (Vinnitsa), 17860 (Vinnitsa). F/d cds in 23-58d air. Winter scene (KUSALIK ONT)(SULAK PA), "60th Anniversary" (MELLINGER NJ)(SULAK PA), clock tower (SMITH FL), modern building (SMITH FL), no desc. (SULAK PA)  
 Uzbek SSR: R. Tashkent, 11730, 15460. F/d cd w/blue/gold statue in 25d air, no rp (FOWLER ONT), drawing of statue in 3½ wks air, no rp (LOBDELL MA), color scenes on black background in 40d air for 3 IRCs (KELLER CA)

**VATICAN CITY STATE:** Vatican R., 9605, f/d cd of antenna system in 14d air, 1 IRC (DEKOYER NJ); 9645, f/d cd of xmtr console room, 25d air (JOHNSON FL); 11845, f/d cd of antenna towers in 17d air, no rp (LEDFORD NJ)

**YUGOSLAVIA:** R. Beograd, 9620, f/d folder cd w/picture of Ulcinj in 73d air, no rp (FOWLER ONT), f/d folder cd w/view of Piran seaport in 78d sfc + pennant (MELLINGER NJ), f/d folder cd in 6 mo via Yugoslavian Embassy in Washington (BEAUDOIN CT); 15240, f/d folder cd w/picture of city in 74d air, 2 IRCs (KELLER CA)

Africa

**ALGERIA:** Rdif, TV Algerienne, 9685, f/d blue/white logo cd in 137d sfc for no rp (HOFFMAN PA); 15160, same cd in 32d air for 1 IRC (HEATH KY)  
**ANGOLA:** R. Nacional de Angola, 11955, f/d rather strangely worded veri ltr in 7 mo air for 3 IRCs (DONLY SC)

ASCENSION ISLAND: BBC Relay, 1400, no data London Bridge cd in 55d air (SMITH FL)

VOA Relay, 17830, f/d "3 scenes" cd in 10d (MELLINGER NJ)

BENIN (People's Rep.): LV de la Revolution Populaire, 4870, date/time cd w/five scenes in 3d air for 1 IRC, EE/FF rpt (HEATH KY), same in 5d air for MS, FF rpt (BUHAGIAR ONT)

CHAD (Republic): Rdif. Nationale Tchadienne, 4904.5, f/d cd w/three scenes and logo in 46d sfc for no rp (HOWELL CA), no fqy, same cd in 23d sfc, 1 IRC (HOPKINS PA)

ETHIOPIA: V. f Revolutionary Ethiopia, 4905, f/d prepared form ltr sent and returned signed in 73d air for MS, v/s Herouy Emmanuel (PETERS KY), no data personal ltr in 3 mo air for 2 IRCs, v/s Yohannes Ruphael. Station is printing QSL cds (LAZARUS IA) Address: V. of Revolutionary Ethiopia, P.O. Box 654, Addis Ababa, Ethiopia

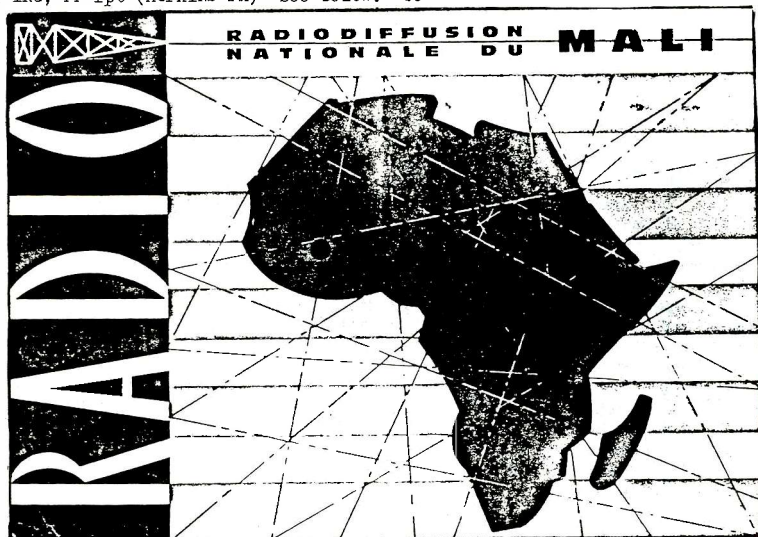
GHANA: GBC, 4915, usual f/d coat of arms cd in 62d sfc, no rp (PYNE MD), same in 67d sfc for 1 IRC (FISHER MA); 4980, same in 120d air (SELLERS ONT)

GUINEA-BISSAU (Rep.): Rdif. Nacional, 5041, date/fqy plain green cd w/veri in 3 languages in 45d sfc for 1 IRC, EE/FF rpt (HAGEN IL); 7150, same cd in PP/FF/EE w/fqy listed as 5041, in 80d sfc for 1 IRC, PP rpt (HOPKINS PA)

LIBERIA: ELWA, 4770, f/d aerogram ltr w/skcd and request for info on electronics schools in the USA, in 130d air for 3 IRCs, v/s Bolkan M. Aurbulai (GEORGE TX)  
VOA Relay, 17870, f/d "4 seasons" cd, no time (LEDFORD NJ)

MALAGASY (Dem. Rep.): R. Nederland Relay, 11730, f/d cd of curtain antennas in Madagascar in 13d air for 1 IRC (HOPKINS PA), f/d cd of old man in costume in 17d air, no rp (SMITH FL), same in 28d air for 2 IRCs (THIBODEAUX LA)

MALI (Rep.): Rdif. Nationale du Mali, 5995, date/time yellow/tan map of Africa cd in 32d sfc for 1 IRC, FF rpt (HOPKINS PA) see below. bc



MOROCCO: VOA Relay, 15205, f/d "3 scenes" cd in 20d sfc (HOPKINS PA)

NIGERIA: NBC Lagos, 4990, f/d form ltr in 63d sfc for 1 IRC (HOPKINS PA)

RHODESIA: RBG, 3996, date/fqy large cd w/map of southern Africa in 28d air for 1 IRC (returned) (HOPKINS PA)

RWANDA: Deutsche Welle Relay, 7225, no data circles cd in 89d air for 1 IRC, rpt to Kigali, QSL from Cologne (HOPKINS PA); 17765, no data logo cd in 139d air for 1 IRC (HAGEN IL)

SIERRA LEONE: SLES, 3316, f/d aerogram ltr in 41d air for 1 IRC (HOPKINS PA)

SOUTH AFRICA: RSA, 5980, f/d cd "Malachite Kingfisher" in 24d air for 1 IRC (FRASER MA); 9585, same cd in 19d air, no rp (WILLIS PA); 11800, f/d cd w/aerial view of Johannesburg in 30d air for 1 IRC (STONE ONT), f/d cd w/view of Johannesburg from Auckland Park in 24d air, no rp + pennant (MILLER CA); 11900, "Malachite Kingfisher" cd + pennant in 25d air, no rp (HOWELL CA); 15155, view of Johannesburg from Auckland Park in 18d air for 2 IRCs (MATWIEJCZYK MI); 15220, "Malachite Kingfisher" cd in 17d air, no rp (GEORGE TX)  
SABC, 3215, f/d "Industries" cd in 25d air, no rp (HOWARD CA)

SWAZILAND: TWR, 5055, f/d folder cd w/warrior in front of xmtr in 56d air for 3 IRCs (KELLER CA), same in 59d air, no rp (MAYER CA), same in 49d air for 2 IRCs (LOBDELL MA)  
v/s for all cds was Carol J. Olson

TANZANIA: R. Tanzania, 4785, date/fqy drum and studio QSL in 120d for 1 IRC (BEAUDOIN CT)  
v/s S. Saleh

TOGO: Rdif. TV Togolaise, 5047, f/d map/globe cd in 43d, no rp, EE/FF rpt (HOWELL CA)

UPPER VOLTA: Rdif. TV Voltaique, 4815, date/time FF mimeo ltr, 24d, 2 IRCs (OLIVER MA)

**BRUNEI:** Radio Talivishen Brunei, 7215, f/d cd w/city photo and map in 98d air, 2 IRCs (KELLER CA)

**CHINA (People's Rep.):** R. Peking, 9780, date/fqy cd "Store Grain Everywhere" + pennant in 22d air (WONG FL), date/fqy cd of men catching fish at sea in 18d air (CARNS SC), date/fqy cd of train carrying logs in 21d (WORRELL ND); 15045, date/fqy folder card "Happiness Canal" in 14d (MILLER CA); 15060, date/fqy cd of train in forest in 15d (ESQUIVEL CA), date/fqy cd of girl w/toy giraffe in 16d (HOPKINS PA); 15270, date/fqy cd "Red Peony" in 18d (MILLER CA); 17680, date/fqy cd of steel foundry in 21d (FRASER MA)

**CHINA (Republic):** VOPC, 9510, f/d cd w/pix of CC art and logo in 77d air (HOWELL CA); 17890, f/d cd w/Cheng Wen-kuang horse painting in 73d for 2 IRCs (WEBSTER AL), same in 94d, no rp (TRUEBLOOD WI), same in 103d for 3 IRCs (GEORGE TX)

**CYPRUS:** BBC Relay, 17885, no data "London Bridge" cd in 60d air, no rp (HALL CA)

**INDIA:** AIR, 9525, cd "Peacock in Mosaic, City Palace, Udaipur, Rajasthan" in 235d air for 3 IRCs (PECK NY); 9912, f/d cd "Elephant in the bush" in 306d sfc, no rp (LEDFOORD NJ); 11810, f/d cd "Sculpture at Devi Jagadamba Temple" in 415d air, 1 IRC (HOPKINS PA), "Peacock in Mosaic" cd, no time (SWENSEN UT); 11830, same cd in 246d for 2 IRCs (BUHAGIAR ONT); 9705, date only cd w/photo of lioness in 41d air, 1 IRC (JOHNSON FL)

**INDONESIA:** RRI Ternate, 3345, date only II ltr in 33d air for MS and II rpt (HOWARD CA) RRI Sorong, 3365, f/d cd in 19d registered air for MS and II rpt (HOWARD CA) RRI Ambon, 4845, date/fqy II ltr w/veri in 6½ mo for 3 IRCs, (DONLY SC), f/d II ltr + EE QSL cd in 88 and 162d registered air for MS and II rpts (KUSALIK ONT), f/d cd and ltr in 100d air for 1 IRC and II rpt (HOFFMAN PA) RRI Sorong, 4875, f/d cd w/black printing on tan cd in 30d sfc for 1 IRC (FORSMAN CA) V. of Indonesia, 11790, date/fqy cd w/puppet performance in 67d air, no rp (O'BRIEN BC), date/fqy cd showing Cikar cow cart in 92d registered air for MS (KUSALIK ONT)

**IRAN:** NIRT, 15084, f/d cd w/picture of xmtr facilities in 32d air, 1 IRC (FORSMAN CA)

**IRAQ:** R. Baghdad, 9745, f/d map cd w/portrait of Lion of Babylon in 61d air, no rp (PYNE MD); 11905, same in 71d sfc for 1 IRC (JOHNSON FL), same in 93d for 3 IRCs (THOMPSON NM), map cd in 31d for 2 IRCs (OLIVER MA), f/d map cd in 100d sfc for 3 IRCs (LINK CA), f/d bridge and map cd, no time (SWENSEN UT), f/d map and flag cd in 93d sfc for 1 IRC (HAGEN IL), same in 84d for 3 IRCs (KELLER CA)

**ISRAEL:** IBA, 11655, f/d "30th year of independence" cd in 43d air, no rp (GARFIELD MA), f/d cd w/drawing of the Western Wall in Jerusalem in 47d air, 2 IRCs (WORRELL ND), same in 76d air for no rp (PECK NY)

**JAPAN:** R. Japan, 9505, 15105, 15195, 17725, 17825, 17880. Date/fqy cds in 9-25d air. Japanese Bamboo Grove (BUHAGIAR ONT)(HOWELL CA)ESQUIVEL CA, "A Pagoda and Sarusawa Lake" (THOMPSON NM)(MILLER CA)(LEDFOORD NJ)(ESQUIVEL CA)(RUGGLEY IL), "Noh Mask of a Woman" (STONE ONT), "A pair of tachibina dolls" (WEBSTER AL)

**KOREA (Republic):** R. Korea, 9525, f/d schedule cd in 36d for 2 IRCs (THIBODEAUX LA)

**MALAYSIA:** V. of Malaysia, 15295, f/d green map cd, no time (SWENSEN UT)

**MONGOLIA:** R. Ulan Bator, 5053, f/d cd + paper pennant in 14 wks air for 3 IRCs (NEUMANN IN)

**PAKISTAN:** R. Pakistan, 17830, veri statement cd w/pix of Pakistan Handicraft Mkt in 28d air, no rp (LUSKIN MD); 17845, no data cd w/pix of Main Gate, Royal Fort, Lahore in 11d air, no rp (PYNE MD)

Thanks to

Jeff Hopkins

(Note map and  
printing are  
reversed)



PHILIPPINES: FEBC, 11850, f/d green map cd in 29d for 1 IRC (WEBSTER AL); 17810, f/d blue/white map cd in 30d air for 3 IRCs (O'BRIEN BC)  
 R. Veritas, 11955, f/d b/w cd of lotus blossoms in 19d air for 2 IRCs (THOMPSON CA); no fgy cd of post office and overseas complex in 18d air, no rp (MILLER CA)  
 VOA Relay, 11715, f/d "picture" cd in 8d (HUGGLEY IL)  
 QATAR: QBS, 9570, f/d folder cd w/map of Qatar in 182d air, no rp (PETERS KY)  
 SAUDI ARABIA: BSKSA, 11855, f/d white cd w/green crossed swords in 52d air for 1 IRC (HAGEN IL)  
 SRI LANKA: SLBC, 11835, 15120, 15425. f/d color cd of native woman in 23d air for 3 IRCs (KELLER CA), same in 60d for 2 IRCs (LOBDELL MA), same in 4 mo for 3 IRCs (and 21 tries in 3 yrs!) (OLIVER MA)  
 VOA Relay, 15185, f/d "picture" cd in 15d (RUGGLEY IL), 4 seasons cd in 7d (SULAK PA)  
 SYRIA: SARES, 6200, f/d cd w/map of Eastern Hemisphere (note wording is upside down for the map--illustrated on the previous page) in 82d registered air for 1 IRC (HOPKINS PA)  
 TURKEY: V. of Turkey, 9515, f/d cd of dancers in 57d sfc, no rp (GARFIELD MA), same in 75d air (IUSKIN MD), f/d "Turkish Rug" cd in 50d air, no rp (FRASER MA), "Moslem Mosques" cd in 2 mo air (SELLERS ONT), f/d flag cd in 23d air, 1 IRC (LEDFORD NJ)  
 VIETNAM (Socialist Dem. Rep.): V. of Vietnam, 10040, f/d thin white paper QSL + pc in 160d air, 1 IRC (SULAK PA), same cd in 110d sfc for 3 IRCs (KELLER CA); 10060, f/d small form ltr w/stn seal and wrong fgy in 144d sfc, 1 IRC--also pennant (HOPKINS PA); 15012, f/d plain paper QSL w/seal + pennant in 92d sfc, 1 IRC (FOWLER ONT), same, no time (SWENSEN UT)  
 YEMEN ARAB REPUBLIC: R. Sana'a, 9780, f/d form ltr w/stn seal in 162d air, 1 IRC (HOPKINS PA)

#### Oceania

AUSTRALIA: ABC Brisbane, 4920, f/d blue map cd in 30d air, 2 IRCs (THIBODEAUX LA)  
 ABC Melbourne, 9680, f/d green map cd in 42d air, 2 IRCs (THIBODEAUX LA)  
 ABC Perth, 9610, 19450(???) , f/d blue/white map cd in 103d air, no rp (SMITH FL)  
 VNG (time and fgy), 12000, f/d cd w/aerial view of city in 31d, 1 IRC (WEBSTER AL)  
 R. Australia, 5995, 9570, 9580, 11740, 11770, 11835, 15320, 17795, 17870, 21680. F/d cds in 30d air to 120d sfc for no rp, 16d air to 79d sfc for 1 IRC, 19-21d air for 2 IRCs 14d air for 3 IRCs. "Kangaroos" (THOMPSON NM), "Lorikeets" (MILLER CA)(MELLINGER NJ) (SMITH FL), "Scarlet-crested Parakeet" (YAJKO PA)(PROOM GB), "Sydney Opera House" (LOBDELL MA)(MILLER CA)(THOMPSON CA)(THOMPSON NM)(HARADA HI)(WENGCHYN MA), "Pink Rose Cone" (SMITH FL)(YAJKO PA)(MILLER CA), "White Flowering Mallee Gum" (SELLERS ONT) (MILLER CA)(SMITH FL)(STONE ONT)(FRASER MA)  
 GUAM: TWR, 15175, 17855, f/d map cd in 143d air, no rp (LINK CA)  
 NEW ZEALAND: R. New Zealand, 15130, f/d cd of pastoral scene w/lake and mountains in 43d air for 1 IRC (SMITH FL); 17710, f/d cd of man and woman landing a fish from a boat, 14d air for 2 IRCs (THOMPSON NM)  
 PAPUA NEW GUINEA: Radio Morobe, 3220, date only typed form ltr w/veri statement in 72d air for MS, v/s Gabriel Teckwalen, Stn Mgr. (KUSALIK ONT)  
 R. Southern Highlands, 3275, f/d map cd + color pc in 17d air for MS (HOWARD CA)  
 R. East Sepik, 3335, f/d typed ltr on NBC letterhead in 47d sfc for 1 IRC (FORSMAN CA)  
 R. East New Britain, 3385, f/d black/white map cd direct from Rabaul in 2 mo air for 2 IRCs (LOBDELL MA), same from Boroko in 52d air, 2 IRCs (HEATH KY), f/d NBC yellow map cd in 18d air for 3 IRCs (KELLER CA)  
 R. Manus, 3905, f/d map cd + pennant in 15d air for MS (HOWARD CA)  
 NBC Port Moresby, 4890, f/d yellow/white map cd w/logo in 21d air for 1 IRC (SNOWDEN CA), same cd in 22d for 2 IRCs (WEBSTER AL)  
 SOLOMON ISLANDS: SIBS, 5020, f/d black and white cd w/seal and crest in 4 mo sfc for 3 IRCs (DONLY SC)  
 TAHITI: FR3, 15170, f/d island girl cd in 45d air for 2 IRCs (DONLY SC)

#### South America

ARGENTINA: LOL (time and fgy), 10000, date only folder cd w/stn info and seal in 21d air for MS and SS rpt (LAZARUS LA), same cd in 100d air for 1 IRC and EE rpt (HOPKINS PA)  
 RAE, 1710, fgy/mb only blue/white RAE cd, no time (SWENSEN UT)  
 BRAZIL: R. Borborema, 5025, no data pc w/veri statement in 5 mo air for MS and PP rpt (LAZARUS LA), same in 111d sfc for MS and PP rpt. v/s Jose Rogerio do Nascimento (HOFFMAN PA)  
 R. Bandeirantes, 11925, friendly f/d EE ltr in 78d air, no rp, v/s Paulo L. Manfredini (HOWARD CA)  
 R. Cultura, 17815, time/fgy PP ltr in 8 wks for PP rpt w/tape and MS, v/s Jose Onate Gasull (LOBDELL MA), f/d PP ltr in 62d air, no rp, EE rpt, v/s Ana Maria Caldas (HOWARD CA)  
 COLOMBIA: R. Bucaramanga, 4845, date only plain blue/white cd in 19d sfc, no rp (FOWLER ONT), same cd + window decal in 6 wks for MS (not used) and SS rpt (NEUMANN IN)  
 ECUADOR: LV de Galapagos, 4810, date/fgy bird cd in 60d for 2 IRCs and tri-lingual rpt form (BLAIZE LA)

.....Nothing is work unless you'd rather be doing something else.....

**ECUADOR (continued):** R. Quito, 4920, no data blue/white multilingual "thank you" cd in 20d air for 1 IRC, tri-lingual rpt form (HEATH KY), same cd in 5 wks air for MS (not used) and SS rpt (NEUMANN IN)  
 HGJB, 6095, 9560, 11900, 11915, 15115, 17755, 17755. F/d cds in 21-76d air for no rp, 24-28d air for 2 IRCs, 22-24d air for MS. "10-channel control board" (STONE ONT), "bread dough clown (MILLER CA), fisherman (SELLERS ONT), "Enchanting Ecuadorian Coast" (MILLER CA), "Western Plains Coffee Harvest" (SMITH FL)(SMITH ENG)(THOMPSON CA) (POWLER ONT)(WORREL ND)(FRASER MA)(LEDFORD NJ)  
**FRENCH GUIANA:** FR3, 3885, fgy only black/white cd w/logo in 20d air for 1 IRC, FF rpt (HOPKINS PA)  
**PERU:** R. Victoria, 6020, f/d plain white cd w/"Radio El Mundo" world logo stamped in upper left corner, in 236d sfc for 1 IRC, SS rpt (HOFFMAN PA)  
**VENEZUELA:** R. Yaracuy, 4940, date/fgy green/white network cd in 67d air for MS, SS rpt (HOFFMAN PA), same cd in 79d for 1 IRC, tri-lingual rpt form (BLAIZE LA)  
 R. Nacional, 15400, date/fgy cd w/color photo of Altar w/"Venezuela" on bottom in 35d air for 2 IRCs (KELLER CA)

*North America*

**CANADA:** CBC Northern Service, 9625, no data "Horizon Suns" cd in 18d + pennant (JOHNSON), same cd in 19d sfc (WAMPLER VA)  
 CHU (time and fgy), 3330, fgy only Sir Sanford Fleming cd in 12d air, no rp (HOPKINS PA)  
 CZEK, 6160, date/fgy cd w/blue "St. John's" in 12d sfc, 1 IRC (HOPKINS PA)  
 RCI, 5960, 5995, 9535, 9605, 11845, 15325. f/d "Do -it-yourself" Satellite cd in 11d (BYCURA PA), f/d do-it-yourself logo cd "RCI Salutes International Broadcasters Year" in 9-26d (FISHER MA)(GEORGE TX)(MELLINGER NJ)(CHAN OR)(WORREL ND)(SMITH FL)(SMITH ENG) (THOMPSON NM)  
**COSTA RICA:** R. Casino, 5974, f/d plain white cd in EE and SS + pennant in 30d air for 1 IRC (HAGEN IL), same in 31d for 1 IRC (WEBSTER AL)  
**CUBA:** R. Habana, 9685, f/d red/black geometric design cd in 81d air for 1 IRC (WORREL ND), same in 96d air, no rp (RUGGLEY IL)  
**DOMINICAN REPUBLIC:** R. Comercial, 4882, no data personal ltr + sked in 3 yrs, 9 mo air for MS, SS rpt and 12 f/ups (LAZARUS LA)  
 R. Clarin, 11700, f/d large red/white/blue world map cd in 300d air, no rp (STONE ONT)  
**GUATEMALA:** R. Cultural, 3300, f/d green/red/white "Quetzal Bird" cd in 23d air for 2 IRCs (LEDFORD NJ)  
 R. Man, 4825, date only ltr in 36d air for 1 IRC, SS rpt (HAGEN IL)  
 R. Tezulutlan, 4835, blue two-tone picture pc of townspeople in 3 wks air for MS (not used) and SS rpt, w/s Padre Bernardino Ness (NEUMANN IN)  
**MEXICO:** R. Mexico, 9705, no data friendly EE ltr in 109d registered air + pennant for MS and SS rpt (HEATH KY); 15385, same in 15 mo for no rp (LUSKIN MD), same, no time, for EE/SS rpt and 2 IRCs (LINK CA)  
**NETHERLANDS ANTILLES:** TWR, 11925, f/d cd w/map of Bonaire with flamingos in 109d sfc, no rp (WORREL ND), f/d cd of TWR building and flags in 19d air for 2 IRCs (LEDFORD NJ), same cd in 109d sfc, no rp (WORREL ND), "picture" cd, no desc., in 81d sfc, no rp (RUGGLEY IL)  
 R. Nederland Relay, 6195, f/d antenna cd in 42d air, no rp (JOHNSON FL); 9715, f/d "Authentic Costumes" cd in 20d air, no rp (SMITH FL)  
**UNITED STATES:** AFRTS, 6030, 9700, 15430. F/d cd w/Department of Defense Seal in 48d sfc (DeKOYER NJ), in 59d sfc (RUGGLEY IL), in 64d sfc (RUGGLEY IL), in 78d sfc (WONG FL), in 99d sfc (MOODY ITALY), in 111d sfc (HOLLENBECK CA)  
 United Nations Radio, 15410, f/d blue/white cd w/UN seal in 89d sfc for MS (HOPKINS PA)  
 VOA, 15250, 19730(??), f/d 3 scenes cd in 9d sfc (MELLINGER NJ), date/fgy 4 seasons cd in 6d (PYNE MD)  
 WVV (time and fgy), 10000, f/d Indian cd in 7d sfc (WORREL ND); 15000, same cd in 39d (ARCELONI NY)  
 WYFR, 5985, f/d blue/white globe cd in 14d sfc, no rp (LEDFORD NJ); 11805, same cd in 30d air, no rp (BUHAGIAR ONT); 15440, same cd in 14d sfc for MS (HEATH KY)

*Clandestine*

Jolly Rodger Radio, 6210, f/d ltr in 19d sfc (PETERS KY) Station is no longer on the air.  
 V. of the Voyager, 5850, f/d handwritten cds of various sizes (5 x 7½, 5½ x 8½, 4 x 6) and ltrs in response to phoned in reception reports, several postmarked in Detroit, some with bogus postmarks. Time varies up to 53d (MacCOLLIUM IN)(LOBDELL MA)(BLAIZE LA) (PETERS KY)(JONES MS)(THIBODEAUX LA)(BUHAGIAR ONT)(MAGHAKIAN NY)

Well, guess that's it for another month. Remember my deadline--the 15th. Several envelopes of reports came in a few minutes ago--and you have a lot more faith in the U.S. Post Office than I have if you think a letter mailed on the ECNA on the 14th will arrive here on the 15th. Never fear--they'll appear next month. I'm still getting quite a few utility QSLs--remember, these go to Ken Compton. Sending them to me simply wastes time and costs me postage to forward them on. CU in 30.

73's, *Bill*

17 July, 1978

# Tips and Topics

The Feature Section of SPEEDX

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## FROM THE PAPERS

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

cover the shortwave scene. Most newspapers do not cover shortwave extensively, if at all. But what they do cover can sometimes be very interesting and informative.

LISTENING TO THE WORLD. . . Back in the days of the Trylon and Perisphere, a really superb console radio came with several shortwave bands. To impress the novice, the dials were marked "London," "Berlin," and "Moscow" - with not too much fiddling the voice of Benito Mussolini, Josephine Baker or Maurice Chevalier could be brought into an American living room.

The advent of television and stereophonic sound may have lessened the interest in shortwave listening, but a recent Gallup Poll found that 18 million Americans still tune in on a shortwave broadcast at least once a week.

The great names - Collins, Drake, National - are still producing sets, although they cost several thousand dollars; the more affordable \$200 to \$300 radios now come from Japan and Germany. Bloomingdale's reports that its fancy \$1,995 Sony model, with built-in tape recorder is selling well, particularly with hobbyists and embassy personnel. And, on a more modest scale, Heathkit has introduced a build-it-yourself model for \$79.95.

The appeal of shortwave lies in that feeling of history-in-the-making as you listen to an event "live," or the pleasure of suddenly hearing a tiny station in a faraway spot that you've never picked up before.

Newscasts in English are easily picked up from the British Broadcasting Corporation, Radio Canada International, Radio Havana Cuba, Radio Nederland, Deutsche Welle, Radio Israel and Radio Moscow. The British, Dutch and Germans have relay stations in this hemisphere to provide a stronger signal. During the war in Vietnam, Radio Havana broadcast "The Voice of Vietnam" in English to give Hanoi's version of events; today, Radio RSA in Johannesburg broadcasts the South African's Government point of view in North America. During World War II, because of this ability to listen to the "enemy," the United States forced aliens to turn in their radios to the Immigration and Naturalization Service. Today, many governments attempt to jam the broadcasts they don't approve of that originate from other countries.

Shortwave is not all news - Radio Nederland's "Happy Station" program, announced by Tom Meyer who is fluent in English and Spanish, goes from serious topics to music from around the world and is a standby on Sunday nights for SWL's (as shortwave listeners call themselves). Deutsche Welle offers classical music; the BBC and our Voice of America have music and commentary. And the Voice of America is not the only station to broadcast from the White House - Connie Long of CBS is also a correspondent for Radio Israel and signs off with: "This is Connie Long in the White House returning you to the studios in Jerusalem." Another familiar name on shortwave is Alistair Cooke, who began his career with the BBC and still reports from America for that station.

No two listeners will have had the same shortwave experiences, but as a 35 year veteran of the headphones, I can recall:





has been compared to the propaganda of Goebbels. Even Swedish radio has been attacked recently.

Such attacks imply the popularity of the broadcasts. Most politically aware people are thought to have listened at some stage to Western stations: the older generation are said to prefer the BBC, which they think gives a better news service; younger Russians turn to the Voice of America, simply because it comes from America.

In one way, the Soviet authorities worried by the impact of the broadcasts have been helped by some of the radio stations themselves. The Voice of America, reflecting American interest in the subject, has recently given such prominence to the coverage of Soviet dissidents that it would seem as if the whole of this country was in open revolt, which it certainly is not. The effect has been to alienate some listeners. Other stations, such as Peking radio, are so facile in their propaganda that they are simply dismissed as ridiculous by most Russians.

(This article is from the London Times and was sent by C. Harada.)

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OCEAN ENDS...AN ERA. . . For 54 years, telegraph operators clicked out messages to ocean-going vessels from a small radio shack in southern Ocean County. Few knew of its existence, and it seems even fewer knew of its closing in early May. "Well, there wasn't much fanfare, but it marked the end of an era for Morse code communications in New Jersey," George Shawy said in early May.

Shawy is vice president for corporate relations for RCA Global Communications, which operated the ship-to-shore radio service out of Tuckerton, and later Eagleswood since 1924. The station and its call letters, WSC, were known to seagoing radio operators on merchant lines throughout the world, Shawy said. "Most of the traffic was telegrams that ranged from ships manifests to announcements of births to emergency messages," he added.

"But we found it uneconomical to keep the station in operation because more and more of the messages were being handled by the corporation's larger facility in Chatham, Mass.," he said. That facility, WCC, will now handle all the morse code communications for the East Coast he added. He said the eight Ocean County employes will retire or be transferred within the organization if they desire.

(From the Sunday Star-Ledger, May 7, 1978 sent by Craig T. Mellinger.)

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MOSCOW - ER, HONIARA - CALLING. . . The man at the Australian Security Intelligence Organization headquarters put down his earphones and gave his radio monitor a thump. "Damn thing must be playing up," he mumbled to himself. He had been told to monitor the Solomon Islands Broadcasting Corporation and all he was getting was news from Radio Moscow. "Still better to be sure than sorry," he said to himself as he picked up the telephone and dialled the Security and Intelligence Service in Wellington. Perhaps their monitor was working properly and they'd picked up the news programme from Honiara. Perhaps they'd whizz over a tape to prevent the boss from suspecting that he'd been sleeping on the job.

But the ASIO man blanched. Wellington had been getting Radio Moscow too. It was coming from SIBC. What had happened - a pro-Soviet coup out there in our Pacific Ocean? He ran down the corridor shouting "The Russians are coming!" Well, anyway, if an ASIO man had been listening to SIBC one night in December he would have heard Honiara's radio station broadcasting news from Moscow and sharing with listeners a few thoughts from Mr. Brezhnev as well. But it wasn't due to a coup. Simply a tuning mistake. SIBC normally takes its international news broadcasts from Radio Australia, but someone slipped up on the tuning and the news came from Radio Moscow's English-language shortwave broadcast instead. It took about 10 minutes before someone woke up that something was amiss. It was when the female announcer launched into a very long piece on a very long speech Mr. Brezhnev had given recently, that it became clear this wasn't the ABC.

Then a few days later people listening to the SIBC for the relay of Radio Australia's international news heard a cheery voice with a strong American accent say: "Hullo Africans, welcome to African Safari." The gremlins had been at it again. . . or perhaps there had been a coup at SIBC on behalf of the Voice of America, overthrowing whoever it was had turned the dial to Radio Moscow.

(This article was sent by David A. Norcross. The article first appeared in "Pacific Islands Monthly"- an Australian publication.)

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ANGOLA NATIONALIZES CHURCH RADIO STATION. . . Angola's Marxist government has nationalized the nation's Roman Catholic broadcasting service and decreed a government monopoly over all news media, Radio Luanda said.

A presidential decree said the government "should hold a monopoly over information" in Angola, the radio said. "The decision to dissolve Radio Ecclesia and to nationalize all its assets and liabilities was taken at the recent meeting of the ruling Popular Movement for the Liberation of Angola. The decree justified the nationalization by saying the Catholic radio had been set up under a concordat between the Vatican and Portugal, Angola's former ruler, and that the Popular Movement was not bound by it.

(This article appeared in the Worcester Sun Tel., January 29, 1978 and was sent by C. Harada.)

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NEW ANTENNAS FOR VOICE OF AMERICA. . . The Voice of America's relay station at Delano, California has a new antenna - a dipole-curtain array type. Currently operating in the 49 Meter (6 MHz) and 31 Meter (9 MHz) bands, with a 250 kw transmitter, the antenna is designed for operation in the 40 Meter (7 MHz) band as well. The antenna, a standard Model 611 from Technology for Communications International (TCI), is rated for up to 22 dB; of gain, providing high signal levels in targeted receptor areas. The antenna's wideband design will allow VOA to use it for additional frequencies, should the 1979 World Administrative Radio Conference (WARC-79) expand the current shortwave broadcast bands. (Richard J. Monjure)

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GOOD NEWS ON BUSH RADIO. . . It is one of life's injustices that although I think - and so does every second person I talk to - that the BBC's overseas service is the world's best, its monthly programme guide is not available in Britain. I have been looking at the April issue of London Calling and it is every bit as intelligent, informative and entertaining as the Bush House radio service it publicizes. It is what Radio Times should be but what, because of its obsession with trying to be a popular magazine, it patently is not.

Our loss, however, is the world's gain. One hundred and forty thousand lucky people regularly read London Calling. This month, they can have filled in for them the odd gap in their knowledge of lesser and greater giants such as Jo Grimond, Clive Jenkins, Lord Hallsham, Constable and Dickens. They are also told in the kind of calm English that is becoming foreign to Radio Times, why wavelengths are always changing. (London Times, March 10, 1978 sent by C. Harada)

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SUN ENTERING ANOTHER 11 - YEAR CYCLE. . . The sun is just entering a new 11 year cycle and if it proves to be as active by 1980 as Howard N. Sargent III believes it will, that should be good news for ham radio operators, mixed news for citizens band "good buddies" and possibly bad news for satellite designers.

Sargent is the chief solar forecaster for the Space Environment Services Center, a part of the National Oceanic and Atmospheric Administration based in Boulder, Colo. He delivered his forecast Wednesday at the fall meeting of the American Geophysical Union here. Sargent said the 11 years ahead could be the second most active period for the sun in the

last 100 years. If it is, then it probably will affect high frequency radio communication wave lengths - such as those used by hams and CBers - and perhaps satellites operating in space.

The radiation from the sun interacts with the earth's upper atmosphere. And during the time of a so-called "maximum period" in the solar cycle, when sunspot activity and solar flares are more frequent, the disturbances here on earth are much more pronounced. "It will be good times for ham operators," Sargent said, "because radio propagation patterns are much better during times like that. Hams have a term for these conditions: 'working DX.' 'DX' means distance." Ham operators will find themselves communicating with other hams all over the world in 1980, the solar forecaster predicted.

Those with citizens band radios in their cars, campers, recreation vehicles, homes and offices also will find their signals reaching over a greater distance. But, Sargent said, this probably will result in the fixed CB channels becoming glutted with transmissions - and CB users all broadcasting into what, in effect, will be monstrous party lines. "The hams won't face this problem," he said, "because they can shift their frequencies to find a quiet one to talk to someone halfway around the world."

As for Satellites, Sargent said that a great many have been orbited since the late 1950s, the time of the last major solar maximum, and designers may not have anticipated the intense solar radiation which the spacecraft will be facing in a few years. "There may be some surprises in store (for the operators of some of these spacecrafts)," he said. "some may prove to be a little more vulnerable to radiation damage than their builders had expected them to be."

Sargent bases his forecast of solar things to come upon a statistical technique originally developed in the early 1960s by a Russian physicist, Aleksander Ohl. It involves averaging out geomagnetic fluctuations on earth during the final three years of the preceding solar cycle. Based on these fluctuations, Sargent makes his forecasts.

The effects of this new, very active solar maximum on the earth's weather are far from certain. At another session of the meeting here, scientists addressed themselves to the question of the relationship between solar events and terrestrial weather. Although they reported finding some very intriguing correlations between the two, they had to admit that they could find no precise mechanisms to explain the apparent coincidences.

(Los Angeles Times, December 8, 1977. This article was sent by J.A. Somers.)

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WHEN BRITAIN ROCKED TO THE PIRATES' TUNES . . . Ten years ago on August 14, 1967, the Marine Broadcasting Offences Bill became law. Over a period of three and a half years 10 pirate radio stations had at some time broadcast pop music across the air waves of Britain. The best known pirate stations were Caroline and London broadcasting from ships on the North Sea. Other smaller organisations set up less professional stations on ships and also on the disused forts situated in the Thames Estuary. This era of radio changed the history of broadcasting, but whatever happened to those stormlashed ships, the concrete forts and the hundreds of DJs who spent days and often weeks, in the isolation of the North Sea?

#### Fort Complex

A recent visit was made to the fort complex in the Thames Estuary. The shivering Sands Fort housed a station called Radio Sutch, later changed to Radio City. This station was managed by pop singer Screaming Lord Sutch. A few miles away Radio Invicta and Radio 390 broadcasts came from the Red Sands Fort. The fort complex is quite overpowering as one approaches the base of one of the towers. Very rough ladders reach the first level platform and then it is up another ladder through a hatch into the tower. It is possible to walk to three other towers, one of which is still marked "Danger transmitter room."

None of the actual hardware remains, only steel guy wires from the aerial mast which has been removed. Even though the catwalks are sagging, it is very clear that many other visitors, souvenir hunters etc., have risked them during recent years. The forts are fast decaying and plans to have them demolished have never been realized. Their final task will have been to relay pop music and not fire bullets.

The various ships have long been forgotten. Yet the months of preparation, the siting of generators, huge aerials and equipment, cost thousands of pounds. They ranged from converted ferry boats to cargo ships. Even while they were anchored and broadcasting the majority carried a ship's crew and captain.

### Breakers' Yard

One of the most popular of the pirates was Radio London or "Big L" as it was usually called. This was a converted US minesweeper named Galaxy. This ship is still lying in Hamburg harbour with no known future. The Radio Scotland ship MV Comet lies in Flushing Harbour, Holland and is now used as a house boat. Radio 270's Ocean 7, Radio Caroline North's Frederic and Radio Atlantis's Janine have all met the same fate in breaker's yards, in various parts of Europe.

In many cases the ships are stripped of radio equipment by officials and the money raised is used for harbour fees which have not been paid while the ships are waiting for the breaker's yard.

The longest serving radio ship used by Radio Veronica, Nordeney, is berthed in Amsterdam. Much of the space below deck has been converted into a large conference room. Visitors are free to walk on the deck, but even though the transmitter room is empty except for a few wires, visitors are not permitted to go below. In the studio nothing has changed but even though the Nordeney is shipshape, its voice will not be heard again.

Happier days could be ahead for the Mebo II, the Radio North Sea ship which used Holland as a base. After months and months of legal wrangling with the Dutch government over unpaid harbour fees, she departed from Slikaveer Docks, Holland earlier this year. She finally docked in Tripoli harbour, where transmitting tests could be received in England. It is thought the Mebo II will finally move to Benghazi to relay the internal "People's Revolutionary Broadcasting Service."

Last, but not least, is Radio Caroline's Mi Amigo, which has weathered the North Sea since the beginning of the era in 1964. Many incidents have involved Caroline, but she is still on the air today, outlawed by nearly every government in Europe. All its supplies now have to come from Spain, the only European country that did not follow the example of the British government's anti-pirate law.

### Well Known Names

The countless number of DJs who hosted the programmes throughout these stormy times before the MOA are spread far and wide over the globe. The best known, such as Tony Blackburn, Simon Dee, Rosko, Dave Lee Travis, Kenny Everett and Johnnie Walker are all household names. All of these worked on either Caroline or London, or even both when the BBC created Radio 1 to fill the hole the pirates had left, the majority were employed by them.

Today Tony Blackburn and Dave Lee Travis are still everyday names on Radio 1. Simon Des came to the height of his stardom some years ago. Kenny Everett broadcasts on Capitol Radio in London, while being involved in many other sections of the entertainment industry. Johnnie Walker, who was one of the best known Caroline DJs, left Radio 1 for America last year to become a DJ in San Francisco.

To give accounts of the other numerous DJs who sailed under the pirate flag 10 years ago would be endless. The majority entered into some aspect of the music industry, record companies, factory DJs, discos and more recently, to the IBA stations established in Britain.

It could be argued that without the pirate radio era, present stations broadcasting mainly popular music would still be in their infancy. Many people feel that the offshore radio era should be forgotten. There may have been a few justifiable criticisms of the stations but to millions of people they brought pleasure and enjoyment.

This article sent by S. Froom is from the Nottingham Evening Post, August 13, 1977.

=====

DIRECT SATELLITE BROADCASTS. . . The technology is available for direct satellite broadcasts to homes, but there are legal, political and economic problems, said Kenneth Langenbeck, deputy director for engineering and technology for the Voice of America.

VOA is a government agency that broadcasts shortwave radio programs to foreign countries.

"Some countries do not want foreigners to broadcast into their countries," Langenbeck said. Radio programs already are broadcast by such agencies as VOA, Radio Moscow and the British Broadcasting Co.

Satellites would allow the same with television, provided special microwave receivers were available to the viewers. "But who would pay for the receivers?" asked Langenbeck. The agency is "monitoring the technology, legal developments and hardware," he said. "We're watching the world to see how they go, but it'll be a good many years before the roadblocks are removed."

Langenbeck believes that domestic direct satellite broadcasts also are far into the future, primarily because the current television and radio system of networks and local affiliates is firmly established. "I would doubt if anyone would be interested in going to the expense of receiving the same programs they already can pick up from their local stations," said Langenbeck.

(This article from the Raleigh News and Observer, May 14, 1978 was sent by SFEEDX editor Woody Seymour.)

=====

DOMESTIC DX POLL. . . by Dan Brame. . . Every year or so, the EDXC takes a poll of SWL's favorite international broadcasters. I am taking a completely different type of poll. I would like DXers to send me cards telling me their three favorite domestic SW outlets. Any station that beams specifically to national audiences belongs in this category.

I will report the results in a later bulletin. This poll is going to only nine ANARC clubs and one associate, so everybody please send me your votes. All entries should go to: DX POLL - I, c/o Dan Brame, 4051 Crestwood Drive, Northbrook, IL 60062.

=====

ODDS AND ENDS. . . . First, due to the increase in postage costs, I will no longer be able to answer all letters or send out postal cards acknowledging receipt of your articles. If you wish an acknowledgement or a letter from me, please enclose return postage. If you do this, I will be more than willing to reply. Sorry for the inconvenience.

ANARC. . . Well ANARC is over. I surely had a fantastic time. Many SFEEDX staff members were there and we surely lived it up. However, I feel very proud that the convention raised over \$1000 for HAP. This really shows that we DXers and SWL's really care. Therefore, a special thanks must go to Ian McFarland, Dave Brown, and of course Wayne Davis.

DEDICATION. . . This column is dedicated to Joshua Blumenfeld who, unfortunately, was tragically killed at the young age of 16. He was a SFEEDX member and attended many regional meetings of the RAD-MEN. May he rest in peace.

*Arthur J. Hefel*

AUGUST CONTRIBUTORS PAGE

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

1	ANGELONI, RICHARD	NY...DX-160	2	HOLBROOK, HANK	MD...SP-600
1	ASHABRANER, JIM	AZ.....???	3	HOLLENBECK, RUSSELL	CA....FRG-7
2	BAKER, BRIAN	IL.....FRG-7	4	HOOK, JERRY	FL....DR-22
1	BALDWIN, MIKE	NC....FRG-7	5	HOPKINS, JEFFREY	PA....DX-160
1	BEAUDOIN, BOB	CT....FRG-7	1	HOWARD, RON	CA....SB-310
1	BENJAMIN, LORENZO	CA....SX-190	1	HOWARTH, CHESTER	WA....SPR-4
1	BIXBY, MARK	CA....FRG-7	*6	HOWELL, JOE	CA....DX-160
7	BLAIZE, SANDY	LA....51J3	3	HRIVNAK, DONALD	IL....FRG-7
1	BODELL, BOB	OR....R-390A	3	JACKSON, RANDALL	OR.ICF-5900
1	BONILLA, CHARLES	IL..RF-2200	2	JECHENTHAL, JOE	IL....DX-160
3	BONNER, CHRIS	OH....DX-160	2	JHONSON, RICHARD	FL....DX-160
2	BRICK, GEORGE	NH....NC-88	2	JONES, JACK	MS....DX-150A
4	BRODSKY, DAVID	NY.LCF-5900	2	JONES, MICHAEL	CA.CRF-330K
4	BROOKWELL, LARRY	CA....FRG-7	1	KANNRY, JOE	NY....XCR-30
1	BROWN, GREG	MI....DX-160	1	KAPINOS, JOHN	MA....FRG-7
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4	BRYAN, JAMES	CA....SPR-4	4	KAUFMAN, MALCOLM	NY....SW4A
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1	CONNELL, MANSFIELD	MA....R-390A	1	LIGON, HANK	GA....FRG-7
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4	GRENIER, PETE	CA....FRG-7	1	O'BRIEN, JIM	B.C....S-120
2	HAGEN, STEVEN	IL....SSR-1	2	OLIVER, WAYNE	MA....FRG-7
5	HALL, TIM	CA..DX-150B	4	ONKEN, JOHN	IL....FRG-7
1	HALLBERG, SCOTT	IL....DX-160	4	OSTERMAN, FRED	OH..HQ-129X
5	HARDA, CLAYTON	HI....R390-A	1	PAGANO, FRANK	DC..R-6217E
2	HARDESTER, MIKE	WA....SPR-4	5	PECK, MARTIN	NY.ICF-5900
4	HARRINGTON, ROB	CO.....???	4	PETERS, DAVID	KY....R-390A
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1	SELLERS, HAROLD	ONT....9R590	1	TROCHIMCZYK, J. W.GERMANY	WI....XCR-30
1	SEYMOUR, WOODY	NC....SPR-4	1	TRUBEE, BILL	HI....SPR-4
1	SHEEDY, DAN	CA....XCR-30	3	TRUEBLOOD, JOE	WI.....???
3	SHIMIZU, TAKUYA	CA.ICF-5900	*2	UERLINGS, JAMES	OR....SPR-4
1	SHORT, JERRY	CA....R-390	1	WALTERS, JOHN	NJ...R-1530
5	SMITH, ANDREW	ENGLAND.TRK5030E	5	WAMPLER, MICHELE	VA....R4C
5	SMITH, TOM	FL.VEF-204	3	WATANABE, AKIRA	JAPAN.....??
*5	SMITH, TRAVER	CA....FRG-7	1	WATTS, GREG	IN..DX-150B
3	SMITH, WADE	MA....FRG-7	2	WEBSTER, JOHN	AL....FRG-7
3	SNOWDEN, BEN	CA....DX-160	4	WENGRZYN, F.J.	MA..DX-160
1	SNYDER, SCOTT	NY..GE-PORT	4	WHEELER, FRANK	KS...DX-160
4	SOMERS, JACK	CA....FRG-7	5	WILLIS, FRED	PA....SPR-4
1	SPARKS, BILL	CA.....R4B	2	WOLTMAN, FRANK	WI....DX-160
4	STAPLETON, CLAYTON	TX..DC-1270	5	WONG, JOSE	FL...DX-160
6	STARR, TIM	GA..DX-150A	5	WORREL, RICK	ND....WARDS
1	STEEN, RAY	WA....FRG-7	3	YACONO, DOMINICK	NY..D-7000Y
4	STEPHENSON, NORM	CA....FRG-7	2	YAJKO, BOB	PA....SPR-4
4	STICKLE, EDWIN	NY..CF-5605	4	YOHANA, BILL	NJ....FRG-7
5	STONE, WILFRED	ONT...SX-190	4	ZILMER, BOB	WI....SPR-4

A big thank you to 23 first time reporters, they are: Brian Baker, IL; Charles Bonilla, IL; Greg Brown, MI; David Carter, LA; John Connell, MA; David Cook, CA; Richard Duran, NJ; Ron Erickson, IA; John Fitzgerald, RI; John Ledford, NJ; Mike MacCollum, IN; Daniel Matwiejczyk, MI; Charles McMahon, RI; Ronald Pokatiloff, IL; Steven Rambo, TN; Richard Schmucker, NE; Takuya Shimizu, CA; Ben Snowden, CA; Kent Swenson, UT; Keith Thibodeaux, LA; Akira Watanabe, Japan; John Webster Jr., AL; and Jose Wong, FL. We thank 186 reporters, that helped make this issue possible.

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ANARC is seeking a qualified person to become publisher of the monthly ANARC Newsletter. Duties would include publishing and mailing. Contact Dave Brown, 557 N. Madison Ave, Pasadena, CA 91101, and give him your qualifications.

UTE DXers may be interested in the fine article in the July/August issue of Elementary Electronics, by SPEEDXer Harry Helms, titled "DXing Out of Bands". Look for this copy on your local newsstand, let the publisher of EE know if you liked this type of articles, this will aid in presenting more material of this type in future issues.

SPEEDXer Donald Moore would like to get in touch with members in Central PA, for possible local meets and or work shop projects. Contact Don Moore, 134 E. Foster Ave #308, State College, PA 16801 (814)237 1766, no collect calls.

An auxiliary DXers Club is being formed in the San Diego, CA area by Larry Brookwell, 1826 Cypress, San Diego, CA 92154, offering a means for local DXers to become acquainted, exchange product info, evaluate new gear, etc. Monthly bulletin and member list for a large SASE.

Jim McDonald, 3167-A Charles St, Honolulu, HI 96816 would like to donate a Hallicrafters model S-38C to HAP. The tubes light up, but there is no signal to the speaker. Will someone donate the repairing of the rig. Jim would also like to buy a used 1000K, 100K, 10K XTAL marker in the \$20-\$25 range.

Larry Brookwell, address above, reluctantly is offering his Sanyo RP-8880 for sale for \$225, which is \$75 off of the list price. Contact Larry.

Tim Roper is selling his 6 month old Heathkit SW-717 for \$55.00 PP. Contact Tim at 6125 Siegler Blvd, Mobile, AL (205)342 3685. No collect calls please.

John Sulak, 1997 Foster Road Hatfield, PA 19440, is looking for a Great Circle map, centered on Philadelphia or New York City. Can you help John.

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