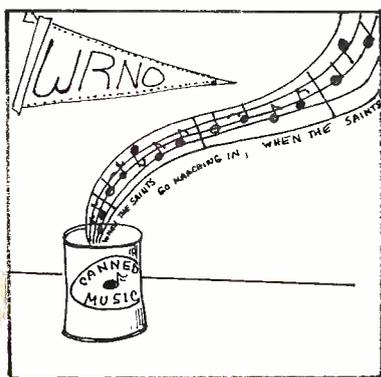
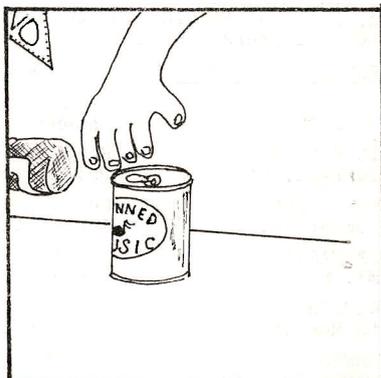
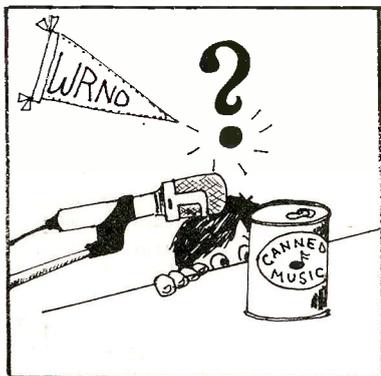


# SPEEDX

## SPEEDX

the dx radio magazine  
for active shortwave listeners



May 1982

Vol 12 # 5



## ANARC RETURNS TO MONTREAL FOR '82 CONVENTION

The Association of North American Radio Clubs, of which SPEEDX is an active member, will hold its 1982 Convention at the Maison de Radio Canada, according to the ANARC Newsletter. The largest gathering of its kind on the NA continent, it will begin on July 23 with a Wine and Cheese Reception hosted by RCI. The closing session will take place on Sunday, July 25. This year's theme will be "Communications".

Montreal's Holiday Inn-Place Dupuis, the convention hotel, is within easy walking distance of Maison de Radio Canada where all the sessions will be held. (Unlike 1978, you won't have to search for a cab to take you to the meetings.) For those who don't care to walk, there's a Metro (subway) station right at the hotel. And a bus stop is nearby, too.

In addition to SWL Digest's Ian McFarland, speakers already announced include AWR Asia's Adrian Peterson, CBC's Lorne Saxberg, and astronomer and propagation specialist Dr. David Meisel. Among the exhibitors you'll see Telesat Canada, Teleglobe, Bell-Northern Research, Bell Canada, and the Canadian Government's Communications and Communications Research experts. A Vintage Radio Exhibit will bring memories to the older SPEEDXers and a peek at the past to younger members.

Registration Forms must be received by June 4 to guarantee hotel accommodations. If you live in the States, you can get your blank by sending a SASE to ANARC 82 at 1500 Bunbury Dr., Whittier, CA 90601. If you live elsewhere, write to Ian McFarland, RCI-African Service, P.O. Box 6000, Montreal, Canada H3C 3A8. This Convention is just too good to miss!

## CANADA WANTS YOUR OPINIONS BEFORE WARC-ITU CONFERENCE

For the first time, a Nation is asking the opinion of SWLs outside its borders as it prepares for the HF Broadcasting Planning Conference of the ITU in Geneva, Switzerland. Through Ian McFarland, Canada is requesting that you, as a SWL, assist its experts by answering the following questions. They must have your response by August 1st.

- (1) What corrective action would you consider useful in resolving the present chaotic conditions in the Intl. SW Broadcasting Bands?
- (2) What action would you deem necessary to make possible a world-wide, equitable allocation procedure for SW Broadcasting Bands?
- (3) What procedure do you see as necessary in any changeover to SSB for international SW broadcasting stations? What sort of time frame should be involved?
- (4) What action do you think might be necessary to achieve an agreement on power limits for international HF broadcasting? What should the limit on transmitter power be?
- (5) Do you think it necessary for any SW broadcasting station to transmit the same program on more than one frequency in a given band, at any time?
- (6) How do you view the national and international aspects of SW airing?
- (7) What do you suggest to solve the problem of out-of-band broadcasting activities carried on by some 30 member administrations of the ITU?
- (8) As an active SWL, what receiver improvements or voluntary standards by manufacturers do you feel might be useful or necessary?
- (9) Do you think the present HF broadcasting bands are being properly used at present? Do you think a World Administrative Radio Conference on HF broadcasting in 1984 would be useful?
- (10) What percentage of your radio listening activities is devoted to SWling? What percentage to DXing?

Please number your answers to match the question numbers and feel free to add any general comments on areas not covered by the questions.

If you live in Europe, mail your answers to: EDXC (RCI-HF WARC), P.O. No. 4, St-Ives, Huntingdon, Cambs. PE17 4FE, England. If you live anywhere else, mail them to: Radio Canada International, RCI/HF WARC, P.O. Box 6000, Montreal, Canada H3C 3A8.

Those responding will receive some interesting communications publications in appreciation of their time and effort. And Ian says, "Thanks!"

Actually, it's quite an honor to have a Nation seeking your expertise. If you take the time to answer, you'll help every SWL/DXer--everywhere!

### CAVEAT EMPTOR -- IT AIN'T ALWAYS WHAT IT SEEMS!

Following our gentle plug for New York bargains last month, we received a letter from SPEEDXer Jan Collins out Oregon way with a word of warning to those seeking a "buy". He bought an ICF-2D01 at a good price from a New York discount house but didn't receive the DC adapter which he was billed for. The refund check they sent him bounced and further letters haven't been answered. He suggests ordering C.O.D. and checking the contents of the parcel carefully before accepting it. We think that's a pretty good idea--if you're dealing with a company for the first time.

### LOOKING FOR HOT DX NEWS? TRY 'SPEEDXGRAM'

If you're a serious and active DXer, we would suggest that you subscribe to your Club's own "tip sheet", SPEEDXGRAM. It passes along the latest info from the BBC Monitoring Service, from DX programs, and from readers. As a supplement to SPEEDX, "it can't be beat" and it costs only US\$4.00 in NA, and US\$6.00 (or 30 IRCs) in the rest of the world, via air mail. Make your check/money order out to Bob Bodell, the GRAM Editor, and send it to him at 9118 S.E. Mason Hill Dr., Portland, OR 97222, U.S.A.

### TIDEWATER AREA DXers FORMING NEW GROUP

All you Virginia Gentlemen, and the Ladies (God bless 'em) who are DXers in the Tidewater area are invited to help in organizing a group of fellow hobbists. If you're interested, contact David Jones, 625 Charlecote Dr. Virginia Beach, VA 23464. His phone number is 420-9015, if you're nearby.

### NOT ALL PIRATES PLAY BASEBALL -- SOME ARE BROADCASTERS

If you like the kind that transmit illegally, you may be interested in a new club called A.C.E. -- the Association of Clandestine Enthusiasts. They have their own monthly bulletin which includes QSL and Station reports, Schedules, Awards and Contests, and Classified Ads. They also have a free mail-forwarding address for members, according to SPEEDXer Chris Michael of Butler, PA. If this is your bag, write to A.C.E., P.O. Box 452, Moorhead, MN 56560.

### WANT TO TRADE QSL CARDS? WDX9KFY IS LOOKING FOR YOU

SPEEDXer Jerry Blake has a handsome black and purple on white QSL card and he's ready to swap cards with anyone. He's been a SWL for 12 years and has been sending our reports for the last two. He says he's jumped from 60 to 71 new countries since last December but "if it isn't in English, I'm a dead duck". As a model railroader, he's also in a Pass Exchange and invites you to send your Pass (effen you got one) and get on the list. His QTH is 2025 Klug Dr., Fort Wayne, IN 46818.

### RUSSIAN INTERVAL SIGNALS AVAILABLE ON TAPE

Word reaches this desk that a high quality C-60 cassette of Russian Interval Signals, plus commentary, is now available for US\$10.00. Jim Young of Wrightwood, CA has a copy and calls it "absolutely fantastic!" He says it's mostly MW reception and the tape is studio quality, "very clean, clear, and accurate!" Interested? Send your ten bucks to: Olle Alm, Tjädervägen 6A, S-87100 Härnösand, Sweden.

### BRITISH MAG HAS GOOD DX COLUMN

From "Hesch (NY)" come stats of two pages of "Radio & Electronics World" headed "Short Wave News For DX Listeners". This British publication is not playing down our hobby in the manner of its US counterparts. On the contrary, it is offering quite detailed logging info from around the globe as well as looking at various receivers. Published by Broadcasting Ltd., 117A High St., Brentwood, Essex CM14 4S6, England, yearly subscriptions are priced in Pounds at: UK-9.50; Europe-10.50; US/Canada-15.00.

### BBC OFFERS EXTERNAL SERVICES JUBILEE SOUVENIRS

A batch of goodies marking BBC's "50 years of broadcasting to the world" are now available to BBC buffs. They range from an Airline Bag priced at seven Pounds to a Car Sticker or a Tin Badge for only 70 pence. If you'd like to get in on this, write to BBC for an illustrated flyer. (They're talking "50 years"--we listened to King George's Christmas messages over the wireless back in the late 20s. From Upstate NY, yet!)

CODA: ANARC reports Radio West is back in business as of April 2. Glad that Grant Manning is back at the old stand. (We're still happy with the 2.9 Collins Mec. Filter he installed in our rig.) 73, *[Signature]*

# PROGRAM

MAY 1982

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

# PANORAMA



BELGIUM...BRT broadcasts in English at the following times:  
1400-1445 GMT(21525, 21810, Mon-Fri only), 1815-1900 GMT

BRT on 9790, 17595) and 0030-0115 GMT on 11695, 15360 kHz.  
P.B. 26 BRUSSELS CALLING is featured on weekdays, while a DX  
B-1000 Brussel and MUSIC BOX program is broadcast on Sun. A new  
program on PHILATELY has been featured recently on  
the station. (Thanks to Ruth Hesch, NY for this information.)

CAMEROUN...Radio Cameroun has sent the following schedule of English programs: (ALL TIMES GMT) Mon-Sat:0505 RHYTHM AT DAWN;0530 THE NEWS; 0545 RHYTHM AT DAWN(until 0600); 0805-1000 ANNOUNCERS CHOICE(Mon), REQUEST FOR YOU AT HOME(Tue, Thu), MUSIC WHILE YOU WORK(wed), AGRICULTURE REPORT, ANNOUNCER'S CHOICE(Fri), CALLING THE WOMAN & MID-MORNING REQUEST; 1300 LUNCHEON DATE(Mon-Fri), VARIETY(1330 Sat); 1400 THE NEWS; 1420 VARIETY(Mon-Fri), WEEKEND SELECTION(Sat); 1430 CATHOLIC ECHOES(Mon) JAZZ TODAY(Tue) LATIN AMERICAN MUSIC(wed) VARIETY MUSIC (Thu) CONVERSATION(Fri) WEEKEND SELECTION(Sat); 1705 STAR ARTISTS--MUSIC(Mon) LITERARY(Tue) UN PROGRAM(wed) CAMEROON POP MUSIC(Thu) VARIETY(Fri) TUNES TO REMEMBER(Sat); 1730 CULTURE & SOCIETY(Mon)  
CNU MAGAZINE(Tue) MID-WEEK REQUEST(wed) UN PROGRAM(Thu) CNU MAGAZINE (Fri) JAZZ TODAY(Sat); 1800 VARIETY(Mon) SPORTS PANORAMA(Tue) CONVERSATION(wed) AGRICULTURE(Thu) CALLING THE WOMAN(Fri) MUSIC, YOUTH CORNER (relay Buea, Sat); 1830 THE NEWS. Sun schedule: 0505 RELIGIOUS MUSIC 0530 MORNING MEDITATION 0615 CAMEROUN REPORT; 1300 REQUEST TIME 1345 POINT OF VIEW 1400 THE NEWS 1430 SPORTS AND RHYTHM; 1730 CLASSICAL HOUR 1830 THE NEWS. Frequencies 900, 4850, 6060. (Bill Annis, IN)

ECUADOR...HCJB has a South America Service in English daily at 2230 GMT on 15175 kHz. You can hear the following programs: Sun CHORDS OF LOVE, SOUNDS OF THE TIMES, PAUSE FOR GOOD NEWS; Mon HCJB HOUR; Tue WORLD OF SCIENCE, WHAT IN THE WORLD; wed MUSICAL MAILBAG; Thu QUIZ TIME; Fri SOUNDS OF JOY; Sat MUSICA DEL ECUADOR, RENDEZVOUS. (Thanks to John Demmitt, PA for this information from HCJB.)

EGYPT(ARAB REPUBLIC OF)...Radio Cairo has the following current schedule for its English Service to North America daily from 0200-0330 GMT on 9475 and 12000 kHz. Daily programs include 0215 NEWS 1 0315 NEWS 2 0325 NEXT DAY'S REVIEW 0330 CLOSE DOWN WITH NATIONAL ANTHEM; Sun programs are 0202 EGYPTIAN MUSIC 0205 ROUND AND ABOUT 0225 COMMENTARY 0235 THIS IS ISLAM 0245 LISTENERS MAIL; Mon features 0202 EGYPTIAN MUSIC 0205 MAIL CALL 0210 EGYPTIAN PROVERBS 0225 COMMENTARY 0235 TALK 0245 EGYPTIAN SONG 0250 GLORY OF EGYPT 0300 BETWEEN CAIRO AND WASHINGTON; Tue has 0202 EGYPTIAN MUSIC 0205 MAIL CALL 0210 QUESTIONS AND ANSWERS 0225 SPOTLIGHTS ON THE MIDDLE EAST 0235 EGYPTIAN ARTS AND LITERATURE 0245 EGYPTIAN SONG 0250 HISTORY OF CAIRO STREETS 0300 MEET THE EGYPTIAN SCIENTISTS; wed 0202 EGYPTIAN MUSIC 0205 TOURISM 0225 COMMENTARY 0235 PIONEERS OF CIVILIZATION 0245 LISTENERS MAIL; Thu 0202 EGYPTIAN MUSIC 0205 MAIL CALL 0210 QUESTIONS AND ANSWERS 0225 EGYPT AND THE WORLD AROUND US 0235 READERS CORNER 0245 IN SEARCH OF EGYPTIAN MUSIC 0300 WOMAN'S MAGAZINE; Fri 0202 HOLY QURAN 0210 PORTRAIT OF EGYPT 0225 EGYPTIAN ACHIEVEMENTS 0235 SNAP SHOTS 0245 LISTENERS MAIL; Sat has: 0202 EGYPTIAN MUSIC 0205 MAIL CALL 0210 QUESTIONS AND ANSWERS 0225 CURRENT EVENTS 0235 HISTORY OF MODERN EGYPT 0245 PASSPORT TO AFRO/ASIAN MUSIC 0300 STAMP COLLECTORS CLUB 0310 EGYPTIAN SONG. (Thanks to Ivan Grishin, ONT for forwarding this information from Radio Cairo. Ivan started the "Listeners Corner" column in "DX Ontario.")

Coming up--Falkland Islands, Finland, Maldives Islands, Seychelles, UK and more information on Page 2 of the May Program Panorama!

**FALKLAND ISLANDS...** SWLers have long known of this small group of islands in the South Atlantic due to the rarity of logging their shortwave broadcasting station. The current British/Argentine conflict over the islands has put them into the headlines of the world news. SWLers can hear some first-hand accounts of the Falklands crisis--not from the FBIS(it's still a rare DX "catch")--but from the special weekly broadcast to the Falklands from BBC World Service. The 35(or so)minute broadcast has been heard over BBCWS for several years on Sunday from 2209-2245 GMT. Current frequencies in use are 9915 and 12040 kHz. **SPEEDXer Ivan Grishin** of ONT and your Editor tuned in to the broadcast on April 4, the first Sunday after the Argentine invasion. The program consisted of a special message from British Foreign Secretary Lord Carrington(prior to his resignation), a complete report of the debate in Parliament, interviews with military and diplomatic experts, a review of the British press opinion, talks with a couple of Falklanders in Britain and messages from relatives in Britain to loved ones on the islands. The presentation was excellent and relatively unbiased(considering the outrage in Britain over the invasion, not an easy task). No reports have been received from SPEEDXers who have been listening to RAE in Argentina, so reports of that station's coverage would be welcomed.)

**FINLAND...** Radio Finland broadcasts in English Daily to all parts of the world. Each broadcast begins with NORTHERN REPORT, followed by one or more feature programs. These programs are first heard at 1930 GMT and are repeated during the next 24-hour period. Here's a schedule of feature programs: Mon/Tue AIRMAIL, NOTEBOOK; Tue/Wed NORTHERN LIGHTS, ON THE TOWN; Wed/Thu SPOILLIGHT; Thu/Fri FRESH AIR, OFF THE CUFF, POP SPIN; Fri/Sat COMPASS NORTH; Sat/Sun DOCUMENTARY; Sun/Mon VOICES OF FINLAND. The repeats of the broadcasts are heard at 2030 GMT, 2130 GMT, 0930 GMT, 1200 GMT, 1300 GMT and 1430 GMT. SUNDAY BEST can be heard for 90 minutes on that day beginning at 0800 GMT and 1300 GMT. (Morris Pfeiffer, NY & Ruth Hesch, NY)

**YLE**  
RADIO-TV  
FINLAND

**MALDIVES(REP. OF)...** SPEEDXer John Demmitt, PA sends in the English schedule for the Voice of Maldives Home Service. The broadcast has feature programs from 1215-1300 GMT, followed by the NEWS at 1300 GMT. No frequency is given, but 4754 kHz has been reported. Feature programs are: Sat YOUR WORLD, ENGLISH MUSIC; Sun UN SCOPE, BBC ENGLISH BY RADIO, SOUNDS OF '81; Mon AGRICULTURE--KEY TO LIVING, LISTENERS CHOICE; Tue PERSPECTIVES, MELODY TIME; Wed OPEN WINDOW--KNOW YOUR NEIGHBOR, BBC ENGLISH BY RADIO, SOUNDS OF '81; Thu WORLD OF EDUCATION, HITS IN GERMANY; Fri WORLD OF HEALTH, BBC ENGLISH BY RADIO, SOUNDS OF '81. (Undated sked)

**SEYCHELLES...** FEBA broadcasts in English daily from 0400 to 0500 GMT on 11810 and 15200 kHz. The broadcast is directed to East Africa. NEWS begins each broadcast, followed by some feature programs. RADIO TODAY can be heard from 0430-0500 GMT Mon-Fri. Other feature programs are: Mon PAUSE FOR THOUGHT, HYMN TIME; Tue BREAK FOR MUSIC, RADIO BIBLE SCHOOL; Wed PAUSE FOR THOUGHT, A TURN TO AFRICA; Thu BREAK FOR MUSIC, BIBLE DRAMA; Fri BREAK FOR MUSIC, MEET THE AUTHOR. Sat features are THE WORLD THIS WEEK, A STORY FOR YOU--JONI, SHOWTIME. Sun has CHRISTIAN NEWS REPORT or FROM THE PRESS, YOUTH FOCUS, GOSPEL RECORD SHOW, GRACE OUTREACH. (Thanks to Kraig W. Krist, VA)

**UNITED KINGDOM...** BBC World Service has some excellent regular music programs. One of the best is called ANYTHING GOES, where Bob Holness plays requests but not just current musical ones--every show has some real funny ones. Listen to is on Sat 1215 or Mon 0330 GMT...A JOLLY GOOD SHOW does take care of the pop music requests--Tue 1345, Wed 0030 Thu 2030 GMT...JAZZ FOR THE ASKING is a "must" for those who like this kind of music--Sun 0630, Wed 2130, Fri 1215 GMT...THE SANDI JONES REQUEST SHOW on Sun at 1345 GMT has always been a favorite of mine, partly because of the sexy-voiced Ms. Jones. Now I see they are replacing her with TONY MYATT (same time), and I'm afraid the show won't be the same."(Thanks to SPEEDXer Roger N. Peterson of CT)

**USA...** AFRTS broadcasts PROGRAM NOTES at 1835 GMT Mon-Fri and 0635 GMT Tue-Sat. Tune in to keep up with the latest AFRTS schedule changes. (Donald McCants, IA) WYFR next month! See you in June. Wednesday 4/19/82



# TECHNICAL TOPICS

Editor

## SANDY BLAIZE

SSB	
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGER	Smeter

Send Technical Questions & Technical Material To: ➡

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

**ANARC MARKETPLACE REPORT...** In the March/April issue of the ANARC Newsletter describes the latest modification of the JRC NDH-515 Memory Unit called the NDH-518. This is simply the same unit modified to allow the use of 96 channels instead of the usual 24!! The external appearance is almost identical to the older 24 channel unit. For more information and prices, contact your JRC dealer or Gilfer Associates, Box 239, Park Ridge, NJ, 07656. (This is the memory unit for use in conjunction with the JRC NRD-515 receiver.)  
\*\*\*SAY YOU SAW IT IN SPEEDX!\*\*\*

+++++  
**60/90 METER DXing...** Some of you have written in wondering: "How do you hear those stations I see logged in SPEEDX? What kind of antenna are you using?" etc...etc... Well this Editor's primary DX machine is a SONY ICF-2001. The "skyhook" is a simple 50 foot length of insulated #20 guage hookup wire. About 25' of it runs up at a 60 degree angle to the top of a magnolia tree, them the rest horizontally to a pine tree. NO, the trees don't add to the DX ability of the antenna!!! The main secret of tropical band DXing is the TIME you listen!! The "tropical bands" are sort of a hybrid between shortwave and medium wave. This in that that both 3.3 and 4.8 Mhz and vicinity are just inside what is called "shortwave". Propagation of these frequencies sometimes follows "shortwave" characteristics and sometimes takes on "medium wave" traits! "LOOP!" antennas, used for years by BC band DXers are still sometimes useful here. Most serious DXing is via DARK PATH between the desired station site and the DXers site. Signals tend to "peak" around the local sunrise at the station's location, whilst the DXer's site is in darkness or very near his local sunset. The reverse condition is also true, viz: Sunset at the transmitter and sunrise at the DXing location. Many charts and computers have been devised to calculate this, the most recent being the "DX EDGE" made by Xantek, Inc. and sold by Gilfer Associates (QTH above). I have found this to be a "frill" but a VERY USEFUL device! (A "frill" in that you can do the same thing with a series of tables or charts, but this gadget is "nicer"!!) Two people that come to mind as tropical band DXers excellence, are Tony Jones and Jack Jones. Maybe they will write up their secrets one day!!!

+++++  
**SPEEDXer DAVID SHARP** recently writes that he has had a hassle with his local Radio Shack dealer about ordering some spare coils for his DX-160. The dealer gave him a lot of static about intentionally breaking the coils! Needless to say he got what he wanted direct from Ft. Worth Headquarters! There were cases like this during the great DX-300 fiasco which had to be set right by head office. If YOUR Radio Shack dealer is giving you a hard time about something, don't get too mad, just keep your sales ticket and get in touch with the Tandy Corp. head office in Ft. Worth. They will be glad to get things straight and keep you as a customer. Who knows, someday you might want a TRS-80 and accessories!!! (What frequency is that beam for Dave???)

+++++  
**GROUND AND TELEPHONE ANTENNAS** (again!) Larry Brookwell write to remind us that a makeshift antenna can be had at times by clipping your antenna terminal to the finger stop of your telephone. This sometimes does work quite well in such places as motels/hotels, but don't expect DXing miracles from such an arrangement! Also, watch out in using a "water pipe" ground. PVC plastic pipe is being used for new installations and repair jobs in some instances mixed with existing copper/steel pipe! Best to rely on a good ground rod you put in yourself. Don't tie onto the ground used by the TV cable company as this might cause you interference!! (Also your set is likely to be damaged if lightning strikes the TV cable near your home.)

+++++  
 If you write for a "personal" answer, I need TWO 20¢ stamps or a S.A.S.E. (Overseas readers send enough of your stamps for 1 oz. airmail NO IRC's as I'm a stamp collector! All the best of DXing until nest month!!! 73!  
 (W5TVW on 3615 khz. 0100/0400 almost daily)

*Sandy*



# SPEEDX Western Hemisphere

**EDITOR: Chris Hansen**  
2825 Webb Ave. 5F  
Bronx, NY 10468

HOME TELEPHONE: (212) 549-6613 0000-0430 GMT  
WEEKDAYS

**Deadline: 12th** ALL DAY SAT/SUN

All times and dates UTC. All fqys in kHz

MAY 1982 /

THIS MONTH IS SORT OF A MILESTONE FOR SPEEDX AND ME -- I have been 'shanghaied' by Art Getzel to edit his column this month because of his wife's recent operation. I am therefore editing three columns this month -- a total of 16 pages. Somewhat of a record, I would guess. I'd rather not do it again, however. I'm glad I can type 100 wpm.

STEVE REINSTEIN in Florida says he heard Ecos del Torbes carrying LV de Cuba Independiente y Democrática, 0106-0135. Fqy was 4980. LV de CID has been ancing this fqy for several weeks. They have different programs on at the same time on the three different fqys (11700 Clarín, 5106 Miami, and 4980 Venezuela). News has also been heard here in the Bronx that the FCC has raided two or perhaps three clandestine transmitter sites in South Florida. Since the U.S. Attorney who refused to prosecute the operators of illegal radio stations in Florida resigned last week, the chances are that any potential FCC prosecution will go forward this time. Steve also notes that 4990, 4940, 4900, 4800 and 4961 all from Venezuela were off on 4/8. If that's 4/8 local time it was probably because of Holy Thursday.

CARL HUFFAKER sends along some comments on the radio angle in the recent Guatemalan coup. "They (the Guatemalan stations) evidently had only one tape of military mx (and it sounded like a tape of U.S. marches that I heard Khomeini play during the crisis there) Stars and Stripes Forever, the Caissons Go Rolling Along, etc. But being good Guatemalans, of course, they soon switched to marimba, and it was really a revolution to marimba mx. All in all, it was an excellently prepared broadcast with long hours of music, and then announcements becoming more and more specific as the official broadcast approached. R. Tezulatlan was the only station outside the capital that was on, which makes me wonder why they didn't use R. Mam as well."

WELL, I'd better get to the loggings this month -- looks rather skimpy, but I'm sure I'll run out of room if I don't get going. So, remembering that any logging with no language reported was heard in SS (or in PP if the station is located in Brazil), I present...

## SOUTH AMERICA /

### ARGENTINA /

- 6060 0840 R. Nacional, Tango, 0845 ID, nx on Great Britain tensions (353; 4/1. Munster, GA)(0835; 242; 3/21. Streeter, NY)  
11710 1030 RAE, Japanese, nx, wx, interview, mx (333; 3/30. Tanaka, JAPAN)(\*0100, cmt attacking Chile, 442, 3/2. Schlesinger, TX)(1900;555;3/10. Lecuona, ARGENTINA)

### BOLIVIA /

- 4730t 0230 R. Abaroa, vocal mx, tentative ID "Esta es Abaroa" @0243 (232; 3/5. Wilkins, CO)

I received two loggings of Bolivia that I won't print -- one of "Radioem. Bolivia" on 4757 @0903 and one of "Radioem. Ballivián" on 4785 @0402-0406\*. I believe that these two loggings are Brazilians -- 4757 could be Rdif. Maranhão, and 4785 could be R. Ribamar. I question these loggings only since Tony Jones, in Paraguay, has not reported either one on in quite a while, and a list in April LN in FRENDX includes neither station. It is easy to confuse SS and PP if conditions are bad. I will keep the loggings, and if they do turn up somewhere, the reporters will be feted in next month's SPEEDX.

- 4797 0100 R. Nueva América, tuned across YL "...4795 kc, R. Nueva América" in the clear, then px lost in QRM (333; 3/20. Huffaker, MEXICO)  
4845 0033 R. Fides, mx, ID "R. Fides, La Paz, Bolivia," futbol ad, nx. TC's 5 minutes slow, U.S. mx, block of taped IDs on the hour (Bucaramanga not on)(343; 3/19. Huffaker, MEXICO)(0004; fr/pr; 3/27. Parks, FL) MEXICO  
4945 0049 R. Illimani, Bolivian mx, "Nuestra Historia," full ID (343; 3/22. Huffaker,

WILL BEGIN BRAZIL ON THE NEXT PAGE. HAPPY SPRING!!! EVEN THOUGH WE HAD A BLIZZARD LAST WK!

BRAZIL

- 3205 0400 R. Ribeirão Preto, tentative here, but definitely PP w/ breezy pops and OM/YL hosts. Ute on fgy seemed to pop up whenever ID given (4/1. Nikolich, IL) (2355; fr; 3/13. Parks, FL)
- 4765 0835 R. Espírito Santo, Local accordian mx w/ usual loquacious OM. ID @0902, NA and ments of Vitorio. Killed by Bolivar @0930 (333; 3/8. Schlesinger, TX)
- 4785 0340 R. Ribamar, nice PP ballads, IS @0400 for about 1 min, ID, then c/ out. (4/1. Nikolich, IL)
- 4805t 0045 R. dif do Amazonas, brief tlk by OM, ballads, KOd by RTTY @0055 prior to ID (fr; 3/13. Parks, FL) Hotaling, NV)
- 4835 0940 R. Nac. Boa Vista, OM w/ accordian mx, "Donald Duck" voice ID (322; 3/13. /
- 4885 0240 R. Clube do Pará, ID by OM, into mx, CW QRM (333; 3/31. Sharp, FL)(0835; 333; 3/28. Nikolich, IL)
- 4895 0927 R. Baré, typical vocal mx, ads, OM DJ, full ID @0928 (443; 3/29. Wilkins, CO)
- 4955.5 0907 R. Marajoara, regional vocal mx, DJ chatter, TCs (333; 3/20. Wilkins, CO) (2315; fr; 3/26. Parks, FL)
- 4985 0802 R. Brasil Central, recorded ID as "Aqui Brasil Central." followed by Brazilian ballads (343; 3/20. Streeter, NY)
- 5045t 0249 R. Cultura do Pará, much mx and talk by OM in PP. However, could not squeeze out ID, so tentative (443; 4/6. Sharp, FL)
- 6035 2310 R. Globo, // 11805; continuation of soccer game (333; 3/19. Harvey, PQ)
- 6045 2315 R. Clube Paranaense, lively OM w/ mix of talk and LAM mx, many IDs (333; 3/14. Harvey, PQ) ger, TX)
- 11765t 2359 R. Tupi, hrd w/ OM shouting/screaming to beat the band (211; 3/7. Schlesin-
- 11780 0720 R. Nac. da Amazônica, IS to \*0800 (That has got to be the world's longest IS)(Well, Peggy, when I was 6 I used to get up early to watch the test pattern on TV. Did you listen intently, or did you just read a book until the px went on, hi! ch) s/on w. vocal @0800, worth waiting for good mx (533; 4/5. Thompson, CA)(2256; 444; 3/19. Harvey, PQ)(0800; 545; 3/22. Hesch, NY)
- 11805 2340 R. Globo, soccer game w/ echo call; some QRM (333; 3/7. Schlesinger, TX) (2250; 333; 3/19. Harvey, PQ)
- 11865 2215 R. Clube de Pernambuco, political px, w/ possible IDs @2230, 2236 (433; 3/7. Schlesinger, TX)(0740; 353; 3/20. Streeter, NY)
- 11925 2344 R. Bandeirantes, soccer game, apparently part of a national net (333; 3/7. Schlesinger, TX)(0020; 222; 3/1. Harvey, PQ)
15215. 2237 R. Timbira, PP/EE?; tlk px w/ ID @2245, QRMed by an unIDed co-channel, and buried by WYFR s/on @2257. Occ. EE cmts hrd (323; 3/21. Schlesinger, TX)
- 15290 0245 R. Brás, EE, tlk on history, mx, (334; 4/2. Miller, CA)(0258; 444; 3/25. Jamieson, CA)(0300; 444; 3/15. Harvey, PQ)(0240; 544; 3/27. Forbes, TX)+1
- 15445 0135 R. Nac. da Amazônica, futbol game, ID (544; 3/26. Sable, CA)
- 17805 1900 R. Bras, EE, pop mx, Brazilian, 6 minutes about tour of back-country inns (353; 3/14. Connell, CA)(1840; letterbox; 444; 3/12. Grosvenor, CA)(0215; 445; 4/5. Michael, PA)(0230; 554; 3/10. Delk, PA)(\*0200; 544; 3/22. Famularo, CA) (0215; Passion Play to observe Good Friday; 554; 3/9. Hesch, NY)(0207; 333; 3/19. Sanderson, AZ)(0223; 534; 3/12. Surprenant, MA; song: "When I Starch My Pants" (I can't sit straight. ch) -- do you believe that?)(0210; 444; 4/6. Shamblin, CA)

CHILE

- 9630 0910 R. Agricultura, nx, "Este es el resumen nacional e internacional de R. Agricultura," (555; 3/4. Lecuona, ARGENTINA)
- 15150 0200 R. Nacional de Chile, tlk, mx (555; 3/12. Kobylski, MD)(2035; cmt on S. Am. affairs, QSB; 332; 3/7. Schlesinger, TX)(0455; 0500\*; 544; 3/21. Berrl, CA)

COLOMBIA

- 4815 0400 R. Guatapurí, OM DJ, lots of talk & ID, 0404\* suddenly (433; 3/16. Manning, TX)
- 4845 0335 R. Bucaramanga, SS/EE, "Mensaje Continental" w/ Colombian mx; Full SS/EE IDs @0353 (343; 3/25. Streeter, NY)
- 4855 0334 R. Neiva, typically Colombian nx nonstop to full ID/s/off w/ NA @0357; (343; 3/21. Huffaker, MEXICO)(0444; election results; 343; 3/15. Wilkins, CO)
- 4865 0202 LV del Cinaruco, nx @0202 mixed w/ ads. ID @0205 by OM, NA/s/off @0206 (444; 4/9. Raymond, MA)(0345; 0400\*; 322; 3/20. Streeter, NY)
- 4875 0253 LV del Norte, mx almost nonstop, ID @0309 (0449\*, Super not on)(333; 3/20. Huffaker, MEXICO)
- 4875 0500 R. Super de Medellín, full ID followed by several recorded slogans and list of stations in net. Then px of LAM mx w/ many IDs (444; 4/8. Streeter, NY)
- 4925 1030 Emis. Meridiano 70, ID, tlk, typical Colombian mx px (353; 3/25. Jones, MS) (0055; gd; 3/20. Parks, FL)(1012; complete ID by OM: "R. Meridiano Setenta, de la cadena Sutatenza de Colombia, emisora nacional con la grande América del Sud... Muy buenos días." 333; 3/3. Cunningham, OH)
- 4945 0455 R. Colosal, LAM mx, poor to fair tlk about Colombia; (233; 3/28. Miller, CA) (0512; 333; 3/27. Levya, MS)(0449; 443; 3/15. Wilkins, CO)(0645; pop/country/disco mx (sounds like a nightmare. ch); 222; 3/10. Lord, CA)(0600; 423; 3/28. Kramer, VA)

LOTS OF YOU LISTENED TO ELECTION RESULTS IN COLOMBIA THIS MONTH! GOOD FOR YOU!

COLOMBIA -- (CONTINUED)

- 4965 0540 R. Santa Fé, OM ID, lively LAM mx, "Santa Fé con música," RTTY QRM (343; 3/27. Levya, MS)(0815; 454; 3/25. Munster, GA)(0502; 333; 3/26. Manning, TX)(0711; 453; 3/29. Thompson, CA)  
 5095 0355 R. Sutatenza, OM ancd fqy & power, NA, 0400\*, severe CW QRM from CFH, Halifax (222; 3/16. Levya, MS)(0120; //5075; 333; 3/17. Thompson, CA)(0322; read a letter from Sr. Ortega in Perú; 555; 4/6. Sharp, FL)  
 5980 0537 R.dif. Nacional de Colombia, chimes, ID, symphony mx (444; 3/20. Jones, MS)  
 6115 0700 LV del LLano, Lively LAM mx, IDs (222; 3/27. Miller, CA)(0812; 454; 3/30. Munster, GA)(2240; Super net promo; fr; 3/26. Parks, FL)  
 6160 0820 Emis. Nueva Granada, LAM mx, RCN ID @0828, 0854 (222; 3/23. Tanaka, JAPAN)  
 15333 0145 R.dif. Nacional de Colombia, LAM mx, ID (444; 3/6. Langlois, CA)(0302; 344; 3/27. Manning, TX)

ECUADOR

- 3240c 0115 R. Antena Libre, Religious mx by choir, mixing w/ R. America, tentative ID @ 0133 (P; 3/27. Parks, FL)  
 3280 \*0959 LV del Napo, s/on w/ waltz mx, many OM anmts during mx, including ID. Then px w/ variety of LAM mx, prayer by OM, several messages (333; 3/28. Streeter, NY)  
 3285 1030 LV del Rio Tarquí, "Colombianized" LAM mx to 1030 ID (322; 3/8. Schlesinger, TX)  
 3380c 0230 R. Iris, local Andean-style mx, tentative ID, positive mentions of Ecuador. Unid ute made reception terrible (322; 4/6. Sharp, FL)(3381; 1052; 444; 4/1. Jones, MS)  
 3390 1011 R. Panamericana, Ecuadorian mx @ tune in. ID, fqy @1015 fol'd by choral NA, "Buenos Días, Ecuador," and into yipping campo vocals. Good signal but tough copy through QRM on/below fqy (422; 3/25. Jones, MS)  
 3396 0219 R. Zaracay, tik by OM, not mx (434; 4/6. Sharp, FL)  
 4680 0500 R. Nacional Espejo, OM anmt, many IDs, mx (433; 3/27. Stone, ON)  
 4800 0535 R. Popular Independiente, EZL LAM vocals, OM TC/tx, Andean mx, no positive ID (332; 3/16. Thompson, CA)(0500; 333; 3/13. B.Raymond, MA)  
 4820 0906 R. Paz y Bien, classical mx, into s/on ID, NA, px, Andean mx px began @0914 (323; 3/3. Schlesinger, TX)(\*0857; ID: "R.dif. Paz y Bien, la mensaje de la cultura saluda cordialmente a todos los amigos...onda media de 1345 kHz, y onda corta de 4820 kHz...then NA (333; 3/20. Streeter, NY)  
 4851 0625 R. Luz y Vida, local mx w/ infrequent YL amnts, OM w/ full ID @0657. 0658\* w/out NA. S/off time varies from day to day (343; 3/19. Streeter, NY)(0532; mainly Mexican mx, occasional dedication, ID giving address @0658, s/off w/out NA; 444; 3/19. Huffaker, Mexico)(Well, gents, was it Andean mx or Mexican mx?? You both heard the same thing!!! ch)(0100; gd; 3/18. Parks, FL)  
 4910 2345 Emis. Gran Colombia, hard rock, ad, singing, All in the Family theme, ID (433; 3/9. Langlois, GA)(0425; 333; 3/24. Streeter, NY)  
 4920 0400 R. Quito, OM w/ full ID, TC using 24-hour time, Banco Popular ad, foll'd by mx (343; 3/25. Streeter, NY)(0443; 343; 4/3. Thompson, CA)(I wish I could reproduce by typewriter the facial comments Peggy appends to her loggings. E.g., this one says: "Andean mx, some vocals," by which I apprehend that Peggy didn't like them, ch)(0450; 222; 3/26; Manning, TX)(0258; 444; 3/19. Davidson, SC)  
 5020 0459\* Ecos del Atrato, "las doce" @0457, "esta emisora, Ecos del Atrato," s/off w/ NA; 48 seconds of NA (That's short by Ecuadorian standards. ch)(343; 3/17. Huffaker, MEXICO) Schlesinger, TX)  
 5050 1035 R. Jesús del Gran Poder, rel px w/ alternating OM/YL over hymn mx (333; 3/23.  
 5061 0405 R. Nacional Progreso, px of local mx w/ OM (252; 4/8. Streeter, NY)(1120; 343; 3/16. Jones, MS)  
 6095 0630 HCJB, EE, DXPL, SPEEDX Report, (554; 3/14. Delk, PA)+1  
 9745 0235 HCJB, EE, DXPL, SPEEDX Report, FRG-700 report (gd; 3/28. Forbes, TX)(0930; good; 3/13. Blake, ??)  
 15155 0054 HCJB, EE, nx, ID, Passport @0100, nx @0125, //17880, 9745 (443; 3/29. Taylor, MO)(0230; 433; 3/16. Surprenant, MA)(1350; 333; 3/17. Brown, NE)(0230; 444; 3/26. Picarelli, CA)(1300; 344; 3/22. Manning, TX)(0230; 554; 3/15. Delk, PA)  
 15180 2340 HCJB, EE, Sounds of Joy, country religious folk mx (453; 3/12. Brandt, FL)(2340; 444; 3/15. Smith, FE) Manning, TX)  
 17890 1355 HCJB, EE, Morning in the Mountains (555; 3/19. Brown, NE)(1335; 243; 3/25./  
 21477 2130 HCJB, DXPL, now using split frequency (333; 3/29. Zilmer, NM)(21477.5; 433; 3/13. de Kiewit, HOLLAND)(2150; 333; 3/15. Peterson, CT)+1  
 26020 2130 HCJB, DD, DXPL, //21477(.5); (242; 3/29. Zilmer, NM)(0240; surprise on this fqy; 322; 3/20. Harvey, PQ)(0246; 343; 3/27. Huffaker, MEXICO, 0257 fade/out)

FAULKLAND ISLANDS

-- No, no one in NA has heard them this month (to my knowledge), but by the time this column has gone to press we will have some inkling of the fate of the Falklands. Listen to RAE @0100-0130 on 11710 for the latest nx from the invaders. Britain calling the Falklands is on 2200-2245 on 12040 and several other frequencies which escape me at the moment. The BBC has also added another program in the middle of the week. And, of course, all the BBC news broadcasts, RNxreels, and 24 Hours pxx have much news on the Falklands and the British Armada. We all hope for a speedy resolution.

FRENCH GUIANA -- FR3

3385 0915 FF, s/on, IS, ID, NA, 0900, //4972, 5055 (222; 3/7. Moman, AB)(0245; fr; 3/14.  
5055 0200 FF, assorted pop mx, EE/FF/Others; (333; Harvey, PQ)(0925; 322; 3/19.  
Hotaling, NV)

Parks, FL)

PARAGUAY

5995 0930 LV del Amambay, Advs, nx "Diario oral matutino" (343; 3/4. Lecuona, ARGENTINA)  
11914 0000 R. Nacional, ID as R.Nacional de Paraguay, surfaced as I tuned across  
(322; 3/22. Moman, AB)

PERU

3240 1006 R. América, LAm/U.S. pops, then ID w/ MW/FM fqys by OM @1016. Into long cmt  
on politics (232; 3/10. Cunningham, OH)  
4790 0910 R. Atlántida, px "Cuando suena el manguaré." (what the heck is a 'manguaré'?  
ch) Ads, "Atención los barcos que navagan por los rios de la Amazonia peruana."  
(444; 3/3. Lecuona, ARGENTINA)  
4810 1023 R. San Martín, ID by YL, Peruvian mx, heavy on flutes (343; 3/25. Jones, MS)  
4815 0645 R. Amazonas, px of local mx w/ OM. frequent IDs, all anmts preceded by short  
bit of lively mx, 0700\* after NA. (343; 3/13. Streeter, NY)  
4840 1030 R. Andahuaylas, OM tlk, mx, ID @1054 (332; 3/19. Tanaka, JAPAN)  
5025 0031 R. Quillabamba, SS mass w/ Indian songs (343; 3/22. Huffaker, MEXICO)  
5045 0353 R. Rioja, campo-style mx, along with typical LAm blend, OM ancr, many ads, and  
ID as "R. Rioja, en la ciudad de Rioja" (334; 4/6. Sharp, FL)(0417; 0427\*, 343; MS)  
3/27. Huffaker, MEXICO)(1044; 333; 3/8. Cunningham, OH)(1100; 433; 3/25. Jones, MS)  
5970 1005 R. El Sol, mx, TCs, ID @1014, 1021 (222; 3/26. Tanaka, JAPAN)  
6176 1030 R. Tawantinsuyo, mx, ID @1030 (222; 4/2. Tanaka, JAPAN)  
6190 1128 R. Oriente, ID, Peruvian mx, fading fast (343; 3/10. Jones, MS)  
6195t 1005 R. Cusco, local favorites w/ about a 200-wpm OM ancr, some het, but QSB was  
biggest problem (342; 3/9. Schlesinger, TX)(You don't mention an ID, ch)  
6726 0205 R. Satelite, campesino mx hosted by OM, occasional mention of "Satelite."  
(fr; 3/27. Parks, FL) Tanaka, JAPAN)  
9485 1106 R. Tacna, pop mx, ID, ads, TCs (333; 3/31. Jones, MS)(9486; 1031; 333; 3/21.

SURINAM -- R. Apintie

5006 0201 Dutch, continuous mx, mostly EZL/jazz, ID @0210, unid carrier causing  
troubles (423; 4/6. Sharp, FL)

URUGUAY

6035 0000 CXA30 La Radio, OM ID "Esta es CX30 La Radio, Montevideo, Uruguay." (433; /  
11835t 0008 R. El Espectador, tlk px w/ OM, buried by BBC @0030. Also QRMed by VOA  
@11830, heavy QSB (221; 3/22. Schlesinger, TX) 3/18. Lecuona, ARGENTINA)

VENEZUELA

3225 0132 R. Occidente, beautiful LAm mx by YL, infrequent IDs by OM, approaching  
storm made QRN bad at times (434; 4/6. Sharp, FL)(0320; 0352\*, 433; 3/24. Streeter,  
3255 0353 LV de El Tigre, OM nx w/ Rumbos-type chimes, full ID, then 0359\* NY)  
(322; 3/24. Streeter, NY)(\*0956; 353; 3/9. Jones, MS)  
4760 0150 R. Frontera, LAm ballads, ID by OM @0200, interview px (fr; 3/31. Parks, FL)  
4770 0250 R. Mundial Bolívar, full ID, ancr, lively LAm mx (433; 3/11. Stone, ON)  
(0310; canción sobre cumpleaños y mas canciones; 433; 3/22. Kramer, VA)  
4780 0934 LV de Carabobo, OM TCs after each song, Andean mx/vocals/ID (433; 3/20.  
Thompson, CA)  
4800 0355 R. Lara, OM w/ ID, s/off, NA (434; 3/29. Berri, CA)(0147, 433; 4/6. Sharp, FL)  
4840 0345 R. Valera, mx, traditional songs, ID, NA, 0355\* (353; 3/17. Connell, CA)  
4900 0340 R. Juventud, rock "Shake It Up" (the Cars), ID/fqy @0351, na, to 0353½\*,QRN  
(323; 3/18. Garrett, CA)(0358; 433; 4/5. Leeman, RI)  
4940 0332 R. Yaracuy, ID: "R. Yaracuy, 1090 kHz, 10 mil vatios de potencia, YVPA,  
4940 kHz onda corta, banda internacional de 60 metros, 10 mil vatios de potencia,  
transmite de San Felipe, capital de la estado de Yaracuy, República de Venezuela"  
(433; 3/18. Huffaker, MEXICO)  
4970 0127 R. Rumbos, OM ID as "R. Rumbos, la emisora Venezuela." ad for "Banco de los  
Trabajadores" (534; 4/5. Sharp, FL)(0410; 444; 3/20. Speer, CA)(0345; 0400\*;  
353; 3/27. Connell, CA) (0405; 344; 3/16. Manning, TX)  
4980 0253 Ecos del Torbes, OM TC, ID over guitar, CW QRM (434; 3/9. Davidson, SC)  
5030 0240 R. Continente, station ID, (333; 3/11. Stone, ON)(0420; 444; 4/8. Streeter,  
NY)(0140; 544; 4/5. Sharp, FL)(0415; 233; 3/6. Manning, TX)(0347; 434; 3/15.  
Shamblin, CA)  
5040 0240 R. Maturín, OM, long LAm mx selection, ID (534; 3/9. Davidson, SC)  
6180 1240 R. Turismo, OM ancr, mx, ID (3/9. Sarkisian, MI)

NORTH AND CENTRAL AMERICAANTICUA

6040 0109 DW, EE, Microphone on Europe - metal workers' contract, mx; profile on a  
Jewish man for Brotherhood Week (444; 3/9. Demmitt, PA)(\*0100, 544; 3/30.  
Thompson, CA)

ANTIGUA

- 6175 0358 BBC, EE, OM w/ classical mx (544; 4/6. Shamblin, CA)(0430; 544; 3/16. Manning, TX)(0506; 555; 3/29. Thompson, CA)(0120; 555; 3/21. Creamer, CO)(2330; 444; 3/8. Demmitt, PA)
- 9510 0830 BBC, EE, rather long winded OM w/ lecture on Western security (444; 3/23. Schlesinger, TX)(0708; 544; 3/22. Thompson, CA)
- 9545 0545 DW, EE, documentary, 0550\* (433; 4/8. Leonard, ME)
- 15105 2130 DW, PP, s/on to Brazil (344; 3/25. Manning, TX)
- 15205 1100 DW, IS, ID, nx (544; 3/9. Lecuona, ARGENTINA)

BELIZE -- R.Belize

- 3285 0210 EE, request px hosted by OM, played many requests, mostly U.S. pops; also // 834 kHz, in well (544; 3/25. Sharp, FL)(0250; 343; 3/9. Leite, MA)(0150; 422; 3/23. Davidson, SC)(0357; 222; 3/17. Manning, TX)(0530; 433; 3/12. Delk, PA)(0350; 534; 3/10. Baker, DE)(0444; 333; 3/13. Wilkins, CO)+1

CANADA -- I am sure that all we Americans congratulate Canada on the patriation of its Constitution, to be consummated tomorrow (4/17) by Queen Elizabeth in Ottawa.

- 5960 0105 RCI, EE, SWLD, info on clandestines, (544; 3/22. Harvey, PQ)(\*0400; 434; 3/22. Shamblin, CA)
- 6070 0822 CFRX, Toronto, interviews with Minister of Communications and the president of ShellCanada (354; 4/1. Munster, GA)(2105; Jack Kerby Show; 453; 3/21. Hill, VA)(1430; 433; 3/28. Harrell, IL)(1255; 454; 3/8. Demmitt, PA)(1920; 222; 3/7. Baker, DE)(2138; 333; 3/11. Tedfords, MI)(0740; 322; 3/14. Hotaling, NV)(0613; 544; 4/5. Speer, CA)(1130; 333; 3/26. Sharp, FL)(0740; 433; 3/27. Miller, CA)
- 6080 0920 CKFX, Vancouver, EE, C+W mx, //1130 MW also in well (343; 3/7. Moman, AB)(0730; 222; 3/11. Lord, CA)(0842; 3/28. Nikoich, IL)(0815; 322; 3/11. Hotaling, NV)
- 6130 2247 CHNX, Halifax, EE, pop mx, ID, CHNS nx, heavy QRN (222; 3/26. Tedfords, MI)
- 6160 0840 CKZU, Vancouver, mx-by George Benson, Streisand, Cincinnati Pops, 0900\* w/ NA (333; 3/11. Hotaling, NV)(0630; 454; 4/5. Speer, CA)
- 6195 2345 CBCNQSWS, Eskimo, C+W mx (454; 3/9. Fraser, MA)(0520; co-channel QRM from BBC's GG svce; fr; 3/13. Kornek, FRG)(0300; 453; 3/15. Connell, CA)
- 9535 \*0200 RCI, EE, nx, wx, sx, wheat exports (544; 3/29. Krist, VA)(0320; SWLD, 454; 4/5. Marin, FL)
- 9575 1302 RCI, EE, CBC nx, seal hunt protest. (555; 3/8. Demmitt, PA)
- 9625 2010 CBCNQSWS, EE, mx (333; 3/16. Peterson, CT)(2225; 444; 3/14. Krist, VA)
- 9755 0115 RCI, EE, nx, sx, (544; 3/20. Thompson, CA)(0215; 555; 3/14. Picarelli, CA)(2315; 555; 3/8. Demmitt, PA)
- 11720 1722 CBCNQSWS, pop mx in totally unfamiliar language (Cree?)(444; 3/14. Lizami, ON)(1414; 444; 4/3. Krist, VA)
- 11905 2000 RCI, EE, nx, wx, (233; 3/1. Manning, TX)
- 11945 \*2129 RCI, SWLD in EE, (454; 4/3. Krist, VA)(2144; 544; 4/7. Leonard, ME)
- 15190 2330 RCI, IS, ID, nx, cmt (544; 3/17. Lecuona, ARGENTINA)
- 15325 \*2130 RCI, EE, nx, wx, sx w/ Bob Cadmon, African svce (555; 3/29. Krist, VA)
- 17820 1825 RCI, EE, Afr. svce, mx, nx (555; 3/17. Brown, NE)(2020; 433; 3/24. Sanderson AZ)(0016; 544; 3/22. Shamblin, CA)
- 17875 \*2130 RCI, EE, nx, sx, SWLD, (444; 3/27. Krist, VA) Smith, FL)
- 21695 2015 RCI, EE, tlk on agriculture, ID (443; 3/31. Famularo, CA)(2025; 454; 3/24./

COSTA RICA

- 4832 0436 R. Relej, OM, many IDs/ICs, IDs, nx (333; 3/27. Levya, MS)(0540; 322; 4/4. Speer, CA)(0520; 444; 3/12. Delk, PA)(0440; 353; 3/30. Marin, FL)
- 5055 0230 TIFC, Faro del Caribe, tlk, LAM mx (454; 3/9. Leite, MA)(0232; 444; 3/9. Davidson, SC)(0339; 333; 3/15. Shamblin, CA)(0315; Billy Graham's Hour of Decision on how to have a happy home and marriage; 544; 4/6. Sharp, FL)(0830; 333; 3/6. Robinson, AUSTRALIA)
- 6035 1133 R. Nacional de Costa Rica, nx, TCs, frequent IDs (443; 3/10. Jones, MS)(0202; QRM from AFRTS; 322; 3/11. Schlesinger, TX)(1215; fr; 3/17. Parks, FL)

CUBA

- 10000 1232 Radio Moscow, cmt (bag of lies) on top of WWV, a low fqy het (444; 3/23. Cuppy, IN)
- 11760 0345 RHC, EE, interview w/ Philip Agee on El Salvador and Nicaragua (444; 3/29. Famularo, CA)(0408, 344; part of speech by Grenadan leaders on initiation of new transmitter; 344; 3/25. Manning, TX)(0516; 534; 3/16. Shamblin, CA)(0212; Fidel's 4/4 speech at Karl Marx Theater; 444; 4/5. Leeman, RI)
- 11930 0130 RHC, EE, mx, sx, nx, (555; 3/8. Duguay, MA)(0100; 433; 3/28. Krist, VA)
- 11950 2030 RHC, EE, sx, "For Your Listening Pleasure" (233; 3/1. Manning, TX)
- 15175 2054 RHC, EE, tlk economy, growth, and how wonderful Cuba is as a place to live. (444; 3/29. Krist, VA)
- 15230 1909 RHC, many IDs, nx (444; 3/21. Forbes, TX)(2345; 444; 3/26. Langlois, GA)

DOMINICAN REPUBLIC -- R. Clarin

- 11700 2335 OM w/ mx, TC, ID (333; 3/14. Hotaling, NV)(0111; 433; 4/5. Speer, CA)

GET THOSE LOGGINGS IN EARLY FOR NEXT MONTH! DEADLINE 5/12. NO CREDIT FOR LATE W/H LOGS!!!

EL SALVADOR / -- R. Nacional de El Salvador OR R. El Salvador

9553 1037 Px of campo mx and 'laid-back' (almost drunken!) t1k by OM ancr, with TCs so often they could double as a time station (at least one a minute). Clear IDs @1056/1100 as "R. El Salvador". (433; 3/23. Cunningham, OH)(0205; ID: "LV de San Salvador" or "Cadena Nacional de Radio y TV de El Salvador" or "Cadena de R. y TV Salvadoreña" or "R. El Salvador." 433; 3/28. Huffaker, MEXICO)(0406; ID as R. El Salvador, 433; 3/20. Jones, MS)(0441; 333; 3/21. Manning, TX)

GRENADA / -- R. Free Grenada

15045 2340 EE, px w/ Lee Smith, possibly BBC News relay, foll'd by mx; 0030\* (242; 3/20. Kobylski, MD)(2215; ad for "Dragon" Insecticide -- hope it really slays 'em. (St. George Insecticide for dragonflies? ch) 443; 3/16. Hesch, NY)(2307; ID w/ OM of a deep Caribbean accent, nx of meeting of National Transport Service (2 bus drivers? ch), 2 new books on the launching of freedom in Grenada, 222; 3/7. Lizami, PQ)(2247; 333; 4/6. Shamblin, CA)(2322; 333; 3/29. Taylor, MD)(0010; 343; 3/19. Kobylski, MD)(2300; 433; 3/8. Langlois, GA)(2200; 333; 3/30. Moss, CA)(2343; 344; 4/5. Surprenant, MA)(2300; 443; 3/2. Schlesinger, TX)(2300; talk about the attempted coup in Surinam, 555; 3/17. Lecuona, ARGENTINA)

GUATEMALA /

3300 0308 R. Cultural, EE, rel. mx,nx - Back to the Bible (222; 3/16. Levya, MS)(0241; transmitter acted up whole time, this is the 6th time in 8 days that RC pxx have been interrupted; 545; 4/6. Sharp, FL)(0430\*, 433; 4/4. Speer, CA)  
3380 0304 R. Chortis, campesino mx hosted by OM, lots of marimbas (Quel surprise!! hi! ch); gd; 3/14. Parks, FL)

HAITI / -- R. 4VEH

11835 2259 EE, rel. px; (322; 3/30. Jones, MS)(2324; 322; 4/6. Shamblin, CA)

HONDURAS /

4780t 1208 R. Juticalpa, tentative ID by OM, t1k, mx (222; 3/7. Moman, AB)(4781, 1115; long ad string, ranchera mx; 444; 3/22. Jones, MS)  
4820 0510 HRVC, LV Evangelica; EE, rel px, QRN (422; 3/12. Delk, PA)(0401; 423; 3/14 Manning, TX)  
4910 0100 HRXK, LV de la Mosquitia, EE, px of religious Christian pop mx, many IDs by YL -- "This is HRXK, LV de la Mosquitia, at 4910 on your radio dial from Puerto Lempira" 233; 4/7. Fisher, MA)(0305\*, s/o anmt by YL, after EE rel px (433; 3/29; Jones, MS)(0100; 322; 3/1. Manning, TX)

MEXICO /

2390 1230 R. Huayacocotla, Mexican, EZL mx, pretty good signal (333; 3/9. Schlesinger, TX)  
6020 1142 XEU, amnts by OM/YL - "La U de Vera Cruz", YL "XEU", OM; ranchera mx (444; 4/1. Jones, MS) Sanchez, CA)  
6115 1548 R. Univ. de Sonora, some classy classical guitar mx, ID @1558 (343; 3/10. /  
6165 1144 LV de la América Latina, hrd w/ t1k px, ad string @1149, bad modulation problem (322; 3/9. Schlesinger, TX)  
6185 1245 R. Educación, children's px w/ choir, marimba band hosted by YL, ID by OM @ 1258; (fr; 3/18. Parks, FL)(0725; 343; 3/28. Streeter, NY)(1025; carnival mx; 343; 3/23. Jones, MS)  
9600 2100 R. Universidad, México, class. mx, ID by OM, jazz, ko'd by GG station, RBI? (fr; 3/23. Parks, FL)(First report of this one I've ever seen. ch)  
15430 0212 R. México Internacional, ID by OM, then brief YL talk, into SS song called "Hello, Hello," (433; 4/6. Sharp, FL)

NETHERLANDS ANTILLES /

6165 0230 RN, EE, "Happy Station," (555; 4/5. Michael, PA)(0320; talk about fines for overdue library books in U.K.; 555; 3/9. Demmitt, PA)(0550; Media Network; French porno radio (I guess you 'imagine' the filthy parts. ch); 555; 3/12. Delk, PA)(0230; 555; 3/14. Picarelli, CA)(\*0530; 544; 3/29. Thompson, CA)(0343; 544; 3/22. Shamblin, CA)  
9590 0239 RN, EE, nx; (333; 3/19. Sanderson, AZ)  
9715 0433 RN, Dutch, nx, cmt on C.Am. (544; 3/20. Hill, VA)(0845; 544; 3/4. Hill, VA)(0550; 544; 3/22. Thompson, CA)  
9755 0515 TWR, EE, Frank Mills w/ "Caribbean Nightcall" (444; 3/22. Shamblin, CA)(0434; 455; 3/24. Manning, TX)  
15440 0330 TWR, talks by OM, IDs, (334; 4/5. Miller, CA)(2335; 444; 3/19. Creamer, CO)  
17695 2111 RN, EE, Happy Station, (454; 3/28. Krist, VA)(2315; 545; 3/20. Shamblin, CA)(2030; 344; 3/25. Manning, TX)

NICARAGUA /

5950 0325 LV de Nicaragua, t1k, mx (433; 3/9. Miller, CA)  
6120 1300 R. Zinica, OM ancr w/ t1k, mx (3/9. Sarkisian, MI)(\*1123; OC from 1115, s/on @1123, quick ID simply as "R. Zinica," by YL, then NA. Opening amnts @1124 after drums, mention of "Sandino" and "desde Nicaragua libre". Into px of 100% US pop/soul mx. Good/excellent level this morning (3/9. Cunningham, OH)

MY GOODNESS -- TWO WHOLE PAGES FOR U.S. AND CLANDESTINES! I'M OVERWHELMED!!!

UNITED STATES OF AMERICA

- 5985 0347 VOA, EE, "Voice of Free China (over WYFR), YL w/ "Cultural Panorama" (444; 4/6. Shamblin, CA)(0300; \$60 million deal with U.S. delayed because of protests from the People's Republic of China; 544; 3/9. Demmitt, PA)(0309; "Let's Learn Chinese," piece on Taiwanese digital watches (Yes, they show the time, month, day and year -- the year is 1952. They also supply digital watches to the White House -- the year is 1882. ch); 444; 3/1. Manning, TX)
- 5995 0415 VOA, EE, "Breakfast Show" (444; 3/16. Manning, TX)(0329; 544; 3/21. Shamblin, CA)(0522; talk about U.S. aid to Jamaica. 555; 4/8. Leonard, ME)
- 6030 0230 AFRIS, EE, OM w/ nx, PSAs (554; 3/29. Thompson, CA)(0200; AP nx, UPI/NBC nx, 544; 3/9. Demmitt, PA)(0334; 434; 3/22. Shamblin, CA)(0230; ad for wills for servicemen (Especially those on the way to El Salvador. ch); 555; 3/29. Krist, VA)
- 6070 0438 WYFR, EE, read book on marriage (454; 3/24. Smith, FL)
- 6080 0654 VOA, EE, Safari px - banjo mx by Don Reno (544; 3/22. Thompson, CA)
- 6115 0650 WRNO, EE, rel. px, 0650 f/in (233; 3/14. Robinson, AUSTRALIA) ger, TX)
- 6130 \*0000 VOA, EE, Caribbean Report, also on unannounced 21460 // (444; 3/2. Schlesin-
- 6145 0720 WRNO, EE, string of religious pxx separated by standard WRNO ID (243; 2/28. Robinson, AUSTRALIA)
- 6155 0200 WRNO, ID, rock mx, sked, QSL message, px from the International Shrine of St. Jude (Since he's the Patron of Hopeless Cases, let's participate in the Novena to St. Jude for the intention of getting QSLs out of WRNO. ch)(533; 3/14. Carson, WV)(0215; no amnts, 444; 3/20. Kramer, VA)(0338; 433; 3/22. Shamblin, CA)(0236; 444; 3/29. Krist, VA)(0330; 444; 3/23. Delk, PA)(0305; 555; 3/5. Baker, DE)(0330; all 1,000 Charter Memberships have been issued -- (Where are they -- on Mars?? ch); 444; 3/9. Demmitt, PA)(0245; 444; 4/1. Moss, CA)
- 9535 2201 WYFR, EE, "Unshackled" (333; 3/7. Manning, TX)
- 9615 0409 KGEI, rel mx, OM/YL read messages and greetings (344; 3/14. Manning, TX)
- 9650 0245 VOA, EE, "Springtime, U.S.A." px (555; 3/22. Claytor, MI)
- 9715 1115 WRNO, EE, as above (Above where -- reports are cut apart for sorting by the CDE or myself. ch)(343; 3/14. Robinson, AUSTRALIA)
- 9725 \*0115 WRNO, EE, mx "Police" Donna Summer, etc. SRI IS underneath; 0200\* (544; 4/2. Egan, ON)(Paul, the Canada Post delayed your reports until the 13th of April, and by that time I'd sorted S.Am. reports already, so this is the only report I could get in. However, welcome to SPEEDX anyway and try again next month. ch)(0015; 354; 3/14. Manning, TX)(0120; 443; 3/10. Miller, CA) li, CA)
- 11710 1315 VOA, EE, cmt on Dutch TV reporters killed in El Salvador (444; 3/20. Picarel-
- 11790 0100 AFRIS, EE, mx, nx on SAM (555; 3/8. Duguay, MA)
- 11830 1404 WYFR, EE, Family Bible Reading Fellowship (444; 3/16. Brown, NE)(2103; 3/23. 233; Manning, TX)
- 11915 2212 WRNO, EE, TC, fqy of best ID, soft rock mx (444; 3/30. Smith, FL)
- 11955 2330 WRNO, EE, Inaugural edition of gh's "World of Radio" px, ½ hour of the latest nx about radio & broadcasting -- first chance I've had to actually hear the px. May be the best thing about WRNO so far! (@0000 they aned a change to 9725, but were still here @0025)(444; 3/7. Cunningham, OH)(2325; 344; 3/14. Manning, TX)(2314; 222; 3/19. Harvey, PQ)(2213; 454; 3/8. Hesch, NY)(2222; 444; 3/13. Tedfords, MI)(2300; 555; 4/4. Michael, PA)(2330; 433; 3/14. Moman, AB)(2215; 323; 3/13. Robinson, AUSTRALIA)(2330; Moscow QRM on 11960 kHz (433; 3/28. Krist, VA))
- 15120 1843 UN Radio, EE/PP, ID/SKED by YL in EE, nx in PP @1845 (444; 3/12. Harvey, PQ)
- 15185 2035 WINB, EE, talk on what God wants (I guess WINB has a private line upstairs? ch)(353; 3/29. Krist, VA)(2136; 434; 3/21. Shamblin, CA)
- 15205 0000 VOA, EE, nx, mx, cmt on S.Africa, (444; 3/15. Langlois, GA)
- 15250 2100 WRNO, EE, jazz mx, OM ID (444; 3/6. Langlois, GA)
- 15280 2130 KGEI, s/on in EE, address and ID, into "Haven of Rest" px (sounds like a cemetery. ch)(222; 3/11. Tedfords, MI)
- 15365 2250 WYFR, EE, Open Forum px, Radio Reading circle (444; 3/29. Taylor, MO)
- 15420 1830 WRNO, EE, Carole King song, ID/info on QSLs, song by Journey (444; 3/12. Harvey, PQ)(1800; IS, ID, mx; 444; 3/22. Delk, PA)(1845; 555; 3/25. Claytor, MI)(2000; Visit with Pastor Benson, Bible Study px; 555; 3/17. Schroeder, WI)(1915; 232; 3/10. Miller, CA)(2140; Israel and the New Testament; 544; 3/14. Stone, ON)(1819; Russian language speech, very emotional; 555; 3/27. Kobylski, MD)(2114; usual menu; 444; 3/29. Krist, VA)
- 15430 1630 VOA, EE, country mx, ID (very good, 4/2. Addison, KS)
- 15440 1825 WYFR, EE, discussion on the "Yoke of Bondage" (sounds pretty kinky to me for a religious station. ch)(444; 3/12. Harvey, PQ)
- 17730 0005 VOA, EE, Polish news (544; 3/22. Shamblin, CA)
- 17765 0230 VOA, EE, nx, sports, OM ancr; (3/2. Sarkisian, MI)
- 17780 0240 VOA, t/k on Panama, transfer of canal (444; 3/20. Grosvenor, CA)
- 17845 0000 WYFR, EE, Family Bible study (444; 3/29. Taylor, MO)
- 17895 1945 WRNO, EE, lots of pop mx (444; 3/2. Manning, TX)
- 21470 2035 VOA, EE, t/k about upcoming Holmes fight (544; 3/24. Smith, FL)
- 21485 2043 VOA, EE, item on black folk art exhibition in DC (454; 3/28. Krist, VA)
- 21615 2117 WYFR, 2151\*, (252; 3/17. Tanaka, JAPAN)

CLANDESTINE

- 6905 0350 R. Farabundo Martí, YL w/ ID several times, 0400\* (good; 322. Davidson, SC) (6940; ID; 343; 3/12. Huffaker, MEXICO -- heard @0104)
- 6998 \*0043 R. Juventud Progresista Cubana, IDs, mainly "LV de la Juventud Cubana," same OM, same programs (343; 3/12. Huffaker, MEXICO)(0214; unusual px of light piano mx, orchestral tunes, ballads, and even some opera. Occasional talks by OM ancr w/ IDs and mentions of 'programa especial.' Seemed to be going strong still @0300/0330 rechecks. (333; 3/14. Cunningham, OH)(0200; gd; 3/21. Parks, FL)
- 7032 0233 LV de Alpha 66, interview on Cuban situation, 0253\* w/ ID (333; 3/12. Huffaker, MEXICO)(7040; 0229\*; 444; 3/12. Huffaker, MEXICO)
- 5105 0219 LV del CID, low-key anti-Communist talk by OM, full ID @0229, Cuban NA @ 0230\* (gd; 3/16. Parks, FL)(5107; 0227-0237\*; rhetoric by OM, tlks about Cuba + Poland, low level w/ QRM. 222; 3/27. Cunningham, OH)(7350; \*0200; 333; 3/12. Huffaker, MEXICO)(7350+1 \*0159; carrier, @0200 EZL mx, celeste IS several times w/ OM IDs in between, low-pitched het. (322; 3/9. Cunningham, OH))
- 5060 0343 R. Quince de Septiembre, SS/MM (What is MM? Martian? Mongolian? ch) trilingual bc, EE portion is "I am Marxist" (Oh, MM is "Marxlian" ch). EE noted 3/22, ancd as daily (444; 3/12. Huffaker, MEXICO)(5565: 0315; 433; 3/22. Stone, ON) (5565; 0355; pleas to support a free Nicaragua. PX times given as 1230, 0630, 0930, 1030 (EST); 0438\* (243; 3/18. McSkimming, CA))(0315; 545; 3/21. Berri, CA)
- 6907 0245 R. Venceremos, YL w/ ID, mx, tlk (322; 4/5. Berri, CA)(\*0058; ID'd "Venceremos" like a football cheer; 343; 3/12. Huffaker, MEXICO)(0321\*, 454; 4/5. Jones, MS)

THE SANDBOX -- Free Radio (various)

- 3485 0312 WPOT, EE, rock songs, "This is commercial-free SW radio - WPOT"; 0402\* (353; 3/14. Krist, VA)
- 6840 0427 BBI Radio Network, first noted on 6825 about 0410, w/ snatches of the Cheech + Chong skit "Sr. Mary Elephant", under a musical numbers station. After long periods of silence, same skit noted on 6840, w/ frequent tlk breaks. At 0430, OM gave ID as "the BBI Radio Network," w/ nearly ½ hour of nonstop rock. Ending statements, w/ ID, mention of "Brotherhood of (???) Inc." Comment that they were getting fair reports from their monitors for this text transmission. No IDs heard for Voice of the Voyager (222/333; 3/7. Cunningham, OH)(missorted, sorry! ch)
- 6225 0635 Voice of Syncom, EE, OM w/ R+R mx, IDs as "VOS" and "Voice of Syncom", gave Battle Creek address, IS @0645/0648\* (252; 3/14. Streeter, NY)(0731; C.A.F., EE, IS, then OM w/ "Back again by popular demand, this is C.A.F.(?)" Ancd frequencies in 48, 42, 31 mb. Gave Battle Creek address; 252; 3/14. Streeter, NY)
- 6240 0445 Voice of the Pyramids, EE, ID, (522; 3/11. Delk, PA)
- 7425 0500 WTNT, EE, OM w/ mx, perhaps Radio Free Wave ID (433; 3/11. Delk, PA) (0300; Radio Indiana, EE, rock mx, gave Scott McClellan's address, signed on and off throughout the night; 333; 3/21. Michael, PA)(0208; 233; Voice of Free Radio; 3/21. Michael, PA)(R. Indiana, 0504; ID, mx; 3/21. Sarkisian, MI)
- 9650 1700 R. Clandestine, EE, ID: "This is your favorite radio station - R.Clandestine." Star Trek drama (322; 3/28. Stone, ON)

=====

WELL, a good turnout this month, but shorter loggings. I could do as much with U.S.A. every month (one page at least) if I had the room. However, I don't have the time to do 9 pages of W/H each month, so don't drop the Managing Editor a line asking for another W/H page!!!

THE SPEEDX QUESTIONNAIRES are being edited for computer (in between columns) as I write. I have done 150 out of the about 400 I received. Credit will be applied when I'm finished editing.

ANYONE WHO WANTS A LIST OF ABBREVIATIONS commonly used in SPEEDX should drop Don Johnson at headquarters a line w/ SASE. My understanding is that each New Member Packet has one, so if you kept yours around somewhere, the list will be there.

I'D LIKE TO REMIND REPORTERS that I begin sorting loggings on the evening of the 12th of the month, so if you send yours in late, they won't be used. This also applies usually to the late loggings sent via the CDE. As it is, if you are reading this in the first week of May, many of the loggings are TWO MONTHS OLD. If you send in late loggings, they won't get in month 1 because they're late, and they won't get in month 2 because they'll be stale by then. Make sure your logs are complete, as logs without any detail at all, or with no date, time, frequency (very important, that frequency) will be circular filed. Try to use SPEEDX forms (available from HQ) if at all possible. And, send your BEST loggings. This will ensure a proper mix of loggings, as those who are just starting out will send their best loggings, and the more experienced DXers will send their best logs, and between the two we'll have a well-balanced column.

CONGRATULATIONS GO TO DR. STU KLEIN, the new Log Report A Editor of FRENDX for NASWA, for his inaugural column. Done on a word processor, it was very good. Stu and I often confer about various logs -- his assistance is very valuable. *Chris/Mark - See you in*  
P.S. To those whose logs are/have been cut from W/H, it is usually for TIPS 'n' TOPICS these reasons: They were late, they were incomplete, they were wrong, or no space!!!



EDITOR  
 TERRY LINDLEY  
 Rt. 15 Box 1098  
 Birmingham, AL 35224

Deadline: 12th  
 Times and Dates: GMT  
 Frequencies: kHz

Suprise! Maybe you will be able to read this column now. Your Europe editor has acquired a new typewriter and retired the old one. I have switched from Elite to Pica type so there will not be as much room per page. I have never liked Elite type so when I got the chance to switch I did. We have a flood of loggings so I better get started on them.....

A L B A N I A R.Tirana R.Gjirokaster We don't ordinarily include medium wave stations but this month I am going to make an exception. Brad Cuppy has recently made a trip to Spain and he brought back these MW loggings. If you catch the conditions just right you might even log them here in the USA or wherever you might be.....

1215	2000	RT: ??-Interval signal.(333 4/1 Cuppy-Spain)
5057	0442	RG: AL-Mx pgm w/usual deep voiced YL.(444 3/19 Huffaker-MEX)
7080	0650	RT: EE-YL reading some garbage about health, knocked Reagan & Brezhnev. Do they like anybody?(434 3/20 Kramer-VA) Themselves!
7120	0233	RT: EE-Cmtry on Albanian economy.(333 3/19 Sanderson-AZ)
7300	0100	RT: SS-ID, Nx, Talk on how great Communism is.(444 4/6 Sharp-FL)
9375	2352	RT: ??-Talks, IS, Mx, Anthem.(322 3/1 Smith-FL)
9750	0015	RT: EE-YL w/mx & Propaganda.(333 3/18 Langlois-GA)

A U S T R I A Osterreichischer Rundfunk

5945	0230	ORF: GG-IS, ID, OM & YL w/conversation.(433 3/11 Stone-ONT)
9770	0130	ORF: EE-Report From Austria w/talk on local ghosts.(444 3/13 Fraser-MA)(Krist-VA)(Hill-VA)
12015	0357	ORF: EE-OM w/Austria Calling, mx pgm.(343 3/27 Forbes-TX)
15560	1805	ORF: EE-Austria Calling w/SW Panarama.(232 Moman-ONT)(Smith-FL)
21525	1230	ORF: EE-Breif nx, feature on tourism.(333 3/30 Manning-TX)
21730	1830	ORF: EE-OM w/nx pgm, YL w/ID, Cmtry.(222 3/12 Carlson-WA)

B E L G I U M Belgische Radio en Televisie

9870	0022	BRT: EE-Brussels Calling w/pop & rock mx.(333 Moman-ALB)
11695	0036	BRT: EE-"Outlook" pgm w/talk about employment.(454 3/20 Pimblett-ALB)(Tedfords-MI)(Stone-ONT)(Krist-VA)(Harrell-IL)(Philip-BC)(Connel-CA)
15360	0030	BRT: EE-S/on Music Box pgm & Radio World.(333 3/8 Manning-TX)(333 3/9 Cunningham-OH)
17595	2100	BRT: EE-Brussels Calling to Africa.(333 3/28 Zilmer-NM)(Krist)
17600	2200	BRT: EE-Frieda & Frans Vossen w/talk on Kadaffis visit to Austria.(3/12 Byron-NY)(Smith-FL)
21460	1502	BRT: FF-OM w/nx pgm, mx pgm.(233 3/31 Miller-CA)(Hesch-NY)
21525	1400	BRT: EE-ID,IS, freqs & sked, nx, sports, mx.(444 3/23 Delk-PA)(Manning-TX)

B U L G A R I A R.Sofia R.Moscow

7150	0223	RM: SS-Propaganda for El Salvador election.(544 3/28 Huffaker)
9700	*2130	RS: EE-Nx pgm, cmtry on Soviet peace proposals.(444 4/1 Krist-VA)(Annis-IN)(Miller-CA)
11860	2142	RS: EE-Beatles mx, ID, Nx pgm by YL.(433 3/7 Cucura-PA)(Manning-TX)(Krist-VA)(Berri-CA)(Huffaker-MEX)
15310	2228	RS: PP-IS, ID, OM & YL w/freqs.(333 3/18 Moman-ONT)

C Z E C H O S L O V A K I A R.Prague

7345	0130	RP: EE-OM w/pgm of folk mx.(433 4/7 Shamblin-CA)(Miller-CA)(Ross-ONT)(Manning-TX)(Sharp-FL)
9505	0715	RP: GG-YL w/nx, mx pgm. QRM by BBC.(444 3/19 Munster-GA)
11990	0154	RP: EE-Classical mx concert, ID by YL.(555 3/1 Ross-ONT)(Manning-TX)(Krist-VA)
21505	1530	RP: EE-Nx & Views, mx pgm, freq & sked.(333 3/26 Zilmer-NM)

IT TAKES A LOT OF THOUGHT, EFFORT, AND DETERMINATION TO BE

AGREEABLE

<u>D E N M A R K</u>		R. Denmark
75165	2000	RD: EE/DN-Mx pgm, ID in EE & DN.(322 3/12 Clayton-MI)(Kobylksi)
<u>F I N L A N D</u>		R. Finland
15400	1300	RF: EE-the Northern Report.(554 3/15 Delk-PA)(Tedfords-MI)
		Nizami-ONT)
21475	1245	RF: FN/EE-"Sunday Best" w/a lot of chatter that I could'nt relate to at all.(222 3/14 Brandt-FL)(Snyder-NY)(Pimblett-ALB)(Lord-CA)(Manning-TX)(Jamieson-CA)
25950	*1430	RF: FN-IS, ID, & talks.(252 3/28 Zilmer-NM)
<u>F R A N C E</u>		R. France Intl
6175	1900	RFI: FF-Nx pgm, ID, disco mx.(544 deKiewit-Holland)
15195t	1915	RFI: FF-OM w/nx, YL w/mx pgm, no sure ID.(343 3/21 Forbes-TX)
15200	0727	RFI: FF-OM & YL w/what sounds like a play.(433 4/6 Traver-CA)
15300	1600	RFI: EE-Paris Calling Africa.(333 4/3 Zilmer-NM)
15315	0600	RFI: FF-OM w/pgm of nx.(433 3/26 Sable-CA)
15330	2025	RFI: FF-PCA theme and FF nx to Africa.(111 3/26 Tedfords-MI)
17775	1335	RFI: FF-dramatization of a play, pop mx.(233 3/24 Manning-TX)
17860	1739	RFI: EE-PCA, w/listeners letters.(333 2/28 Harvey-QUE)(Fraser-MA)(Schlesinger-TX)
21595	1315	RFI: FF-OM w/talk on literature.(333 3/19 Manning-TX)
<u>G E R M A N F E D E R A L R E P U B L I C</u>		Deutsche Welle VOA
5960	0505	DW: EE-Nx, wx, "Art or Air".(344 3/1 Smith-FL)
6040	0125	DW: EE-Talks on rising unemployment in Germany.(423 Brandt-FL)
6100	2220	DW: SS-Classical mx pgm, nx pgm.(454 3/9 Fraser-WA)(Manning-TX)
7265	0627	Underfunk: GG-Mx pgm, buried by GRM.(211 3/11 Schlesinger-TX)
7285	0220	DW: EE-Mx pgm, cmtry. Heavy ham QRM.(222 3/23 Snyder-NY)
9595	0550	RFE: RM-OM w/the pgm in Romanian.(555 3/15 Delk-PA)
9650	0550*	DW: EE-OM w/sagn off & freq info.(343 3/16 Shamblin-CA)
11865	0113	DW: EE-Talk on Nuclear power & accidents.(444 3/29 Krist-VA)
11900	0610	DW: EE-OM w/nx in the African ser.(322 3/28 Kramer-VA)
15135	1500	DW: EE-Pgm of nx, feature on agricultural research.(433 3/13 Hahn-CA)
15150	2015	DW: EE-Talk on problems of a nuclear war.(534 3/6 Schroeder-WI (Langlois-GA)
15275	0606	DW: EE-ID, nx of Africa in the Afr ser.(333 3/15 Annis-IN)
21560	1605	DW: GG-OM w/pgm of nx, ID # 1606.(444 3/21 Pimblett-ALB)
21665	1810	RFE: PO-YL & OM w/messages to people in Poland.(454 3/9 Hesch-
21720	1816	RFE: ??-OM talking amidst top 40 mx.(322 3/21 Schlesinger-TX)
25690	1620	R.Liberty: RR-ID, OM w/talks. Much jamming.(322 3/27 Pimblett)
<u>G E R M A N D E M O C R A T I C R E P U B L I C</u>		R.Berlin Intl
9620	2230	RBI: EE-Mx pgm, pgm summary, ID.(343 3/18 Smith-FL)(Tedfords-
9730	1300	RBI: EE-Mx pgm, ID, mx pgm.(423 3/8 deKiewit-Holland)
11840	*0230	RBI: EE-Nx on Polish visit to GDR.(544 3/30 Krist-VA)
11890	0230	RBI: EE-IS was played, ID in EE by OM.(433 3/30 Annis-IN)
11920	0320	RBI: PP-ID, OM w/talks and mx.(322 3/6 Smith-FL)
17830	1830	RBI: EE-Cmtry on GDR aid to Afr countries.(433 3/27 Connel-CA) (Snyder-NY)(Zilmer-NM)
21460	1335	RBI: SS/EE-Nx, ID, cmtry, then more mx.(454 3/2 Smith-FL)
21465	1554	RBI: EE-Read letters from listeners.(333 3/21 Pimblett-ALB)
21500	1825	RBI: EE-Usual pgming w/weak signal and lots of het.(231 3/28 Schlesinger-TX)(Zilmer-NM)
<u>G R E E C E</u>		Voice of Greece
9655t	0545	VOG: Mx on plucked instruments.(433 3/9 Munster-GA)
9857a	1930	RSM: GG-OM & YL w/talks, folk mx, & ID.(fair 3/16 Parks-FL)
9865	0340	VOG: EE-Talk on Space Shuttle and Apollo, ID, freqs.(433 3/23 Byron-NY)(Krist-VA)(Smith-FL)(Sharp-FL)(Wilkins-FL)(Manning-TX (Huffaker-MEX)
11655	2326	VOG: EE-Mx, ID, OM w/loval & wld nx.(554 3/10 Hesch-NY)
11730	0130	VOG: EE-ID, MX, wld nx, more mx.(343 3/29 Moss-CA)(no name)
15260	1515	VOA: EE-Talks on Space Shuttle.(311 3/21 Pimblett-ALB)
15595	0340	VOG: EE-YL w/pgm of nx, ID. //9865 11730.(544 3/29 Berri-CA) (Zilmer-NM)(Cunningham-OH)(Huffaker-MEX)
17555	1840	VOG: EE/GK-YL w/ID, nx in EE.(333 3/12 Carlson-WA)(Zilmer-NM)



Reliable sources have reported that R.Denmark has acquired their new 50 kilowatt transmitter. So hopefully they will expand to some other freqs other than 15165. As soon as I learn of some new freqs I will let you know. If anyone has any info on this please share it with us.

# RADIO BUDAPEST

H U N G A R Y R. Budapest  
 9835 \*0300 RB: EE-OM w/ID, freqs, & DX pgm.(433 4/3 Thompson-CA)(Forbes-TX)(Krist-VA)(Byron-NY)(Ross-ONT)(Snyder-NY)  
 11910 0900 RB: EE-"Calling DXers & Radio Amateurs" gave skeds.(422 3/17 Suprenant-MA)(Annis-IN)(Krist-VA)  
 15220 0150 RB: EE-YL & OM w/nx pgm, talk about Hungary.(322 3/27 Forbes-TX)(Krist-VA)  
 17710 0200 RB: EE-Nx pgm, cmtry on Hungary/Austria relations.(444 3/14 Hahn-CA)(Tedfords-MI)(Shamblin-CA)

I C E L A N D Icelandic State Besting Service  
 13797 1900 ISBS: IC-YL w/pgm of nx.(433 3/24 Snyder-NY) (Sharp-FL)

I T A L Y Radiotelevisione Italiana  
 7175 \*0500 RAI: II-Pop instru mx, ID. After 5 long years of trying this was my first firm ID from this relay at Caltanissetta.(222 3/18 Cunningham-OH)  
 9575 0103 RAI: EE-Nx, mx, IS, and Address.(443 3/25 Taylor-MO)(Fraser-MA)(Shamblin-CA)(Nizami-ONT)(Blake-IN)  
 11800 0100 RAI: EE-YL w/nx, QRM from unID.(323 3/10 Ross-ONT)(Addison-KS)(Johnson-IL)  
 15245 0115 RAI: SS-OM w/a pgm of mx.(554 3/9 Delk-PA)  
 15330 0535 RAI: AA-IS, freqs, pgm of nx.(322 3/26 Pimblett-ALB)  
 15475 2250 Radio Pace: II-OM w/ID, says station is in Verona.(222 4/6 Fisher-MA)(433 4/5 Sharp-FL)  
 21695 1400 RAI: II-IS, ID, OM & YL w/nx & mx.(333 3/26 Jamieson-CA)

L U X E M B O U R G H R. Luxembourg  
 6090 0130 RL: EE-Pop mx, Aldridge the DJ w/various ads.(434 4/6 Sharp-FL)(343 Krist-VA)(242 Taylor-MO)(444 Delk-PA)(232 Manning-TX)  
 15350 0153 RL: FR-Amer rock mx, ID, some fading.(333 3/6 Cunningham-OH)

M A L T A Intl Christian R. R.Mediterran Xandir Malta  
 9510 2105 ICR: EE-OM w/bible reading, mx, & address.(232 3/17 Levya-MS)  
 9515 \*1959 RM: GG/EE-EE ID, OM w/talks in GG, rel talks.(444 3/12 Baker-DE)  
 9515 2015 ICR: GG-OM w/talk on Communism & religion.(352 3/25 Munster-GA)  
 9670 0709 XM: EE-Letterbox pgm by YL.(444 3/27 Nizami-ONT)(Kramer-VA)(moss-CA)(Huffaker-MEX)

M O N A C O Trans World Radio  
 9495 0735 TWR: EE-"Ms Jeans Story", ID, hymns.(433 3/14 Carlson-WA)  
 TWR: EE-religious pgm, ID, anncd freq 9.5 mhz.(444 3/29 Huffaker)

N E T H E R L A N D S R.Nederland  
 9590 0230 RN: EE-Nx on Newslne, talk on female security guards.(524 3/13 Brandt-FL)(Addison-KS) As most of you know this is the Bonaire relay.... tml.....  
 9715 0755 RN: EE-the Wednesday Report, talk on prostitutes organizing a union.(444 3/17 Peterson-CT)  
 17605 2050 RN: EE-the Media Network.(Sarkisian-MI)(454 3/28 Krist-VA)  
 17695 0849 RN: EE-ID, OM-said SW Feedback would not be presented.(554 3/9 Hesch-NY)(444 3/28 Forbes-TX)  
 21480 \*0230 RN: EE-ID & YL w/pgm of wld nx.(433 3/4 Hesch-NY)

N O R W A Y R.Norway  
 11870 0201 RN: EE-Nx pgm, sports report, talk on Norwegian welfare.(222 3/15 Manning-TX)  
 15215 1625 RN: NW-OM w/talks & IDs.(333 3/16 Sanchez-CA)  
 21715 2020 RN: EE-Letters read, folk mx. QRM by BBC.(433 3/28 Egan-ONT)(222 3/12 Carlson-WA)  
 25615 1600 RN: EE-"Pop Time" a pgm of pop West mx.(555 3/7 Fraser-MA)  
 25730 1658 RN: NW/EE-IS, IDs, into Norwegian pgm.(444 3/27 Pimblett-ALB)

P O L A N D R.Polonia  
 7125 2232 RP: EE-OM w/local nx, cmtry on release of balloons from Denmark (553 3/10 Hesch-NY)  
 9525 \*0200 RP: EE-Nx pgm, cmtry on economy.(433 3/16 Krist-VA)  
 9680 0645 RP: EE-Cmtry on how the West views martial law.(343 3/21 Snyder-NY)  
 11815 0315 RP: EE-OM & YL w/nx pgm, ID.(232 3/13 Annis-IN)  
 15120 0300 RP: EE-Nx pgm, Polish lesson #3.(222 3/28 Manning-TX)

P O R T U G A L R.Portugal

6025 0540 RP: EE-YL w/nx, ID, OM w/freqs.(222 3/19 Hotaling-NV)(Hesch-NY)(Davidson-SC)  
6100 0536 RP: EE-Nx by.YL, time pips in background.(434 3/12 Huffaker-MEX  
6250 0305 RP: EE-Nx, pgm on childrens literature.(343 3/18 Pimblett-ALB)  
6255 0322 RP: EE-Talk on mining in Portugal.(444 3/15 Cunningham-OH) As both reporters stated these 2 previous loggings were an apparent mistake in freq selection. Maybe the engineer was asleep, out to lunch, or gone fishing.....Who knows?  
9575 0530 RP: EE-Nx pgm, talk on demonstration against unemployment.(434 4/5 Speer-CA)(Demmitt-PA)(Thompson-CA)(Marin-FL)(Ross-ONT)(Jamieson-CA)  
11925 0327 RP: EE-Mx pgm, church bells.(423 3/27 Grosvenor-CA)(Kramer-VA) Lord-CA)(Leeman-RI)  
17725 \*0400 RFE: RR-IS, IDs,(454 3/16 Wilkins-CO)(Sarkisian-MI)

R O M A N I A R.Bucharest

9570 0200 RB: EE-Nx, folk mx, "Sunday Studio".(444 3/29 Krist-VA)(Ross-ON  
9685 2104 RB: EE-YL w/nx pgm, usual Socialist talks.(242 3/7 Schlesinger  
9835 0200 RB: EE-ID, Mx pgm, freqs-times.(333 3/6 Smith-FL)  
11840 \*0400 RB: EE-ID, Mfreqs, nx pgm, talk on Bulg diplomat.(322 3/16 Suprenant-MA)  
11940 0400 RB: EE-Nx, talk on agriculture in Romania.(444 4/1 Krist-VA)  
15335 1505 RB: EE-ID, & Nx pgm.(242 4/3 Snyder-NY)  
15365 0541 RB: EE-Mx pgm & the Listeners Club.(222 3/13 Annis-IN)  
17790 0547 RB: EE-OM & YL w/talk on Romanian economy.(343 3/28 Huffaker)

S P A I N

Radio Exterior de Espana **RADIO EXTERIOR DE ESPAÑA**

9360 0322 REE: SS-YL w/talk on variety of topics, IDs.(555 4/6 Sharp-FL)(Miller-CA)(Jamieson-CA)  
9630 0045 REE: EE-YL w/DX pgm & talk on publications.(544 3/15 Krolak-MI)(Egan-ONT)(Krist-VA)(Shamblin-CA)(Brandt-FL)  
9650 0700 REE: SS-OM & YL w/mx pgm, IDs.(444 4/2 George-TX)  
11730 0755 REE: SS-YL w/nx & short mx pgm.(433 4/6 Traver-CA)(Delk-PA)  
11880 0152 REE: EE-OM & YL w/Spanish lessons pgm.(444 3/20 Zolla-CA)(Grosvenor-CA)(Fraser-MA)  
15125 2315 REE: SS-OM & YL w/talks, ID.(333 3/9 Sanchez-CA)(Langlois-GA)

S W I T Z E R L A N D Swiss Radio Intl

6135 0140 SRI: EE-ID, freq info, Nx pgm.(444 3/9 Demmitt-PA)(Davidson-SC  
9535 0635 SRI: FF/EE-Mx pgm, IDs, nx &"Sunday Supplement"(433 3/21 Hill-VA)(deKiewit-Holland)(Sarkisian-MI)  
9720 0620 SRI: FF-Instru mx, YL w/freqs & ID.(544 3/22 Thompson-CA)(Miller-CA)(Taylor-MO)  
11715 0145 SRI: EE-YL w/sign on, OM w/Dateline.(343 4/7 Shamblin-CA)(444 3/29 Krist-VA)(Speer-CA)(Jamieson-CA)  
15125 1530 SRI: EE-Afr service signs on w/nx pgm.(233 3/2 Beaudoin-CT)  
15305 2256 SRI: PP-IS, OM w/freqs & ID.(good 3/26 Grijalva-AZ)(Zilmer-NM)(Shamblin-CA)(Krist-VA)  
17830 1822 SRI: EE-the SSWMGR w/R.Moscow QRM.(322 3/27 Lucas-CA)(Snyder-NY)(Hesch-NY)  
17850 2145 SRI: EE-Euro nx & Roundabout Switzerland.(323 3/14 Beaudoin-CT  
21520 1120 SRI: EE-the Two Bobs explained over the horizon radar.(454 3/27 Hesch-NY)  
21570 1540 SRI: EE-"Dateline" nx pgm & IDs.(343 3/15 Cucura-PA)(Pimblett-ALB)(Brandt-FL)  
21585 2150 SRI: EE-Travel pgm, YL w/ID. Into GG 2215.(322 3/14 Levya-MS)  
25780 1315 SRI: EE-Nx on Dateline, into GG @ 1345.(353 3/17 Zilmer-NM) + 2

S W E D E N R.Sweden Intl

6065 1030 RSI: DD-Nachrichten-Presseschau-Sweden Ruft DXer.(544 2/23 de Kiewit-Holland)  
9695 0245 RSI: EE-Talk on Stockholm city auction-(333 3/19 Sanderson-AZ)(Manning-TX)(Lord-CA)(Forbes-TX)(Delk-PA)(Speer-CA)(Kramer-VA)  
15270 2305 RSI: EE-Nx, cmtry & Sweden Calling DXers # 1679.(322 3/30 Lucas-CA)(Taylor-MO)  
21615 1400 RSI: EE-the Mailbag pgm.(333 3/14 Picarelli-CA)(Kobylski-MA)(Jamieson-CA)(Snyder-NY)

It has come to my attention that quite a number of SPEEDXers are also members of the ASWLC. A friend has given me a gift subscription to this fine club and I expect to get in some loggings this month. This is another "plus" to this great hobby. One can accumulate a lot of great friends through SW.

UNITED KINGDOM BBC

5975 0121 BBC: EE-OM w/talk on Sheep in Falklands.(555 4/6 Sharp-FL)(Smith  
 6130 0630 VOA: EE-Wld nx & mx pgm to Afr.(554 3/29 Thompson-CA)  
 6175 0210 BBC: EE-OM w/pgm of wld nx.(434 3/20 Zolla-CA)  
 7155 0615 RCI: EE-Nx, stock market report.(322 3/19 Pimblett-ALB)  
 7320 0158 BBC: EE-OM w/talk on World Cup Tennis.(343 4/7 Shamblin-CA) + 2  
 7325 0207 BBC: EE-Nx, folk mx pgm.(554 3/22 Claytor-MI)  
 9410 2200 BBC: EE-Nx, talk on US stand in S.Amer.(555 2/16 Dugway-MA) +4  
 9510 1237 BBC: EE-"Animal Vegetable Mineral". ID, sports.(333 3/22 Manning  
 9760 1700 VOA: EE-Nx & cmts on Dateline.(544 3/8 de Kiewit-Holland)  
 9915 0375 BBC: EE-"Newsdesk", ID, & Local nx.(555 3/30 Smith-FL) + 4  
 11835 0120 BBC: EE-Talk on British foreign secretaries.(444 3/29 Krist-VA)  
 11910 2247 BBC: EE-Time pips, IS, nx @ 2300.(333 3/13 Tedfords-MI)  
 12095 0630 BBC: EE-Old time mx, very good signal.(555 3/20 Kramer-VA)  
 15070 2330 BBC: EE-Classical mx, nx in the World Service.(444 3/8 Langlois  
 -GA)(Traver-CA)(Shamblin-CA)(Krist-VA)(Manning-TX)( + 6  
 15075 1310 BBC: EE-OM w/nx of Falklands crisis.(252 4/6 Egan-ONT)  
 15260 0100 BBC: EE-Mx request show w/listeners letters.(555 3/9 Dugway-MA)  
 21710 1600 BBC: EE-Wld nx, cmtry on Iranian economy.(444 2/28 Schlesinger-  
 TX)(Manning-TX)(Fraser-MA)(Krist-VA)  
 25650 1330 BBC: EE-"Andy & Oscar" a short story, mx pgm.(555 3/14 Krist-VA

**RADIO MOSCOW**

U S S R R.Moscow  
 4860 0020 RM: EE-Usual pgm of anti-Amer propaganda.(323 4/6 Sharp-FL)  
 (Ross-ONT)(Moman-ALB)(Jones-MS)  
 5920 1530 RM: EE-Nx, pgm about Chile.(454 3/28 Connell-CA)  
 6175 1400 RM: EE-Wld nx & local nx-all garbage.(555 3/15 Picarelli-CA)  
 7150 0045 RK: EE-Cmtry w/a 15100 //.(411 3/9 Delk-PA)  
 7205 0205 MY: RR-Instru mx & choral mx.(433 3/9 Davidson-SC)  
 9600 1215 RV: EE-Nx pgm, freqs.(544 3/6 Blake-IN)(Langlois-GA)  
 9610 2300 RM: EE-Nx on Trade Union talks.(555 3/15 Dugway-MA)  
 9685 0000 RM: Cmtry on Soviet labor unions.(454 3/20 Fraser-MA)  
 9710 0200 RK: EE-Nx, talk on US poll about Pres. Reagan.(444 4/5 Krist-VA  
 9795 1435 RM: EE-Talk on Shakesperan influence on MX.(222 3/10 Manning-TX)  
 10710 2230 RM: EE-Nx on how Amer is pro Arms.(544 3/16 Dugway-MA)  
 11785 7225 RT: EE-Mx pgm, IDs, & freqs.(443 3/26 Miller-CA)(Krist-VA)  
 11840 1625 RM: OM & YL disc Mongolian labor problems.(544 3/1 Arthur-WI) + 2  
 11860 0339 RM: EE-Address by Brezhnev.(534 3/17 Suprenant-MA)Schlesinger-TX  
 15100 2300 RV: EE-Nx pgm, mx, & cmtry.(433 3/13 Hahn-CA)(Tedfords-MI)  
 15300 0427 RM: EE-Nx, ID, & folk mx.(333 3/31 Smith-FL)  
 15450 1358 RP&P: EE-OM w/nx, & ID.(343 3/15 Taylor-AZ)  
 15520 0350 RM: FF-OM w/nx, ID, // 15330.(444 3/29 Berri-CA)  
 17700 2343 RM: EE-Pgm of gypsy mx, ID as N.Amer ser.(333 4/5 Speer-CA)  
 17720 0135 RM: EE-Report & cmtry on Poland.(good 3/27 Grijalva-AZ) + 3  
 17795 1530 RP&P: EE-Talk on chemical warfare in Afghanistan.(4/5 Egan-ONT  
 17820 0050 RK: EE-Mailbag pgm & IDs.(333 3/20 Picarelli-CA)  
 17870 0350 RY: EE-YL & OM w/AR lang lessons.(433 3/5 Baker-DE)Thompson-CA +  
 21530 2350 RM: EE-Talk on benefits of workers in USSR.(555 3/15 Brown-NE)  
 (Famularo-CA)(Shamblin-CA)

V A T I C A N S T A T E R.Vaticana

6015 0110 RV: EE-OM w/talk about St.Joseph.(444 3/20 Johnson-IL)(Taylor)  
 9605 0202 RV: ??-Religious mess, ID.(333 3/20 Manning-TX)(Shamblin-CA)  
 9645 0545 RV: EE-Hist lecture "The Vatican Century" (544 3/9 Munster-GA)  
 11700 0200 RV: EE-Rel message, mx, & nx.(322 3/17 Zilmer-NM)  
 11845 0100 RV: EE-Rel disc on Popes address.(544 3/24 Harrell-IL) + 4  
 15120 1600 RV: EE-Pgm to Afr w/Popes statements.(333 2/28 Schlesinger-TX)  
 17810 1457 RV: EE-Talk on A convent in Prague.(333 3/2 Beaudoin-CT)

Y U G O S L A V I A R.Yugoslavia

9620 2215 RY: EE-YL w/ID, sports talk, & cmts.(433 3/14 Krist-VA) + 4  
 15240 1531 RY: EE-OM w/nx pgm, mx, & ID.(232 3/19 Lucas-CA)(Beaudoin-CT)+2

Clandestines & Unidentifies Stations

6224 1140 Atlanta Radio Intl: EE-Talk on pirate bcsts, DX show, & address  
 in the UK.(fair 3/21 Kornek-Federal Republic Germany)(Nikolich)  
 6275 1232 R.Krypton: EE-Pop mx, ID, address in UK.(fair 3/21 Kornek-FRG)  
 6310 1010 R.Caroline Intl: EE-OM w/songs Peter Frompton hits.(fair 3/21  
 Kornek-FRG)(Gardiner-United Kingdom)  
 6858 1200 R.Caroline Intl: EE-Pop mx by OM, ID, address in UK.(3/21  
 Gardiner-UK)

I have a few more loggings but as you can see here is the end of the page  
 so I guess I'll have to end it up. Thanks very much for support that each of  
 you have given. I look forward to hearing from everyone next month. But until  
 then 73s and the best!

*Ferry*

# SWBC DX



**Radio Television Kaduna**

# AFRICA

EDITOR: MIKE NIKOLICH  
2137 W. Farwell Ave.  
Chicago, IL 60645



**FEBA**  
**Seychelles**

Deadline: 12th  
Times & Dates: GMT  
Frequencies: kHz

## WELCOME TO ANOTHER MONTH OF SWBC DX AFRICA

As we enter the month of May, DX to the African continent has slowed to a crawl... at least in the Chicago area. But several SPEEDX members are reporting some primo DX. For instance, Madagascar is coming in on 5,010 kHz at 0300 GMT with a reported 100 kW of power. There's also an interesting log of the clandestine R. Vatan. So don't be discouraged. The DX is there. You just have to try harder for it!

## THANKS TO YOUR SUPPORT, WE'RE EXPANDING

Just received word from HQ that I'll be able to use an extra page from time to time. As you've probably noted, we seem to run out of space here all too frequently. Hopefully, this extra page will allow me to present some extra features such as DXing some of the rarer stations from Africa, etc. More next month.

## THANKS TO TOM BLACK

Last month, as our deadline was drawing near, Tom Black of California, called me to advise that an UNID station was showing up on 4,950 kHz around 0340 GMT. The station was playing a variety of Afro-sounding mx, PP. (or so it sounded) TX, and occasional bursts of Morse Code. It sounded to me like the station was the clandestine Voz de Verdade, but Tom didn't seem to agree. Anybody out there have any ideas??? While I'm handing out the thank you's, I'd also like to "thank" Nathan Murff of New Mexico and Ron Howard of California for sending me cassette tapes of the Voice of Namibia program from R. Nacional de Angola. Both tapes were fun to listen to and I appreciate your effort. Also, thanks to Mike Hardester for also offering to send me a tape. I don't know if I'll manage to get that one now, but at least I know what to look for.

## R. TANZANIA LOSES SOME CREDIBILITY

According to a report in the April, 1982, edition of AFRICA NOW magazine, Radio Tanzania's coverage of a recent hijacking of an Air Tanzania Boeing 707 was less than accurate. In fact, the magazine states that the hijacking affair proved to be the worst hour ever for Radio Tanzania. The magazine report goes on to say that Tanzanians by the tens of thousands tuned their radios to Voice of Kenya, VoA, BBC, and even R.S.A. rather than try to get news of the hijacking from their country's own official radio. There was no reluctance to report the hijacking itself; Radio Tanzania was among the first to report the plane had been seized. But RT left out the fact that the hijackers, who reportedly were displeased with the government of Tanzanian President Nyerere, would not release the plane unless Nyerere would resign. The magazine also reports that for several days, crowds would gather around radios able to pick up signals other than R. Tanzania. Even families of the hijack hostages tuned to the BBC to get news. Comments like, "Our own radio just tells lies" were heard repeatedly.

## GHANA COUP CAUSES SHUFFLING OF PERSONNEL AT G.B.C.

In early February, a number of personnel changes took place at the Ghana B.C. as a result of the January coup. Acting director Charles Asinor was forced to retire, T.H. Ewusi-Brookman, Director of

## SPEEDX AFRO HOT SHEET

0200	3270	R.S.W.A./Namibia
0300	4911	ZBS/Zambia
	5010	RTV Malagasy
0400	3265	R. Maputo/Mozam.
	3264v	RTV Congolaise
	4800	R. Lesotho
	4845	R. Botswana
	5040	R. Omdurman, Sudan
	5066t	R. Gandit/Zaire
	7295	TWR/Swaziland
	9027	Cland./R. Vatan
	11820	R. Mozambique
0500	4000	R. Bafoussam
	5020	ORTN/Niger
	9535	R. Nacional Angola
0600	4815	RTVV/Upper Volta
0700	7110	R.N. du Mali
1455	9684	UNID (Tanzania???)
1500	9560	VORE/Ethiopia
1630	11740	TWR/Swaziland
1900	4885.3	R.Nac. Mozambique
2100	11755	ANO/Gabon
2200	3366	GBC/Ghana
2300	11815	R. Jamahiriyah

News and Current Affairs and Mr. Sam Bannerman, Director of TV, were asked to go on indefinite leave. In other developments, the G.B.C.'s External Svc. has resumed after nearly 4 years because of a breakdown of xmtrs at Tema and Ejura. The service is now in - on three languages--English, French, and Hausa. (March 29, 1982, West Africa Magazine.)

ANGOLA

- 9535 0540 R. Nacional; Upbeat Afro highlife mx, rather weak, but in the clear. At 0550, TC, then ID by YL as "R. Nacional de Angola." Wiped out by Swiss BC at 0600, 3/19 (Cunningham, OH); 1701, EE hrd in a big mess on channel, surfaced w/some sort of special anmnt, gave address of Box 953, Luanda, People's Republic of Angola. Then into V. Namibia px, 3/20 (Moman, AB)
- 11955 0500 RN; PP or Vern, end of IS, mx, OM ID, world and local nx, Afro mx, 545, \*\*Here is a listing of all regional stations in Angola per BBC Monitor- 3/20(Sharp, FL) ing Service. Station generally operate from 0400-2300. 4896, Bie; 6151/5042, Benguela; 5033, Cabinda; 4780, Cuando-Cubango; 7160/5062, Huambo; 7350/3970, Huila; 7100, Lobito; 4940, Malanje; 6113/4860, Lunda; 5100, Mocamedes; 5192, Moxico; 4849, Uige.

ASCENSION ISLAND

- 6005 0359 BBC; EE, IS and s/on w/ID of service for W&S Africa, then into WS (Speer, 9600 0655 BBC; FF, EE lesson px, s/off 0700, 4/3 (Snyder, NY) CA)  
15260 0000 BBC; EE, ID, "This is London" 3/20 (Creamer, CO)  
21660 1426 BBC; EE, horse race at Grand National, soccer results, 4/3 (Krist, VA)

BENIN

- 4870 0546 LV de la Revolution; FF, OM tx to 0550, then Afro drum mx, 3/30 (Pimblett, AB); 0550, FF, strong, 3/10 (Ross, ON); 0624 (Moman, AB); 2241 (Sharp, FL)

BOTSWANA

- 4845 0400 R. Botswana; tent in Setswana, ID, OM, pop & Afro mx, 3/28 (Manning, TX); (B. Raymond, MA, Sharp, FL +3)

CAMEROON

- 4000 0520 R. Bafoussam; FF/EE, ID at 0526, nx in EE 0530, Afro mx after, 3/13 ///  
4850 0503 R. N. Cameroon; FF/EE, mx, ID, EE after 0500 (Speer, CA) (B. Raymond, MA)  
0510; EE pop mx, 4/2 (B. Miller, CA); 0540, EE, tx in EE on U.S.A. and El Salvador (Leite, MA, Sharp, FL, Manning, TX)
- 5010 0503 R. Garoua; EE, nx, afro chants, 3/18 (Huffaker, MEX) \*\*Thanks for note,  
0519, Afro mx, OM tx, f/out 0530 (Pimblett, AB) Karl. mln.  
0536, EE nx (Ross, ON)

CANARY ISLANDS

- 15365 0228 R. Exterior Espana; Canary Is. ID at 0228, nx by OM, SS vocals, 3/26 (Parks, FL); 0231-0245 (Tedfords, MI, Delk, PA, Tate, WV)

CENTRAL AFRICAN REPUBLIC

- 5035 2320 La Voix de la Rep. Centrafrique; FF tx, anmts, 3/15 (Sarkisian, MI) \*\*Normal s/off 2300 GMT.  
3264 0420 RTV Congolaise; FF, vocal mx, anmts interspersed w/short bars of hi-life mx, 232, 3/13 (Wilkins, CO)

EGYPT

- 7050 0300 R. Cairo; "tent" in AA w/OM tx, some chants, 3/11 (Stone, ON)  
9475 0135 R.C.; SS, letters from listeners, YL, address given, 0158\*, EE 0200, 4/6 (Marin, FL); 0204-0310, EE (Manning, TX, Stephenson, CA)  
9805 2233 R.C.; EE, "Album Review" px, nx, mx, s/off by YL, 3/14 (K. Krist, VA)  
12000 0205 R.C.; EE, YL w/ID and AA mx, 4/7 (Shamlin, CA)

EQUATORIAL GUINEA

- 5003.8 1813 R. Ecuatorial; OM w/tx in lang, hvy QRM, nx from Malabo at 2100, //6243.6,  
6249.6 2102 R. Nacional; SS, ID, "Aqui, R. Nacional de Ecuatorial (Kornek, FRG)/// Guinea desde Malabo," 2107 cmt, 2110 into native mx (Kornek, FRG)

ETHIOPIA

- 9560 1500 VoRE; EE from 1500, but heavy QRM from 9565, LSB was fair at 1530 and was ablt to hear a TC, pips, ID by YL, then nx, 3/20 (Moman, AB)

GABON

- 4777 2220 RTVG; FF, lively Afro mx, anmt by YL at 2228, 333, 3/14 (Harvey, QUEBEC &  
4811 0510 ANO; FF, lotts a mx, pops in several langs, //11755 (Manning) Sharp, FL)  
0555, FF, pop mx, inst., OM DJ in FF, 3/10 (Ross, ON) +1  
11755 0515 ANO; OM tx, rock mx, 444, 3/15 (John Delk, PA); 0630 (Snyder, NY); 2147,  
FF, afro mx, OM discussing beliefs of the people (Manning, TX); 2203,  
Mx, tx by OM (Miller, CA)  
15435 1927 RFI Relay; FF, pop mx, ID at freqs at 2026, //15425 (France) (Evans, TN+1)

GHANA

- 3366 0540 GBC; EE, OM DJ, mx, ads and tx, nx at 0600, 3/10 (Manning, TX); 2231,  
OM w/relg. tx and nx, 2305\* (Leite, MA)  
4915 0600 GBC; drums, ID, nx, ID again at 0615, into local dialect (Manning, TX)  
0541, Vern (Ross, ON); 2259, Vern, ID in EE, 4/5 (Sharp, FL)

GUINEA

- 4909.7t 0629 R. Conakry; still no good audio here, anybody know for sure if this is Guinea??? I suspect it very much (Moman, AB) \*\*Check //freqs to be sure.

IVORY COAST

- 4940 2235 RTVI; FF, mellow FF OM w/mix of tx and classical mx, FF vocals, 3/14  
7215 2200 RTVI; talk by YL, presumed nx, ID, TRT QRM (Sharp, FL) (S. Harvey, QUE)

LESOTHO

4800 0401 RL; NA at 0401 followed by YL anmt, then choral mx followed, 4/9 (B. Raymond, MA, Sharp, FL, Famularo, CA, Thompson, CA, Lord, CA)  
11830 1700 BBC Relay; EE, OM afro nx & cmty, ID (S. Afr. Svc. BBC) (Thompson, CA)

LIBERIA

4765 0615 ELWA; EE, ID, nx by OM, 3/30 (Pimblett, AB); 2230, OM tx on religon w/nice gospel mx (Leite, MA)  
6035 0325 VoA; EE nx by OM, 3/11 (Sarkisian, MI)  
6130 0010 VoA; nx, report on USSR using germ warfare to kill Afghans (Demmitt, PA)  
15445 1730 VoA; EE, nx, sports, 1800 special EE, 3/12 (B. Miller, CA)  
17870 1830 VoA; "Music Time in Africa," 3/14 (Fraser, MA)

LIBYA

11815 2300 R. Jamahiriyah; EE, make up show in the morning, holy message, mx, mailbag, verse from the "Green Book," history of the name Jamahiriyah, 3/31 (Kelly Mockler, QUEBEC); 2310, denunciation of Ronnie (Lord, CA); 2307-2357, EE, nx, cmty "El Salvador--Vietnam of '80s" (Huffaker, MFx+6)  
17930 2315 SPLAJBC; AA, s/off 0200, good mx & vocals, lots of tx 3/27-28 (Forbes, TX)  
2350, AA, OM speaking to crowd, cheers & claps (Stone, ON)

MADAGASCAR

5010 0325 RTV Malagasy; Vern/EE, organ mx, ID at 0330 in EE, "This is Radio TV Malagasy broadcasting from the Malagasy Republic," Afro mx w/QSB around 0350, weak RTTY QRM, 3/14 (Parks, FL) \*\*Nice log... 1620, Vern, Afro nx by OM, vocal mx (Kornek, FRC)  
15220 \*1830 RN Relay; EE, world nx, nxline, feature on James Michener's winning of Dutch book prize, 4/3 (Evans, TX); 1830 (Forbes, TX); 2033, EE (Garrett, CA)  
15570 1729 RN; GG, ID in GG, bells, time pips, into ID again, then nx (Ross, ON)  
21685 2038 RN; EE, "Happy Station," 3/28 (Krist, VA)

MALI

4783 0620 RN du Mali; FF, Afro drum mx, 3/30 (Pimblett, AB)  
7110 0706 RN du Mali; FF, marching band mx, //11960, 3/21 (Pimblett, AB)

MAURITANIA

4845 0600 RN du Mauritanie; AA, guitar IS to 0600, then AA OM ID, presumed AA nx, into chanting w/guitar accompaniment, 4/6 (Sharp, FL, Pimblett, AB); 2305, AA, mx, ID (Sarkisian, MI)

MOROCCO

9760 2156 VoA; EE tx by Robt. Frost, 343, 3/24 (Tom Smith, FL)  
15205 1645 VoA; OM recorded mx for Europe (Art Schroeder, WI)  
17705 0001 RTVM; AA, mx, into possible ID and nx by OM (Harvey, QUEBEC)

MOZAMBIQUE

3265 0400 Maputo; OM ann, ID in EE, cmty, faded out 3/11 (Manning, TX)  
4765t 0310 Em. Nac. de Radio Mocambique; tx in PP, 3/23 (Delk, PA) \*\*I've never seen a listing for Mozambique on this freq. Did you hear an ID??? mln.  
4885.3 1926 R. Nacional; PP tx, songs, ID by OM, also noted at 2005 on 3/14 & 15  
11820 0420 R. Mocambique; PP, OM and child in conversation, OM singing (Kornek, FRC) w/guitar, ID at 0430, then OM tx (nx?), 433, 4/5 (Speer, CA)

NAMIBIA

3270 0225 R. Southwest Africa; Afrikkaans, U.S./British pops/rock, C&W w/o interruption, RTTY QRM underneath, 3/15 (Parks, FL)  
4965 2330 RSA; YL in EE, lots of Neil Diamond (Cherry, Baby!) later noted in non-EE lang, (Moman, AB); 2147, irregular reception, but in today w/usual strange mix of mx, UNID latin made reception tough, 3/22 (Sharp, FL)

NIGER

5020 0530 ORTN; FF/Vern, presumed s/on, brief tx & ID by OM, into FF singing and AA, good lvl past 0550, 3/27 (Sharp, FL); 0543 (Ross, ON)

NIGERIA

According to a VoN report of 3/7, the Federal Radio Corp (FRC) had acquired land for a xmtr in Calabar, Cross River State. Work on the site would begin w/in the next two weeks and xmtns would start six weeks later (BBC Monitoring Service)  
4770 0530 FRC/Kaduna; EE, lots of nx and cmty for Nigerians, 333, 3/28 (Moss, CA)  
0523, TC, nx, ID (Pimblett, AB, Delk, PA, Manning, TX, Leite, MA, Ross, ON)  
4990 \*0430 FRC/Lagos; EE, talking drum IS, 0433, OM w/ID, NA, pledge & nx (Cucura, PA)  
7255 0635 VoN; FF, OM, tx, afro pop, ID, not //15120, 3/16 (Hotlaing, NV)  
11770 0628 VoN; vocal chants and wailing, nx in EE, 3/10 (Lord, CA); 1710, interview w/female SWAPO member about current events in S. Africa, 3/21 (Connell, CA)  
15120 0545 VoN; EE, OM nx of opening of new Nigerian TV station, sked, mx, 3/25  
0512, pop mx, TC, ID by OM (Grijalva, AZ+2); 0734 (Annis, IN) (J.L. Jamieson, CA)  
1630-1700, EE, mx, ID, world nx (Manning, TX, Carlson, WA, Zilmer, NM+2)  
1801, EE, many IDs, commentary, nx, 3/23 (Hesch, NY)

SEYCHELLES

15200t 0405 FEBA; EE, relg rock mx, tx, gospel mx, hvy QRN, 3/26 (Tedfords, MI)

SEYCHELLES (continued)

15410 0415 FEBA; AA, IS hrd, mx beforehand, ID via IS only, 3/13 (Annis, IN)

SOMALIA

Radio Mogadishu's transmitter on 9585 kHz remains off the air. Its use has not been noted since 11/22/81, when it carried domestic svc pxs. Previously, this xmtr had carried external svc pxs, which have not been hrd since 11/9/81. R. Hargeisa has again been observed on 7120 kHz. The xmtn opened 3/11/82 at 1500. A bulletin of regional nx was bcst at 1530 and at 1700 R. Hargeisa relayed a news bulletin and commentary from R. Mogadishu. The xmtn ended at 1800 (both via BBC Monitoring Svc.)

SUDAN

5040 0400 R. Omdurman; AA, chants w/flute, readings of Koran, OM tx, presumed this one tonite, so tent. No ID hrd, 3/22 (Sharp, FL)\*\*seems to sneak in from time to time, but never consistently noted around here. mln.

UNIDENTIFIED/CLANDESTINE

4910 0555 suspect Guinea, carrier to 0557, into IS 0559, apparent NA, then man shouting w/crowd cheering in response...3/30 (Pimblett, AB)

9027 0413 R. Vatan (Clandestine, unknown QTH, possibly Egypt); 0413-0459\*, long tx by OM in presumed Farsi, occasional ME-styled vocal and instrumental mx. At 0429, drums, amnt by OM, into radio drama of some sort w/several players. More ME mx 0437, many mentions of Iran, 0456, closing amnts by OM/YL, brief ME mx, silence from 0458:30. Better than "real" Iran on 9022 tonite, 3/17 (Cunningham, Ohio) \*\*Interesting log.

9684 1455 UNID, looking for Tanzania here. Good sized het, some audio, tribal singing, amnt at 1500 by OM, but not cipied, het disappeared at 1500 cleaning up channel, heard word sounding like "Iragoah" just before they went off, 222, 3/20 (Moman, AB)

SOUTH AFRICA (in summary, here is the summary)

3250 0407 (Manning, TX); 4835 0402 (Tedfords, MI+4); 4880, 0433 (Thompson, CA); 4990, 0400 (Moman, AB+3); 7170, 0640 (Delk, PA); 9580, 0159 (Shamblin, CA); 11860, 0000-0450, (Lord, CA); 11900, 0235 (Picarelli, CA, Manning, TX); 17775, 2009 (Krist, VA); 21535, 0552 (Pimblett, AB); 25790, 1324-1420 (Krist, VA, Brown, NE)

. . . and, just to prove I don't viciously edit all South Africa logs:

15325 0230 RSA; EE, interview w/an instructor of gold mining in S. Africa, ID at 0245, "You are tuned to the Voice of South Africa, R. RSA" 3/12 (Surprenant, (thanks, Jim) MA)

SWAZILAND

R. RSA reported that Swaziland set aside approx.\$2.25 million to buy the Swaziland BC. The corporation, which is privately owned, entered into negotiations with the Swazi gov't earlier this year and has since threatened to close down unless gov't assists it. The corporation claimed it was running at a loss (BBC Monitoring Svc.)

3200 0310 TWR; Vern, chime IS w/EE OM IDs, then into a relig px (Sharp, FL)

3240 0321 TWR; sermon by OM in Vern, 3200 not audible tonite, 4/5 (Sharp, FL)

4760 0357 TWR; Shona?? IS w/freq EE IDs, last mont I hrd at 0300, why at 0400 is uncertain (perhaps shift for wintertime???) 3/31 (Sharp, FL)

7295 0400 TWR; EE ID by OM, various selections of gospel mx, 3/29 (Sharp, FL)

11740 1630 TWR; EE YL w/relg mx, very faint, only copyable on FRG7700, not on R-7 (send it back and get a Hammarlund, OM!) (Moman, AB) \*\*TWR also 11760/0440.

TOGO

5047 0525 RTVT; soft tempo chime IS, ID, into choral and afro mx, 3/18 (Sharp, FL)

TUNISIA

7225 0552 RTVT; AA, YL in AA w/singing, OM w/nx at 0600, 3/16 (Ross, ON)

UGANDA

15325 0334 R. Uganda; EE Afro-jazz/rock mx, accented YL DJ, 3/21 (Famularo, CA)

UPPER VOLTA

4815 0550 R. Haute Volta; FF/Vern, tx by OM w/ID as RTVV, also selections of local mx, much w/flute accompaniment (Sharp, FL, 3/30)

ZAIRE

5066t 0415 R. Gandit; Lang, OM w/tx, Afro sounding mx, bugle call and apparent nx at 0440, QSB'd around 0455. This could be the RR regional but no time pips noted prior to 0400 so assume Gandit (Parks, FL 3/3) \*\*Very rare, in fact I can't recall the last time (or first time) I saw a log of it...

15350 2300 LV du Zaire; FF, hiper afro mx, no ID, but into nx, mention of Kinshasa and Zaire several times, 3/22 (Sharp, FL, S. Sanchez, CA)

ZAMBIA

4911 0345 ZBS; Vern, fish eagle IS, NA, into vern tribal chants w/OM tx between selections, 4/6 by the unknown reporter...BBC M.S. says a consignment of radio valves arrived in Lusaka from China for RZ's SW xmtrs. When installed, would allow RZ to operate at full power.

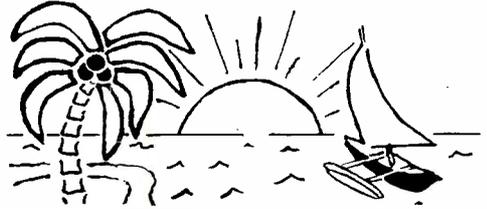
ZIMBABWE

3396 0402 ZBC/Radio 1; EE, nx ID, TC of 11 past 6, cmty, pop mx, 3/8 (Manning, TX & Jones, MS) \*\*Once again backed up against a wall. CUN30.

# ASIA-OCEANIA

EDITOR:  
TOM SCOTT  
1200 Cornwell  
Yukon, OK 73099

DEADLINE: 12th of each month  
FREQUENCIES IN KILOHERTZ  
TIMES ARE IN GMT  
\*0000=sign on 0000\*=sign off



## ASIA

### Democratic Republic of AFGHANISTAN

- 4450 0214 R. Afghanistan; Pushto/Dari; Flute Mx, OM, Time Pips  
// 4740 (222 3/3 Cucura-PA)  
4740 0228 RA; Pushto/Dari; OM Tx, Chanting, YL, slow time pips  
on half hour (443 3/25 Sharp-FL)  
15077 1830 RA; GG; End of Pushto/Dari Px, national anthem, GG;  
ID into Nx, Mx (433 4/5 Sharp-FL)

### People's Republic of BANGLADESH

- 15285 1235 R. Bangladesh; EE; YL Nx, ID, Local Mx (222 3/4  
Cucura-PA)

### People's Republic of CHINA

- 3400 1107 Fujian Front Station-Px 2; Amoy; YL, Opera Mx (222  
3/8 Cucura-PA)  
4735 1150 t-Urumqi, Xinjiang PPBS; CC; Mx with classical flavor,  
Tx (454 3/26 Nikolich-IL)  
4915 1233 Nanning, Guangxi PPBS; CC; Trad. play, Mx (433 4/3  
Famularo-CA)  
4990 1159 Changsha, Hunnan PPBS; CC; OM/YL (232 3/26 Nikolich-IL)  
5020 1205 Nanchang, Jiangxi PPBS; CC; OM/YL, Mx (222 3/10  
Schlesinger-TX)  
5170 1240 FFS-Px 2; Amoy; Play, OM, Mx // 6000 (344 4/4 Famularo-  
CA)  
6260 1144 Xining, Qinghai PPBS; CC; YL Singing, OM, Mx (333 4/4  
Famularo-CA)  
6665 1155 Beijing-Px 1; CC; YL, ID // 6750 (353 454 4/4  
Famularo-CA)  
6765 1208 FFS-Px 1; CC; OM/YL (444 4/4 Famularo-CA)  
7480 1050 R. Peking; CC; YL, Mx (322 3/27 Ward-QUE)  
7516 1118 RP; CC; Oriental instrumental Mx, OM // 7504, 7440  
(333 3/19 Ross-ONT)  
7850 1015 FFS-Px 1; CC; YL, Organ Mx (444 3/18 Creamer-CO)  
(Schlesinger-TX)  
11330 2337 Beijing-Px 1; CC; Mx (222 3/13 Egan-ONT)  
11595 1320 RP; EE; ID, story, Time (333 3/6 Picarelli-CA)  
11600 1300 RP; EE; Nx, Cmty, on OPEC (433 3/24 Hahn-CA) (Speer-CA)  
15165 1645 RP; EE; Px on African National Congress, ID (333  
3/16 Sanchez-CA)  
15600 0440 RP; CC; Trad. Mx, YL, Mx 0457\* (253 3/21 Famularo-CA)  
17680 0000 RP; EE; Nx, Cmty on US Army sales and Taiwan (353 3/31  
Connell-CA) (Jamieson-CA) (Huffaker-MEXICO) (Kasprzyk-  
TX) (Carlson-WA) (Krist-VA) (Shamblin-CA)  
17855 0136 RP; EE; CC Lang Lesson, sked (232 3/25 Levya-MS)  
(Munster-GA) (Thompson-CA) (Johnson-IL) (Famularo-  
CA) (Shamblin-CA)  
17860 0214 RP; EE; OM, Sports in China, YL ID (455 3/12 Johnson-  
IL)

Republic of CHINA (Taiwan)

5980 0315 Voice of Free China; EE; Celebration of Springtime, Caring for ancient graves (433 3/10 Byron-NY) (Creamer-CO)  
 5985 0325 VOFC; EE; "Journey in China's Culture", Mx, ID, Cmty (433 3/14 Brandt-FL)  
 11740 0230 VOFC; YL, Nx, Mx (3/22 Davis-CA) (333 3/22 Famularo-CA)  
 15270 2145 VOFC; CC/SS; So American beamed Px, Mx, OM, ID (433 3/6 Langlois-GA)  
 17800 0300 VOFC; EE; IS, Mx, YL ID, Fx, Sked, World Nx (333 3/25 Sharp-FL) (Zilmer-NM) (Miller-CA) (Shamblin-CA) (Hahn-CA)

Republic of INDIA

9950 1546 All India Radio/Hame Sce. Nx Px; EE; YL, Nx, Main points, ID // 10335, 7280 (333 3/20 Moman-ALB)  
 11620 2015 AIR; EE; OM, Native vocals and chanting, YL ID (533 3/5 Schroeder-WI) (Beaudoin-CT) (Ross-ONT) (Stone-ONT) (Sharp-FL) (Krist-VA) (Schlesinger-TX)  
 11850 1220 AIR; EE; Cmty, Nx (333 3/22 Beaudoin-CT)  
 15350 1900 AIR; FF; Rock Mx, OM/YL, Nx (444 3/22 Delk-PA)  
 17875 1010 AIR; EE; ID, Mx, Cmty (232 3/2 Hahn-CA)

Republic of INDONESIA

3215 1300 RRI Manado; INDO; Djakarta News Relay (343 3/26 Wilkins-CO)  
 3241 1200 RRI Ambon; INDO; Djakarta News Relay (242 3/26 Wilkins-CO)  
 3294.5 1240 t-RRI Samarinda; INDO; Indo vocals, IS, Nx relay (454 3/26 Wilkins-CO)  
 3345 1236 RRI Ternate; INDO; Mx, OM/YL, ID, Mx, Letters (322 3/26 Manning-TX) (Wilkins-CO)  
 4000 1235 RRI Kendari; INDO; Quran Chants, Religious Px, Mx IS (333 3/4 Wilkins-CO)  
 4856 1339 RRI Palembang; INDO; Mx (353 3/12 Wilkins-CO)  
 4932 1250 t-RRI Surakarta; INDO; YL, Tx (242 4/3 Famularo-CA)  
 5451 1210 RRI Biak; INDO, OM (232 3/29 Nikolich-IL) (Wilkins--CO)  
 5886 1320 RRI Pekanbaru; INDO; Quran chanting, Religious Px (343 3/12 Wilkins-CO)  
 11790 1400 Voice of Indonesia; EE; Nx, Cmty, Mx (323 4/3 Hahn-CA) (Hesch-NY) (Annis-IN)

Islamic Republic of IRAN

9022 0242 VOIRI; Relay of Home Sce, First Px; Farsi; Chanting, OM (333 3/10 Ross-ONT) (Pimblett-ALB) (Delk-PA)  
 9770 0500 VOIRI; AA; Mx, Tx (433 3/25 Miller-CA)  
 15084 1800 VOIRI-Relay of Home Sce; First Px; Farsi; Chants, Tx (343 4/1 Moss-CA) (Harvey-QUE) (Cunningham-OH) (Delk-PA) (Schlesinger-TX)  
 15084 2120 VOIRI; AA; OM Tx, Local Nx (444 3/24 Ward-QUE) (Shamblin-CA) (Sharp-FL)

Republic of IRAQ

9745 2158 R. Baghdad; EE; Political Cmty, YL, YL ID, Mx (544 4/2 Sharp-FL) (Beaudoin-CT)  
 21585 0336 RB; EE; YL Tx, Mx, ID, Mx (244 3/24 Johnson-IL) (Pimblett-ALB)

State of ISRAEL

9815 0224 Kol Yisrael; EE; ID, Fx, 0225\* (444 3/26 Picarelli-CA) (Sanderson-AZ) (Egan-ONT) (Hill-VA) (Manning-TX)  
 11640 0115 KY; EE; YL Mx, Letters (433 4/3 Valentine-CA) (Langlois-GA) (Shamblin-CA)  
 15585 2015 KY; EE; Interview Px (433 3/11 Stephenson-CA) (Jones--MS) (Forbes-TX) (Harvey-QUE) (Manning-TX) (Hahn-CA) (Ward-QUE) (Shamblin-CA) (Krist-VA) (Speer-CA) (Smith-FL)  
 25640 1740\* KY; Yiddish; IS/S/off (252 3/25 Munster-GA)

JAPAN

3910 1251 Far East Network; EE; Message from Lung Association, story on "baseball" bawsuit (333 3/26 Pimblett-ALB)

3925 0925 JOZ/Nihon Shortwave Broadcasting Co. Ltd; EE/JJ; YL, Pop Mx, OM (333 3/13 Hotaling-NV)

9505 1800 R. Japan; EE; OM/YL, ID, Mx (433 4/2 Valentine-CA) (Manning-TX)

9510 1700 RJ; EE; ID, Mx (544 4/5 Valentine-CA)

9595 1320 JOZ3/NSB; JJ/EE; 2 YL's, Tx, ads (233 3/3 Manning TX)

9675 1115 RJ; EE; ID, Short Sked, Nx (432 3/31 Clark-KS) (Miller-CA)

9760 1454 JPZ7/NSB; JJ; ID, YL (544 3/12 Sable-CA)

11750 0809 FEN: EE; PSA/s, Local Phone number, awful Rock Mx, Local TC (433 4/5 Thompson-CA)

11810 1310 RJ; EE; Nx, Cmty (433 4/20 Picarelli-CA)

11815 1200 RJ; EE; Nx (3/29 Davis-CA) (Beaudoin-CT) (Connell-CA)

15310 \*1200 RJ; EE; ID, Nx (#22 3/31 Clark-KS)

15325 0714 RJ; EE; OM, Editorial (322 4/6 Traver Smith-CA) (Famularo-CA)

17755 2315 RJ; EE; Nx, JJ Lang Lesson (433 3/9 Sable-CA) (Shamblin-CA)

17810 0405 RJ; EE; Nx, ID (254 4/5 Speer-CA) (Pimblett-ALB)

17825 0005 RJ; EE; Dx Corner on Shortwave Equip (323 3/22 Beaudoin-CT)

21640 0130 RJ; EE; Nx, Cmty on budget, "Hello America" Segment (444 3/14 Hahn-CA) (Harrell-IL)

KAMPUCHEA People's Republic

11938 1207 Voice of the People of Kampuchea; EE/FF; YL, Cmty, ID, March Mx, FF \*1215 (222 3/8 Cucura-PA)

Democratic People's Republic of KOREA

4118v 1358 Voice of the Revolutionary Party for Reunification of Korea; ? Lang/EE; YL Sked, Tx (232 3/19 Pimblett-ALB)

6540 2330 R. Pyongyang; JJ; YL Tx, Classical Mx (444 4/4 Famularo-CA)

6576 2100 RP; EE; Nx, ID, Tx on a great leader (533 2/28 Kiewit-HOLLAND)

9745? 1145 RP; EE; YL Tx on Leader, Mx (334 4/3 Miller-CA)

9977 1130 RP; EE; Mx, YL, History Lesson, ID, Nx (433 3/31 Clark-KS) (Schlesinger-TX) (Davis-CA) (Lord-CA) (Manning-TX) (Blake-IN) (Connell-CA)

11350 2330 Choson Chungan Pongsong/Pyongyang; KK; YL/OM Tx (222 3/13 Egan-ONT)

Republic of KOREA

6135v 1300 R. Korea/Suweon; EE; Nx, OM Cmty, YL, Invitation to Korea, "Let's Speak Korean", YL (534 3/10 Miller-CA)

6480 2130 RK; GG ?; Nx, ID, Mx (533 3/7 Kiewit-HOLLAND)

7550 1600 RK; EE; Local Nx and events, Px on Cultural Exhibit, Cmty, answers to Listeners questions (454 3/28 Connell-CA)

9570 1000 RK; EE; Maritime shipping; (444 3/13 Blake-IN)

9720 \*1330 RK; EE; Nx, Cmty, "History & Culture", KK Lang Lesson, Dx Hour", Nx Headlines, 1430\* (344 3/19 Manning-TX) (Brown) (Hesch-NY) (Miller-CA)

9870 1230 RK; FF; Fx, Nx OM/YL, Mx Cmty, Mx, KK Lang Lesson, SS \*1300 (433 3/12 Miller-CA)

11810 0625 RK; EE; Folk tale about a river (323 3/13 Lord-CA)

11830 1531 RK; KK; OM W/trad. KK Mx, YL Tx (534 4/5 Thompson-CA) (Jamieson-CA) (Moss-CA) (Creamer-CO) (Davis-CA) (Hahn-CA)

15575 2226 RK; EE; OM/YL Nx (333 3/30 Jones-MS)(Sharp-FL)

17875? 1010 RK; EE; Cmty (333 3/2 Schlesinger-TX)

State of KUWAIT

11675 1900 R. Kuwait; EE; Tx about Israel, ID, Mx (354 3/22 Snyder-NY) (Schlesinger-TX) (Tedford-MI)

15345 0500 RK; EE; ID, Mx (411 3/14 Delk-PA)

LAO People's Democratic Republic

6600v 1239 National Radio on Laos/Champassak-Pakse: Lao; Local Mx, YL Tx, OM (333 3/26 Sharp-FL)  
 6980? 1230 NRL/Louang Prabang: Lao; Much Lao/SEA Mx, OM Tx, ID (333 3/26 Sharp-FL)

Republic of LEBANON

6215 2200 Voice of Hope: EE; "Unshackled", Pop and religious Mx, Sermonette (252 3/9 Fraser-MA) (Kiewit-HOLLAND)  
 11775 0230 R. Lebanon: EE; Nx, Cmty (434 3/21 Zolla-CA)

MALAYSIAPeninsular

7295 1520 Radio Television Malaysia/Penang: EE; YL, Ezl Mx, OM Nx, YL ID, Mx, Anthem 1558\* (333 4/5 Carlson-WA)

Sarawak

4950 1500 Radio Television Malaysia-Sarawak/Kuching-Red Network: EE; Religious Radio Play (353 3/28 Connell-CA) (Nikolich-IL)  
 5030 1150 RTMS/Kuching-Blue Network: Bidayuh; YL Tx (232 3/22 Nikolich-IL)  
 7160 1051 RTMS/Kuching-? Network: EE; Px of Lite Pops, TL, Nx (222 4/6 Fisher-MA)

MONGOLIAN People's Republic

12070 1150 R. Ulan Bator: ? Lang/EE; Nx, Cmty, Tx on new breed of sheep, EE \*1203 (433 4/1 Evans-TN) (Carlson-WA) (Krist-VA) (Kasprzyk-TX) (Sanchez-CA) (Delk-PA) (Manning-TX)

Kingdom of NEPAL

3424.7 1644 R. Nepal: Nepali; Mx // 4994.6 (Pr/Fr 3/2 Korner-FRG)

Sultanate of OMAN

15310 1910 British Broadcasting Corp/Relay: EE; OM Nx (3/12 Sarkisian-MI)

Islamic Republic of PAKISTAN

4812.7 1640 Pakistan Broadcasting Corp/Karachi: EE; Mx, OM (Pr 3/7 Kornek-FRG)  
 9870? 1656 R. Pakistan: EE; ID, Address, Time, Nx // 11670 (322) (333 3/20 Moman-ALB)  
 13605 1650 RP: EE; 5 min of Nx during Turkish Px // 17620 (343) (222 3/27 Zilmer-NM) (13607.2-232 3/20 Moman-ALB)  
 17840 0235 RP: EE; OM Tx on Pak/China // 21595 (252) 0245\* (332 Spill de R. Bras Munster-GA) (Schlesinger-TX) (Sarkisian-MI)  
 21755 0230 RP: EE; OM Slo-speed Nx // 21595 (333 4/1 Berri-CA) (Shamblin-CA) (Manning-TX)

Republic of PHILIPPINES

9605 1130 R. Veritas Asia: EE; "Encounter" (443 3/24 Miller-CA)  
 9670 1515 RVA: Viet; OM/YL Tx, ID (242 3/9 Miller-CA)  
 11725 1230 RVA: JJ; IS, OM, ID, YL Tx, Mx // 15210 (444) (544) (3/15 Delk-PA) (Miller-CA)  
 11820 1600 RVA: Bengali/EE; ID, B/C Times, YL 1605\* (333 3/16 Carlson-WA)  
 11890 0500 Far East Broadcasting Corp: EE; Religious Mx, Cmty, ID Time Nx (333 3/5 Taylor-AZ) (Kunek-FRG)  
 11955 1430 RVA: EE; ID, "GoldenYears" Nx (434 3/7 Miller-CA)  
 15385 1449 FEBC: ? Lang; IS, ID, Tx, Mx (333 3/28 Zilmer-NM)  
 15440 1330 FEBC: EE; Religious Px (322 3/25 Zilmer-NM)  
 15450 2330 FEBC: EE; World Nx, ID, Religious Px, "Calling Dxers" Listeners Mailbag (242 3/27 Connell-CA) (Zilmer-NM)  
 17810 0032 FEBC: EE; Nx, ID (232 3/25 Pimblett-ALB) (Egan-ONT) (Zolla-CA)

State of QATAR

11730 0530 Qatar Broadcasting Sce: AA; Chants, OMTx, Chants (444 3/15 Delk-PA)  
 15505 0338 QBS: AA; OM Nx, ID, Cmty, ID Mx (444 3/18 Cunningham-OH) (Beaudoin-CT)

Kingdom of SAUDI ARABIA

11855.5 0532 BSKSA: FF; YL Tx, Mx (Fr 3/19 Kornek-FRG)  
 15060 2105 BSKSA/relay of Home Sce: AA; OM Singers (333 3/24  
 Ward-QUE) (Schlesinger-TX) (Sharp-FL) (Shamblin-CA)  
 15060 0400 BSKSA: Turkish; IS (122 3/26 Zmnis-IN)

Republic of SINGAPORE

5052 1330 R. Singapore: EE; OM, YL, ID, Mx (322 3/14 Hotaling-  
 NV)  
 9740 1100 BBC/Relay: EE; World Sce: OM Nx, ID (444 3/14 Creamer-  
 CO) (manning-TX)  
 11940 1225 RS: EE; Nx, YL, ID (3/16 Sarkisian-MI) (Nikolich-IL)  
 (Manning-TX) (Beaudoin-CT) (Miller-CA) (Fomularo-CA)  
 11955 1730 BBC/Relay: EE; Quiz show, World Nx 1829\* (433 3/19  
 Sable-CA)

Democratic Socialist Republic of SRI LANKA

9720 0230 Sri Lanka Broadcasting Corp: EE; Mx, YL (444 3/23  
 Delk-PA (Schlesinger-TX))  
 15425 0304 SLBC: EE; OM Birthday announcements, requests, TC  
 (344 3/27 Johnson-IL) (Egan-ONT) (Pimblett-ALB)  
 (Tedford-MI) (Delk-PA)

UNION OF SOVIET SOCIALISTS REPUBLICAzerbaijan

4785 0230 R. Baku: Az; Mx, OM/YL (Fr 3/22 Parks-FL)

RSFSR-Far East

4485 0836 t-Petropavlovsk-Kamchatsky: RR; Qz1 Mx (333 3/10  
 Schlesinger-TX)  
 4610 1115 Khabarovsk: RR; Radio Drama (342 3/21 Schlesinger-TX)  
 5940 1132 Magadan: RR; Rock Mx (443 3/21 Schlesinger-TX)

UNITED ARAB EMIRATES

11755 0334 UAE Radio: EE; Nx, YL Requests for Reports, ID (322  
 3/4 Garrett-CA) (Annis-IN) (Delk-PA)  
 15320 0333 UAE Radio: EE; Nx, ID, Cmty (223 3/25 Manning-TX)  
 (Kobylski-MD) (Annis-IN) (Moman-ALB)  
 17710 1630 UAE Radio: EE; QSL Info, IS, ID, Nx (322 3/26 Zilmer-  
 NM)  
 17775 0330 UAE Radio: EE; YL, ID, Nx (454 3/29 Berri-CA)  
 21655 1615 UAE Radio: EE; Cmty, ID, Nx (333 3/28 Beeman-OH)  
 (Levya-MS) (Zilmer-NM) (Schroeder-WI) (Ross-ONT)  
 21700 0530 UAE Radio: EE; YL, Nx ID (343 3/26 Ross-ONT) (Carlson-  
 WA)

Socialist Republic of VIETNAM

6603 1202 Hoang Lien Son: VV; YL Nx, Tx Px (332 3/15 Schlesinger-  
 TX)  
 10080 1128 Voice of Vietnam: EE; Mx; 1128\* (242 3/29 Schlesinger-  
 TX)  
 15012v 1800 VoV: EE; Cmty against us (353 3/27 Connell-CA) (353  
 3/5 Cucura-PA) (Moman-ALB) (Hotaling-NV) (Ross-ONT)  
 (Pimblett-ALB) (Cunningham-OH)

YEMEN Arab Republic

4853 0310 R. San'a: AA; Chants, OM Tx (Gd 3/22 Parks-FL) (Sharp-  
 FL) (Delk-PA)  
 9780 0425 RS: AA; OM Cmty, YL, Mx, ID, Marching Mx (333 3/18  
 Cunningham-OH) (Kasprzyk-TX) (Ross-ONT)

People's Democratic Republic of YEMEN

11770t 1654 Democratic Yemen Broadcasting Sce: AA; YL Mx, IS,  
 Nx (443 2/28 Schlesinger-tx)

# OCEANIA

## Commonwealth of AUSTRALIA

4920 1250 Australian Broadcasting Corp. VLM 4/Brisbane; EE; Ezl Mx, ID, Nx "Meditation" (233 3/26 Manning-TX) (Sharp-FL) (Pimblett-ALB)

5995 0746 R. Australia/Lyndhurst; EE; Papua/New Guinea Sce; Mailbag Px (444 3/13 Pimblett-ALB) (Manning-TX)

6060 1410 RA/Shepparton; EE; Wld Nx, Local Nx, Business Nx (333 3/15 Picarelli-CA) (Manning-TX) (Lucas-CA)

7260 0730 RA/S; EE; Pop Mx, Island Mx (322 3/13 Pimblett-ALB)

9580 1130 RA/S; EE; Mx, Wx, OM Mx, Px about Jackerooing (555 3/25 Harrell-IL) (Hesch-NY)

9610 1200 ABC/VLW 9 Wammeroo; EE; Variety Px, Bulletin of ABC Nx, Local Nx (544 5/1 Sharp-FL) (Manning-TX)

9770 1335 RA/S; EE; Ezl Mx, OM (333 3/17 Manning-TX)

11795 1100 RA/?; EE; Nx // 11820 (333 3/14 Beaudoin-CT)

11820 0740 RA/S; EE/Pidgin; Papua-New Guinea Sce, Mx, OM, Nx "Count down" // 9760 (323 3/24 Reames-JAPAN) (Pimblett-ALB)

15115 0730 RA/S; EE; 2 YL Tx on Sydney's "Women in the Arts Festival" (444 4/6 Traver Smith-CA) (Hill-VA) (Delk-PA) (Hahn-CA)

15145 0820 RA/?; EE; Dx Px, Mx, Nx "Export-Px (544 3/21 Hill-VA)

15160 0610 RA/L; EE; OM With "Australia Nx Items in Brief" (544 3/22 Shamblin-CA) (Davis-CA) (Taylor-AZ) (Munster-GA)

15240 0723 RA/L; EE; OM Tx on Nationalities Living in Australia, Mx (322 4/6 Traver Smith-CA) (Hill-VA)

17715 0620 RA/?; EE; CW Mx 0630\* (555 3/19 Hill-VA)

17790 0420 RA/?; EE; ID, Western Mx, Rock Mx (433 3/19 Smith-FL)

17795 0311 RA/S; ee; National Nx YL, TC, Disco Mx (344 4/8 Johnson-IL) (Shamblin-CA) (Connell-CA) (Sable-CA) (Davis-CA) (Snyder-NY)

17800 0600 RA/?; EE; OM Wld Nx (544 3/29 Valentine-CA)

21525 0430 RA/S; EE; Nx, ID, TC, Mx (433 3/26 Smith-FL)

21680 0545 RA/S; EE; "Body Px" By Dr. Earle Hacket, Jazz, World Px of Nx // 17870 (RA/C; 252) (353 3/21 Munster-GA) (Smith-FL)

21740 0235 RA/S; EE; Pop Mx, TC, Perspective // 17795 (222) (322 4/5 Speer-CA) (Harrell-IL) (Davis-CA) (Forbes-TX) (Sanderson-AZ) (Stephenson-CA) (Scott-OK)

## COOK ISLANDS

11760 0812 R. Cook Is; EE/Maori; Rock Mx, Local Mx, OM DJ (322 3/27 Garrett-CA) (Pimblett-ALB) (Lord-CA) (Hotaling-NV) (Sharp-FL)

## GUAM

11735 0819 KTWR; EE; IS, Px Rundown, 0821 Gospel Mx (533 4/5 Thompson-CA)

11840 0800 KTWR; EE; ID, "Unshackled" Px (444 3/20 Pimblett-ALB)

## Republic of KIRIBATI

16433 0555 R. Kiribati; EE?; on LSB singing, OM with British accent) (232 3/22 Moman-ALB) (Sarkisian-MI)

## NEW CALEDONIA

7170 0905 R. Noumea; EE; "Johnny Knight" show, top 40, ID on every Sat for 2 hours 0905-1105, requests, TC FF \*1105 (Gd 3/27 Garrett-CA) (Traver Smith-CA) (Pimblett-ALB)

## Dominion of NEW ZEALAND

11960 0915 R. New Zealand; EE; Mx, Mailbag (433 3/20 Blake-IN)

15485 1130 RNZ; EE; Mellow Mx, OM, ID, Nx, Wx 1217\* (444 4/1 Clark-KS) (Thompson-CA) (Sable-CA)

NEW ZEALAND Con't

17705 0440 RNZ: EE; Classical Mx Px (343 4/4 Lucas-CA) (Shamblin-CA) (Speer-CA) (Harrell-IN) (Cucura-PA) (Jamieson-CA) (Davidson-TX) (Miller-CA) (Sharp-FL) (Wilkins-CO) (Manning-TX) (Sarkisian-MI) (Moman-ALB)

NOTE: There has been talk about RNZ's shortwave service being removed from the NZ budget and thus an end to an excellent station. However, some reports indicated that the service would end 4/1, but several of the reports above fall after that date, perhaps RNZ has been reprieved, but for how long? I agree with Ken in his Keynotes for Apr '82, let's write the PM, Let's keep RNZ on the air!

PAPUA NEW-GUINEA

4890 0901 P2T4-Port Moresby: EE; Px on Woman's drive for equal rights, sports Nx (333 3/1 Lord-CA) (Hotaling-NV) (Jamieson-CA) (Thompson-CA) (Manning-TX) (Pimblett-ALB) (Sharp-FL)

POLYNESIA (French)

Tahiti

11825 0314 R. Tahiti-France Regions 3: Tahitian; YL, Island Mx (433 4/3 Thompson-CA) (Lord-CA)  
15170 0730 RT: FF/Tahitian; OM, Chorus (433 4/6 Traver Smith-CA) (Shamblin-CA) (Manning-TX) (Delk-PA) (Sharp-FL) (Cucura-PA)

SOLOMON ISLANDS

5020 0745 Solomon Islands Broadcasting Corp/H4B5: EE; Nx, ID (343 3/27 Huffaker-MEXICO) (Miller-CA) (Thompson-CA) (Hotaling-NV)  
9545 0745 SIBC/H4B9: EE; Mx, OM, YL, ID (311 3/23 Snyder-NY) (Lord-CA) (Pimblett-ALB) (Huffaker-MEXICO)

VANUATU

7260 \*0815 YBJ7/R. Vanuatu: EE; OM Nx, ID, Wld Nx, Wx, Mx FF \*0830 (322 3/19 Garrett-CA) (Pimblett-ALB)

BBCMS Copyrighted

DATELINE

BBCMS Copyrighted

AFGHANISTAN: Ex Sce. Px are heard on 15077, 11755, 9665 in EE are heard from 1900-1930. The last two fx are believed to emanate from USSR. The 1530-1600 EE Sce. continues to be heard on 6230 and irreg on 9550.

CHINA: R. Peking: some new EE skeds: 0000-0200 17855, 17680 (which continues to 0300), 1200-1300: 15520.

INDIA: here are some fx of Air Zonal and Regional Radio Services: Armed Forces Px (in Hindi & Gurkhall) 1235-1315: 4860; Programme for Arunachal: 1115-1130: 15320, 11810; Vividh Bharati (Commercial sce) 11830 (0830-1015, 1030-1200), 9750 (0600-0630, 0830-1100), 9615 (1300-1445), 9525 (0125-0400), 7265 (0130-0300), 7235 (1245-1730).

MALAYSIA: R. Malaysia (Domestic sce from Kuala Lumpur): EE Sce: 2200-0130, (to 0530 on Sun), 0530-1600: 9665, 7295, 4985; (domestic sce from Sarawak/Kuching) EE Sce: 1200-1210, 1430-1440, 2330-2335: 9605, 7160, 4950; (domestic service from Sabah/Kota Kinabalu) EE Sce: 1200-1210, 2300-2305: 5980. (Voice of Malaysia) EE Sce: 0555-0825: 15295, 9750, 6175.

PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN (Domestic Sce): 0300-0630, (until 1100 on Fri.), 1100-2200: 11770 (from 1100), 7190 (unconfirmed), 6005, 5970 (Unconfirmed), all px in AA.

Finally this news item, according to Israeli newspaper 'Ha'aretz', The "voice of Hope" in Lebanon has decided to transfer ownership of it TV station to CBN here in the states, I wonder if Pat Robertson will accept it and perhaps the Shortwave outlets also?

\*\*\*\*\*  
To last notes: to Peggy, we named our daughter Jessica Ann, and to Ralf in GA--it's good to have you back. GOOD DXING.--Tom

# WORLD SERVICE STATION SKEDS

EMISSIONS

## PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

P.O. Box 146

Stoneham, MA 02180

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

Well, I certainly hope you're enjoying the beautiful spring weather! Just one week ago, on April 6th, we had a 15 inch snowfall in the New England area, hi. Things are melting fast and it is just about gone. The M82 broadcasting period will expire on May 2nd and the summer J82 period will be with us until September. Please send those new skeds in soon for the June column. Unless otherwise noted, all skeds are for English programs and times are in G.M.T. Schedules credited to the "BBC MS" are used by permission of the BBC Monitoring Service's World Broadcast Information Division. On to the skeds:

**AFGHANISTAN.** Radio Afghanistan has this current undated sked. Note: some of these transmitters are located in the USSR.

1330-1530	6230	Urdu
	15255	"
	21460	"
1630-1700	11805	Russian
1700-1730	11805	Arabic
	15320	"
	17850	"
1730-1830	7280	Pashto-Dari
	9665	"
	15077	"
1830-1900	7280	German
	9665	"
	15077	"
1900-1930	7280	English
	9665	"
	15077	"

(D. Sharp)

**BENIN.** La Voix de la Revolution in Cotonou sends the following sked.

0415-0800	4870	Mon thru Saturday
1300-2300	4870	Mon thru Saturday
0600-2300	4870	Sunday only

The station broadcasts in French, English, and vernaculars.

(B. Annis)

**BULGARIA.** Radio Sofia has this current undated sked. This one receives the award this month for the most reported sked received.

0000-0100	9700	North America
	11720	"
0400-0500	11860	"
0730-0800	9560	Europe
	11765	"
	15160	"
1930-2000	9700	"
	11720	"
2130-2200	9700	"
	11860	"
	11720	"
2230-2330	9700	North America
	11720	"

Rumor has it if you tie your Martenitsas around the top of your

whip antenna, Radio Sofia will show a 20 db gain, hi.

(J. Berri, R. Carson, K. Krist, R. Moss, M. Oakley, T. Smith, J. Taylor)

**BRAZIL.** Radio Bras (Nacional) has this English sked. Undated, but current.

1900-2000	15125	Europe
	17805	"
0200-0300	15290	Central/No America
	17830	"

(R. Reinecker) Those of you who haven't tuned into this program are missing out on some interesting listening, ed.

**CANARY ISLANDS.** The RNE in the mid-Atlantic has this current sked issued from Tenerife.

2253-2333	11815	Spanish
	15365	"

(R. Hesch)

**EQUADOR.** Radio Station HCJB, The Voice Of The Andes, sends this J82 schedule which is valid until the 4th of September.

0030-0130	15175	North/South America
0030-0200	17890	North America
0030-0500	15155	"
0030-0700	9745	"
0500-0700	6095	"
	11915	"
0600-0730	11810	Europe
	15225	"
0700-1030	9745	South Pacific
0700-1100	6130	"
	11925	"
1200-1430	11740	North America
1200-1530*	15115	North/South America
1230-1530*	17890	North America
1730-1800	17790	Europe
	21480	"
1900-2000	17790	"
	21480	"
2130-2200	15295	"
	17790	"
(direct)	21480	" * = Sat/Sun to 1600

**GERMANY(East):** Radio Berlin International has this summertime (DST) sked. Please note that due to the DST time change that broadcasts are one hour earlier.

0000-0045 9730 ECNA  
 11970 "  
 0130-0215 9730 "  
 11970 "  
 0230-0315 11840 WCNA  
 11890 "  
 11975 "  
 0545-0630 6080 "  
 11890 "  
 (direct)

**HOLLAND.** Radio Nederland has the following current schedule.

0700-0720\* 11720 West Africa  
 15560 "  
 9895 "  
 5955 "  
 0730-0825 9715 Pacific  
 9770 "  
 0830-0925 9715 Australia  
 0930-1020 5955 Europe  
 6045 "  
 9895 "  
 11930 "  
 15560 "  
 1330-1420 5955 "  
 6045 "  
 9895 "  
 11930 "  
 17605 "  
 1430-1520 11735 South & Ea Asia  
 15560 "  
 21480 "  
 1830-1920 6020 Cen, Ea, So Afr  
 15220 "  
 2030-2120 9715 We & Cen Africa  
 15220 "  
 17605 "  
 17695 "  
 21685 "  
 0230-0325 6165 ECNA  
 9590 "  
 0530-0625 6165 WCNA  
 9715 "

\* = Not Sunday (Happy Station)

Transmitter Sites: B = Bonaire  
 L = Holland (Lopik)  
 M = Madagascar

(D. McCants)

**JAPAN.** Far East Network in Tokyo broadcasts 24 hours a day.  
 Frequencies: 3910 All 10 kw power

6155  
 11750  
 15260

If you log one of these on the East Coast, consider it a real DX catch!  
 (L. Taylor)

**KOREA(North):** Radio Pyongyang sent this undated English schedule.

0600-0800 9420 Europe  
 11945 "  
 0800-1000 9977 Southeast Asia  
 11780 "  
 1100-1300 9977 America

**KOREA:** continued.

1300-1500 9977 Southeast Asia  
 1500-1700 9977 Middle East/Africa  
 11885 "  
 1700-1900 9977 "  
 11885 "  
 2000-2200 6576 Europe  
 9420 "  
 2300-0100 9977 Americas  
 (M. Hardester)

**LESOTHO.** Last month, the Radio Lesotho sked printed was in error. Here is the correct sked.  
 0400-2035 4800 Except Wed., Sunday  
 0400-2105 4800 Wed., Sunday only  
 Programming is three hours of English and the remainder in Sesotho.  
 (N. Murff)

L  
 L  
 L **NEW ZEALAND.** Radio New Zealand in Wellington, valid until May 2nd, provided station is still operating.  
 B As I type this, they're still on the air.  
 L 0825-1215 11960 Australia-NW Pacific  
 L 0825-1215 15485 Pacific  
 L 1800-2105 11960 "  
 L 15485 "  
 L 2115-0815 15485 Australia-NW Pacific  
 L 17705 Pacific  
 L (B. Annis)

L **NORWAY.** Radio Norway in Oslo sends us their J82 sked, valid until September 4th. To North America. Broadcasts are in Norwegian except for the last half hour of each transmission on Sunday (\* = Mondays GMT date) which is the English program "Norway This Week".  
 M 0100-0230\* 11740 North/Central Amer.  
 L 11840 WCNA  
 B 0300-0430\* 11870 WCNA  
 B 11895 ECNA  
 B 0500-0630\* 11895 North/Central Amer.  
 B 1300-1430 15125 WCNA  
 B 1500-1630 15125 or 15195 North Amer.  
 B 1700-1830 15175 ECNA  
 B 1900-2030 15175 WCNA  
 2100-2230 15175 North/Central Amer.  
 17840 ECNA  
 2300-0030 11870 North/Central Amer.  
 15205 ECNA

(Direct)

**PHILIPPINES.** The Far East Broadcasting Corp. (FEBC) had this sked valid until May 1st.

0000-0100 17810  
 0800-1000 11890, 21515  
 1245-1600 15440  
 2300-0100 15450  
 2300-0500 21515  
 0100-0500 15435  
 (M. Hardester)

Radio Veritas in Manila has this schedule which expires May 10th.  
 0030-0100 15135, 15275, 17705 Asia  
 0300-0330 15215, 15275, 17705 "  
 (continued, following page.)

PHILIPPINES: continued.  
 1130-1200 9605, 11770, 15210 Asia  
 1430-1500 9670, 11955, 15210 "  
 (B. Miller)

POLAND. Polish Radio in Warsaw has this North American schedule, dated March 11th.

0200-0230\* 6095, 6135, 7145, 7270, 9525, 11815, 15120  
 0300-0330\* 6095, 6135, 7145, 7270, 9525, 11815, 15120

\* = Note, this is only the approx. time English ends and Polish begins. (BBC WBI)

SAUDI ARABIA. Radio "Jeddah" has the following current English sked.  
 1000-1250 11855  
 1700-2100 11855  
 (D. Carrier)

SOUTH AFRICA. Here is a sked for the English "Radio Five" service of the SABC.

0300-0545 3250  
 0550-1525 9680  
 1530-2200 3250  
 (M. Hardester)

SPAIN. Radio Exterior de Espana has this English J82 sked.

0000-0200 9630 North America  
 11880 "  
 0530-0630 9630 "  
 11880 "  
 1900-2100 9765 Europe  
 11840 "  
 (R. Harrell)

SWEDEN. Radio Sweden has schedule for the SSB relay of the Swedish P1 home service program.

0630-0800 21550  
 0800-0930 21550  
 0930-1800 21555  
 1800-2130 21645  
 (BBC WBI)

TURKEY. Here is a partial schedule of the TRT (Voice Of Turkey) from Ankara, valid as of March 28th. My sincerest apologies for the sked appearing in the February issue. It was long out-of-date!

2030-2130 9625 Western Europe  
 2200-2300 7155 "  
 9560 North America  
 11770 Southeast Asia

(Off Air)

USA. AFRTS has this M82 schedule, valid until May 2nd, 1982

0015-0400 21670 PO Southeast Asia  
 0200-0400 11710 NC Europe  
 0200-0700 6030 OH Caribbean  
 0200-0700 17765 CA East Asia  
 0330-0700 15330 CA "  
 0400-0700 9745 NC Europe  
 0400-2000 26000 PO Southeast Asia  
 0900-1100 9530 OH Africa  
 0900-1100 9590 NC Europe  
 0900-1200 6030 NC Caribbean

AFRTS: continued.

1000-1600 9700 CA East Asia  
 1000-1800 11805 CA East Asia  
 1100-1700 15330 OH Africa  
 1100-0200 15430 NC Europe  
 1200-0200 15330 OH Caribbean  
 1600-2200 17765 CA East Asia  
 1700-2300 15345 OH Africa  
 1800-0330 21570 CA East Asia  
 2000-0015 15305 PO Southeast Asia  
 2200-0200 25615 CA East Asia

Transmitter Locations:

CA = Delano, CA  
 OH = Bethany, OH  
 NC = Greenville, NC  
 PO = Poro, Philippines  
 (D. McCants, T. Smith)

VATICAN STATE. Vatican Radio has this current sked to North America.

0100-0115 6015, 9605, 11845  
 (R. Yajko)

YEMEN. Here is the current schedule of the People's Democratic Republic of Yemen Broadcasting Station.

All programs are in Arabic.  
 0300-2200 5970, 6005, 7190, 11770\*  
 \* = signs on at 1100.  
 (BBC WBI)

LAST MINUTE INFO - LAST MINUTE INFO

BELGIUM. Here is the J82 schedule for the BRT in Brussels.

0030-0115 11695 North America  
 15360 South America  
 1400-1445\* 21525 North America  
 21810 Far East  
 1815-1900 9790 Europe  
 17595 Africa  
 2100-2145+ 6010 Europe  
 17595 Africa

\* = Monday thru Friday only  
 + = Monday thru Saturday only  
 (R. Yajko)

JAPAN. Radio Japan's new schedule for the J82 period to ECNA.

2345-0045 17825  
 21610 (replaces 15300)

(W. Pickard II)  
 Thanks for the call, QM!

\*\*\*\*\*

Since we've got some space left, let me mention a few things. First, medium wave skeds are out. This is a shortwave club only. Also, skeds showing meter bands are next to worthless and will not be used.

Schedules giving program data should be sent to fellow editor Woody Seymour. This column is times, frequencies, target areas and languages only.

Before closing, I'd like to wish all of you a great spring.

73/God Bless You, *Ch*

# UTILITY SCENE

EDITOR: MIKE CHABAK  
6171 E. Bellvue #19  
Tucson, AZ 85712

Hello Gang: As many of you now know, the Newark News Radio Club has ceased publication; apparently a victim of the hard economic conditions. Bob French edited its ute column for the past 13 years, and I know that many of us are sorry to see Bob's column, and the NRRC itself, closing down operations.....

.... 71 contributors this month; heavy input, so onto the loggings.....

## \*\*\*\* NORTH AMERICA \*\*\*\*

AK.: 4125 U 0445 WRC-544 Dutch Harbor wkg W3F-Unalaska (HCB-WA)  
6506.4 U 0520 NOJ- CG Kodiak wkg CGG Polar Star (JOH-WA)  
8938 S 0139 Anchorage Aero wkg Singapore 11 (HCB-WA)  
8984 U 0235 NOJ- CG Kodiak wkg CG 1603 (FJO-OH)  
11176 U 1425 AKA5- Elmendorf Aways wkg MAC 40637 (CP-CO)  
13201 U 0514 AKA5- Elmendorf Aways wkg MAC 70157 (JCH-MD)  
13344 S 0455 M1579- Anchorage Aero - VOLMET (JFL-MS)  
BER.: 8549.3 C 2214 VFT- C&W Hamilton V mkr (JMK-WA)  
3330 A var. VAX- Ganso CG Radio - WX b/c ann. (FJO-OH)  
4255 U 0310 CPH- CANMILL Halifax - V mkr (HGJ-TX)  
5624 S 0439 VFG- Gander Aero wkg Canada 870 (RDC-WV)  
5652 S 0420 VFG- Gander Aero - VOLMET (JPL-MS)  
5703 U 0316 CANMILL Shearwater: wkg HMCS Nipigon (JDM-WN)  
8440a C 2042 VGS- Halifax CG Radio - V/CG/GSX mkr (JFL-MS)  
8868 S var. VFG- Gander Aero - VOLMET (RAD-WA) (ML-ME)  
12125 C 1853 CHN- CANMILL Vancouver - V mkr into t/c (LVH-TX)  
13272 S var. VFG- Gander Aero - VOLMET (RNP-CT) (GM-PA)  
15035 U 1540 CUX- CANMILL St. Johns - WX b/c (HDT-WV)  
17996 U 2035 CHR- CANMILL Trenton wkg CANMILL a/c (GR-IL)  
2182 U 0515 NMA- CG Miami wkg Yankee 9561 (JCH-MD)  
2507 U 1620 WOU- Boston MAROP - NTM b/c (ML-ME)  
2670 U 0520 NNN13- CG Cape Hatteras- r/c CG Eastern Shore (JCH)  
2670 U 0516 NOQ7- CG Panama City - emergency b/c (JCH-WD)  
2802 U 0521 WOY- New York MAROP clg IKSM (RDC-WV)  
3001 S 0435 W5Y79- New York Aero - VOLMET (ML-ME)  
4366 U 0416 WOM- Ft. Lauderdale MARCO wkg m/v Boheme (JFL-MS)  
4425.6 U 0330 WOM- Ft. Lauderdale MARCO - t/c list (HGJ-TX)  
4428.7 U 1048 NMC- CG San Francisco - Marine WX (JMT-AZ)  
4585 U 0010 (NC CAP) Kiddle Car 1 wkg Middle 42 (BLA-PA)  
4585 U 0006 (NC CAP) Red Dog 1 wkg Middle East 1 (BLA-PA)

## AM RTTY USB ISB LSB CW FAX A3H

COLUMN  
COVERAGE  
0-30 MHz  
H.F.

### \*\*\*\* AIRCRAFT \*\*\*\*

U 0323 CG 1481 wkg CGAS San Diego CA (JDM-WN)  
U 0338 CG 1485 wkg CGAS Astoria, OR (JDM-WN)  
U 0335 CG 5787 wkg CG Miami FL (JDM-WN)  
U 0517 CG 1502 wkg CG New York NY (RAL-OH)  
U 0445 CG 1488 wkg CG Portsmouth VA (RAL-OH)  
U 0338 CG 5787, CG 1400, OMAHA 2 wkg each other (CHS-IL)  
U 0306 CG 1351 wkg CG Portsmouth VA (CHS-IL)  
U 0437 MAC 70026 wkg Croughton Aways (CHS-IL)  
U 0521 CAN RESUCE 332 wkg CANMILL Edmonton (MTC-AZ)  
S 2313 EASTERN 960 wkg New York Aero (DAH-VA)  
U 0257 MAC 60175 p/p to McGuire CP via Scott Aways (RDC-WV)  
U 1211 MAC 68306 wkg McLiellian Aways (JDM-WN)  
S 0800 CLIPPER 459 clg Bogota Aero (HCB-WA)  
S 0244 NORTHWEST 161 wkg Gander Aero (DAH-VA)  
S 1944 PAN AM 46 wkg Tokyo Aero (JDM-WN)  
S 1354 TIGER 78 wkg Tokyo Aero (JDM-WN)  
U 0259 CG 1351 wkg CCC Reliance (CHS-IL)  
U 1333 MAC 50256 clg McLiellian Aways (JDM-WN)  
S 1505 KING CHARLIE (SSSUP) clg Cape Radio (BLA-PA)  
S 0235 ARGENTINA 127 wkg Dakar Aero (BLA-PA)  
U 1437 KING CHARLIE (SSSUP) wkg Cape Leader (CP-CO)  
U 0122 KING CHARLIE clg King Alfa (SSSUP) (BLA-PA)  
U 0127 MAC 60203 wkg Albbrook Aways (BLA-PA)  
U 1833 AIRVAC 40639 p/p to Andrews AFB via MacDhill (GHS-IL)  
U 1830 MAC 60195 p/p to Discard via Scott Aways (RDC-WV)  
U 1721 CG 1351 wkg CGAS Houston TX (CP-CO)  
U 1702 MAC 60173 wkg MacDhill Aways (LVH-TX)  
U 2210 QUEBEC 351 wkg MacDhill Aways (JDM-WN)  
S 1400 AMERICAN 667 r/c with New York Aero (JDM-WN)  
S 1608 AMERICAN 543 wkg New York Aero (HDT-WV)  
S 1613 AIR CANADA 964 wkg New York Aero (HDT-WV)  
S 1622 PALM 187 wkg New York Aero (HDT-WV)  
S 1852 DELTA 1088 wkg New York Aero (RDC-WV)  
S 1857 AMERICAN 699 wkg New York Aero (RDC-WV)  
S 0215 SPEEDBIRD 52 wkg Brazzaville Aero (JPL-MS)  
S 0213 ZAMBIA 938 wkg Brazzaville Aero (JPL-MS)  
S 0244 AEROFLOT 433 wkg Brazzaville Aero (JPL-MS)  
S 1740 AIR CANADA 956 wkg New York Aero (JDM-WN)

4585 U 0013 (WV CAP) Low Land 600 wkg Middle 42 (BLA-PA)  
 4602.5 U 0215 (MI CAP) Red Robin 215 wkg Red Robin 31 (BLA-PA)  
 4721 U 0022 AFA3- Andrews AFB wkg a/c 537 (RDC-WV)  
 5000 A var. WV- SFTS Ft. Collins CO (KWK-VA) (JDS-FL)  
 5652 3 var. WSY79- New York Aero- VOLMET (JPL-MS) (RSR-ONT)  
 5696 U 0014 NMG- CG New Orleans wkg CG a/c 3768 (LVH-TX)  
 6219 U 1241 WJ-322 Tampa FL clg tug Intrepid (JRU-MS)  
 6220 U 1714 KXP-274 Lockheed Base LA wkg WYR 7574 (CFR-MS)  
 6376 C 0014 WGC- Chatham MARCO - V/QSX mkr (PAT-CA)  
 6418 C 0020 WEL- Amagansett NY MARGO - CG/QSX mkr (PAT-CA)  
 6506.4 U 1232 NWA- CG Miami FL clg CGC Evergreen (JDM-WN)  
 6506.4 U var. NNN- CG Portsmouth - WX/NTM-(KWK-VA) (BLA-PA)  
 6706 U 0115 Cape Radio (SSSUp) wkg UTC Liberty (BLA-PA)  
 6706 U 1205 Cape Radio (SSSUp) shuttle update ann. (RJC-MA)  
 6924.5 C 0225 KKN56- USDOS Wash DC clg KOT78, KJB22, etc (JAB-TX)  
 8251 I 0130 VOA - Feeder xman from Greenville NC (JAB-TX)  
 8291 U 0612 NMG- CG San Francisco wkg USS Shasta (MTC-AZ)  
 8291.1 U 0544 WAZ-476 Bethell WA wkg WYX 2824 (MTC-AZ)  
 8612.4 C 2225 WNH- Baltimore MARCO - V mkr (JMK-WA)  
 8765.4 U 2330 NMG- CG Portsmouth VA - WX b/c (WJP-FL)  
 8765.4 U var. NWC- CG San Francisco - WX/NTM (DAH-VA) (LMT-AZ)  
 8819 S 0148 KI2XAO (AMFt) QTH ? wkg a/c N.600K.C. (FJO-OH)  
 8843 3 0505 San Francisco Aero wkg Tiger 2826 (JGH-MD)  
 8868 3 var. WSY79- N.Y. Aero - VOLMET (PAT-GA) (TAG-UK)  
 9006 U 0420 Cape Radio wkg Abnormal 10 (dpx) (GR-IL)  
 9242 L 0030 AFRTS Feeder - (BCW-FL)  
 9350 I 1504 VOA Feeder (LMT-AZ)  
 10000 A var. WV- SFTS Ft. Collins (JHD-PA) (RNP-CT) (KWK-VA)  
 10340 C 0230 AP New York QRA/MC mkr (WFI77, WFK50, etc) (RVD-KS)  
 10647 L 0312 AFA3- Andrews AFB wkg SAM 496 with p/p (LJS-CO)  
 10780 U 2120 Cape Radio (SSSUp) wkg Picopay (range ship) (BLA-PA)  
 11246 U 2257 AFB8- MacDill AFB wkg various a/c (SH-QUE)  
 11282 3 0312 San Francisco Aero wkg American ?? (GR-IL)  
 11387 3 2122 KEA5- New York Aero wkg Eastern 952 (JGH-MD)  
 11488 U 1615 KAG-82 FBI- QTH ? testing with KAG 78 (RLR-KS)  
 12135 C 1850 NAM- NOS Norfolk VA - ID mkr (LVH-TX)  
 12343 U 0317 WOM- Ft. Lauderdale MARCO wkg WO 420 (MP-NY)  
 12952.9 C 0454 WHH- Baltimore MARCO - CQ mkr. (RBC-CA)  
 13101 C 0025 WLO- Mobile MARCO - V mkr (PKE-ONT)  
 13113.2 U 0423 NWC- CG San Francisco clg CGC Cape Carter (GHS-IL)  
 13113.2 U 2014 NMC- CG San Francisco wkg CGC Polar Star (CP-CO)  
 13113.2 U 0441 NMC- CG San Francisco - WX b/c (PKE-ONT)  
 13144 U 2044 WOM- Ft. Lauderdale MARCO wkg Ocean Endeavor (JRU)  
 13190.7 U 0015 WOM- Ft. Lauderdale MARCO wkg Sea Treasure (PKE)  
 13215 I 2355 AFA3- Andrews AFB wkg Air Force One (CP-CO)

13387 3 1910 DELTA 105 wkg New York Aero (JDM-WN)  
 13387 3 1721 AVIANCA 006 wkg New York Aero. (JDM-WN)  
 15015 U 0249 MAC 40644 wkg Scott Aways (DAH-VA)  
 18002 U 1723 ARMY 18059 p/p via McCellan Aways (HCB-WA)  
 18018 U 1430 AIREVAC 38083 p/p to Andrews via MacDill (BLA-PA)  
 \*\*\*\*\* TACTICAL \*\*\*\*\*  
 U 0405 ZERO TWO wkg ZERO ONE (LJS-CO)  
 U 0110 FIGURAIR 681 clg FIGURAIR 680 (LJS-CO)  
 U 0505 DONATE wkg FILMORE (RAL-CH)  
 U 1450 RANGE CONTROL wkg CGC Courageous (BLA-PA)  
 U 0315 RED DEVIL ROMEO wkg RED DEVIL ZULU/SIERRA (LJS-CO)  
 U 0330 X3R, R9K, 5DK, 3FU, etc (naval exercise) (RLR-KS)  
 L 0402 CROOVY wkg Andrews AFB MD (RAL-OH)  
 U 0617 WHISKEY 8 WHISKEY r/c 4 JULIET HCTEL (RMA-IA)  
 L 1318 PATHOLOGY wkg Andrews AFB MD (RAL-OH)  
 U 0355 YANKEE 3 TANGO wkg FOXTROT 1 WHISKEY (RDC-WV)  
 U 0120 4 VICTOR TANGO wkg 2 UNIFORM NOVEMBER (LVH-TX)  
 U 1525 KEELER wkg CLIMAX (LJS-CO)  
 U 0529 SAM 24430 wkg McCellan Aways (MTC-AZ)  
 U 1320 QUEBEC BRAVO 87 wkg McCellan Aways (JDM-WN)  
 U 1028 LARK 41 p/p via McCellan Aways (LMT-AZ)  
 L 0140 SPAR 60 wkg Andrews AFB MD (MDC-NY)  
 U 0044 RAILBIHD clg Andrews AFB MD (CP-CO)  
 U 0507 WHISKEY 5 CHARLIE wkg INDIA CHARLIE MIKE (RAL-OH)  
 U 0407 SAM 86971 wkg Andrews AFB MD (GHS-IL)  
 U 1439 SAM 12492 wkg Andrews AFB (RAL-OH)  
 U 2347 VENUS 90 wkg Andrews AFB (RAL-CH)  
 U 1418 SAM 31681 wkg Andrews AFB (RAL-OH)  
 U 0541 FILMORE wkg VAGRANCY (RAL-CH)  
 U 0411 QUEBEC 95 wkg QUEBEC 18 & 73 (LJS-CO)  
 U 0450 DYNAMITE with Foxtrot b/c (GR-IL)  
 U 0359 RAMPAIT wkg SLINGSHOT (GHS-IL)  
 U 0508 MIKE 71 wkg SUNSHINE (GHS-IL)  
 U 0509 SHARK 616 wkg MIKE 103 (GHS-IL)  
 U 0449 BARBARIC wkg HAMPSHIRE (GHS-IL)  
 U 1358 MIKE 6 XRAY wkg ROMEO 7 DELTA (LJS-CO)  
 U 0434 WHISKEY 6 KILO wkg OSCAR 9 OSCAR (DAH-VA)  
 U 1345 RASPBERRY PENSACOLA wkg SPARTAN (JDM-WN)  
 U 1532 SILVER BELL wkg SUN KING 660 (LJS-CO)  
 U 0209 FOXTROT 8 LIMA wkg ALFA 1 VICTOR (JAB-TX)  
 U 1313 BRAVO 8 FOXTROT clg 7 ROMEO VICTOR (JDM-WN)  
 U 0705 VICTOR 6 KILO wkg 8 ROMEO DELTA (CG-TX)  
 U 0508 YANKEE OSCAR 0604 wkg McCellan Aways (LVH-TX)  
 U 2137 RAM 25 wkg MacDill Aways (JDM-WN)

USA.: 13272 3 var. WSY70- N.Y. Aero- VOLMET (QM-PA) (TAG-UK) (LVH-TX)  
 13344 3 var. KSP70- Oakland Aero- VOLMET (JPL-MS) (LVH-TX)  
 14792 U 1430 KVI- NOAA Miami FL wkg ZDZ 2 (LJS-CO)  
 15000 U 1932 WVI- SFTS Ft. Collins CO (KWK-VA)  
 15031 U 1845 AFI 2- McClellan awys wkg Edgy 26 (CP-CO)  
 15046 U 2050 AFI 2- McClellan awys wkg Ellis 52 (GR-IL)  
 15540 C 1735 KX350- USODS Wash DC - QRA mkr (LVH-TX)  
 15587.1 U 2037 KHU- San Diego CA wkg m/ v Nautalis (JCH-MD)  
 15587.1 U 2043 KEB- New Orleans LA wkg WTH 6510 (JCH-MD)  
 15587.1 U 1755 KUX- San Diego CA wkg unkn vessel (HCB-WA)  
 15587.1 U 2050 KUZ 503- San Diego CA wkg WY 4621 (JCH-MD)  
 15587.1 U 2032 KHT- Cedar Rapids IA wkg Exxon Newark (JCH-MD)  
 15594.7 U 0110 KVM- Starkest, CA wkg ZCPV Rhonda 2 (CFR-MS)  
 16934a C 1504 WCC- Chatham MA MARGO - v mkr (PSK-WI)  
 17245 U 1648 WOC- Ocean Gate MARGO- p/ for m/ v Universe (LVH-TX)  
 17251.5 U 1800 WLO- Mobile AL MARGO - WX b/c (HCB-WA)  
 17257.7 U 1330 WOM- Ft. Lauderdale MARCO - WX/tic list (JDM-MN)  
 17258 U 1936 WOM- Ft. Lauderdale MARCO c/g JHYN (JRJ-MS)  
 17292 U 1900 WOC- Ocean Gate MARCO wkg IU92 Americana (JRJ-MS)  
 17307.3 U 2242 NMC- CG San Francisco wkg CG Polar Sea (CFR-MS)  
 17307.3 U 1646 NMC- CG San Francisco - WX b/c (LVH-TX)  
 18666 U 1700 KJI-88 FBI New Orleans wkg KKI68, KKI73 (RULR-KS)  
 19123a U 1737 (SSSup) relay of Houston/Shuttle comms (GR-IL)  
 20185.7 U var. Cape Radio (SSSup) status ann. (RULR-KS) (LVH-TX)  
 20880 U 1925 KFY92- AJRA Kitt Peak, Tucson AZ- testing (GR-IL)  
 20936 U 2015 NNN9AJJ- USN MARS VA wkg NNN90CXO, etc (AM-UK)  
 21365 S 1555 W5RRN- Johnson Space Ctr (HAM) t/c (BS-MT)  
 22426 C 1955 KFS- San Francisco MARGO - CQ/QSX mkr (FSK-WI)  
 22516a C 1950 KFS- San Francisco MARGO - CQ/QSX mkr (FSK-WI)  
 22520 C 1600 WCC- Chatham MA MARGO - v mkr (BC-ITLY)

\*\*\*\* CENTRAL AMERICA \*\*\*\*  
 TIM- Limon MARGO - DE/ v mkr (RBC-CA) (PKB-ONT)  
 TIM- Limon MARGO - CQ mkr (FAC-UK)  
 HRIMM- US MILGP Tegucigalpa wkg AHP4 (BCW-PL)  
 WZ70- Panama Aero - wkg unid a/c (HCB-WA)  
 HPNG6- Panama MARGO- CQ/QSX (AM-UK) (RMA-IA) (PAG-UK)  
 HPNG6- Panama MARGO - CQ mkr (RBC-CA)  
 AHF2- Albrook Aways p/p for Iard 26 (LVH-TX)  
 AHF2- Albrook Aways wkg unid a/c (HCB-WA)

\*\*\*\* CARIBBEAN \*\*\*\*  
 BPO- Bridgetown MARCO - DE mkr (JMK-WA)  
 CLA- Havana MARGO - CQ mkr (HGJ-TX)  
 CLA- Havana MARGO - CQ mkr (JMK-WA)  
 CLA33- Havana MARGO - CQ mkr (RBC-CA)

8989 U 0027 ADA 85 wkg MacDalll Aways (RAL-OH)  
 8993 U 1627 KING 75 wkg MacDalll Aways (CP-CO)  
 8993 U 0235 WINDY 51 wkg MacDalll Aways (RAL-OH)  
 9010 U 1315 WINDY 01 c/g Andrews AFB MD (JDM-MN)  
 9010 U 1659 BRAVO 5 DEWIA: wkg GOLF 3 QUEBEC (CP-CO)  
 9014 U 2131 RAYMOND 17 wkg ALLOW 14 (JDM-MN)  
 9018 U 1811 SAM 31683 wkg Andrews AFB (RAL-OH)  
 9018 U 1810 TROUT 98 p/p Aria Control via Andrews (GHS-IL)  
 9018 U 1522 DURATION p/p via Andrews AFB (RAL-OH)  
 9023 U 1932 ARIZONA PETE wkg SUN DANCE (JDM-MN)  
 9023 U 1528 BIG DRAL wkg EDGY 11 (JDM-MN)  
 9023 U 1532 FEIGTLE wkg SURFER (JDM-MN)  
 9023 U 1211 INCOGNITO wkg CULTIVATE (JDM-MN)  
 9023 U 1219 CULIVATE p/p to MURDOCK via ALI BABA (JDM-MN)  
 9023 U 1713 BUZZARD wkg ARIZONA PETE (CP-CO)  
 9027 U 0925 WHITESIDE wkg BROADSIDE (LMT-AZ)  
 10780 U 1436 AGAR 15 wkg CAPE RADIO (JAB-TX)  
 10780 U 1357 PICOPAY wkg CAPE RADIO (JDM-MN)  
 10780 U 1545 KING CHARLIE r/c with CAPE LEADER (SSSup) (JDM-MN)  
 10882a U 1447 DRAGONFLY 2 wkg DRAGONFLY 1 (MDC-NY)  
 11119 U 0449 SPIRAL 75 wkg Hickam Aways (GHS-IL)  
 11203a L 1643 ARIA 1 wkg ARIA CONTROL & CAPE RADIO (GR-IL)  
 11182 U 0103 AIR FORCE 50222 p/p BLUE DIAMOND CONTROL via Scott (JFL)  
 11182 U 1822 SPAR 37 p/p 55th SRW via Scott Aways (RDC-WV)  
 11182 U 1820 MUSIC 33 p/p MUSIC BASE via Scott Aways (RDC-WV)  
 11239 U 1617 BOOKSHELF wkg McClellan Aways (JDM-MN)  
 11239 U 1936 EDGY 35 p/p EDGY CONTROL via McClellan (CP-CO)  
 11243 U 1607 TOD 110 wkg CYCLER (RDC-WV)  
 11243 U 2040 FERRET 26 wkg MUSKEG (JDM-MN)  
 11243 U 0040 HUMPHREY p/p SEXTON & RICEY via BARNABY (MDC-NY)  
 11243 U 0205 BRILLO 24 p/p via TOLLGATE CONTROL (WS-ONT)  
 11246 U 1624 TEAL 35 p/p TEAL OPS via MacDill Aways (RDC-WV)  
 11246 U 1747 FIST 72 wkg MacDilll Aways (RDC-WV)  
 11246 U 1703 GLOBE 74 wkg MacDilll Aways (LFR-TX)  
 11246 U 1736 IVORY 21 wkg MacDilll Aways (CFR-MS)  
 11249 U 0204 SAM 86972 wkg Andrews AFB MD (JCH-MD)  
 11249 U 1730 AIR FORCE ONE wkg Andrews, p/p to CROWN (GR-IL)  
 11267 U 1502 3 YANKEE HOTEL wkg 8 MIKE KIL0 (RAL-OH)  
 11267 U 0107 5 JULIET CHARLIE wkg 0 JULIET ALFA (DAH-VA)  
 11429 U 2050 CHIEFTON REAR wkg CHIEFTON FORWARD (GR-IL)  
 11441 U 0326 MUG WAMP wkg NIGHT LONG (GR-IL)  
 11441 U 1703 WILDER wkg BILLY BOB (LJS-CO)  
 11441 U 2000 ROLLALIST testing & calling unid sta (GR-IL)  
 11804 U 2013 BOOKSHELF 01 wkg BOOKSHELF ALFA (LJS-CO)  
 11804 U 2010 BOOKSHELF OUTPUT wkg BOOKSHELF INFUT (LJS-CO)

COST: 13099.6 C var. TIM- Limon MARGO - DE/ v mkr (RBC-CA) (PKB-ONT)  
 17149 C 2124 TIM- Limon MARGO - CQ mkr (FAC-UK)  
 HOND: 13950 U 0055 HRIMM- US MILGP Tegucigalpa wkg AHP4 (BCW-PL)  
 PANA: 6666 C 0745 WZ70- Panama Aero - wkg unid a/c (HCB-WA)  
 6608 C var. HPNG6- Panama MARGO- CQ/QSX (AM-UK) (RMA-IA) (PAG-UK)  
 12874a C 0443 HPNG6- Panama MARGO - CQ mkr (RBC-CA)  
 15015 U 1747 AHF2- Albrook Aways p/p for Iard 26 (LVH-TX)  
 18019 U 1743 AHF2- Albrook Aways wkg unid a/c (HCB-WA)

BARB: 12709 C 2244 BPO- Bridgetown MARCO - DE mkr (JMK-WA)  
 CUBA: 4225.2 C 0305 CLA- Havana MARGO - CQ mkr (HGJ-TX)  
 8701.9 C 2237 CLA- Havana MARGO - CQ mkr (JMK-WA)  
 12673.5 C 0326 CLA33- Havana MARGO - CQ mkr (RBC-CA)

CUBA: 12748.8 C 1600 CLQ- NAVRAD Havana wkg UIDO, LUIMO, ULQD (JAB-TX)  
 20291 C 0130 CLQ- NAVRAD Havana clg COJM, COJP (JAB-TX)  
 22396a C 2000 CLQ- Havana MARCO - SS WX b/c (PSK-WI)  
 MAHI: 4263 C 0315 FFP- Ft. de France MARCO - CQ mkr (HGJ-TX)  
 13031.5 C 0442 FUF- FF NAVRAD Ft. de France - DE mkr (RBC-CA)  
 22390.8 C var. FUF- FF NAVRAD - V mkr (JHW-NJ) (JMK-WA) (RJC-NA)  
 META: 22550 C 1625 PKQ222- DU NAVRAD Suffisant - V/QSX mkr (RMA-IA)  
 P.R.: 2182 U 0444 NMR- CG San Juan - missing boat ann. (JCH-MD)  
 11392a 3 2228 San Juan Aero wkg Wardair 556 (PKE-ONT)  
 12700 C 1740 NMR- CG San Juan - QRA mkr (JMK-WA)

\*\*\*\* SOUTH AMERICA \*\*\*\*

ASCN: 8993 U 0435 AFD14- Ascension Aways wkg Ascot 4748 (LVH-TX)  
 BRZL: 12840 C 2253 PPO- Embraer Olinda MARCO - V mkr (JMK-WA)  
 22420 C 1859 PFR- Embraer Rio de Janeiro - CQ mkr (JHW-NJ)  
 CHIL: 17413 C 2250 CCS- Santiago NAVRAD - V mkr (AM-UK)  
 COLO: 8938.4 3 0453 Bogota Aero clg San Andres Aero (JCH-MD)  
 12832.5 C 0422 HKG- Buenaventura MARCO - DE mkr (RBC-CA)  
 13087.5 C 0417 HKB- Barranquilla MARCO - CQ mkr (RBC-CA)  
 17002.7 C 1719 HKB- Barranquilla MARCO - CQ mkr (JMK-WA)  
 17590 C 2220 5KM- Bogota NAVRAD - clg CCG Iquique (AM-UK)  
 16948 C 2136 HGM- Guayaquil MARCO - CQ & tlc list (PAC-UK)  
 17590 C 2305 HDN- Quito NAVRAD - clg IOL Buenos Aires (AM-UK)  
 GUY: 12709 C 0026 HRB- Demerara MARCO - DE mkr (AM-UK)  
 PERU: 20885 U 2115 OAE21- USMAG Lima wkg AHF4 Albrook (GR-IL)  
 URGY: 12750 C 2248 CWA- Cerrito MARCO - CQ mkr (JMK-WA)  
 VENE: 6100 A var. YVTO- SPTS Caracas - (NH-VA) (CW-PA)

\*\*\*\* EUROPE \*\*\*\*

AZOR: 6750 U 0450 CUW2- Lajes Aways - Capsule b/c (HCB-WA)  
 8859 3 0511 CSI- Santa Maria Aero wkg Mexico 450 (JCH-MD)  
 8945 3 0432 CSY- Santa Maria Aero wkg Glipper 164 (PKE-ONT)  
 12994 C 1710 CPH- Horta NAVRAD - V/ MC mkr (AM-UK)  
 BELG: 12745 C 1725 OSN- Oostende NAVRAD - V/MC mkr (AM-UK)  
 12781.5 C 1743 CST- Oostende MARCO - tlc list (JDK-MW)  
 13057 C ---- OST50- Oostende MARCO - V mkr (JDK-MW)  
 18467 S 0650 ORI28- Brussels PTP - EE/FF/FL/YL/VM (PJO-OH)  
 BUL: 12940 C 1751 LZW5- Varna MARCO - DE mkr (JMK-WA)  
 CYPR: 10141 U 2330 5BC46- CTA Nicosia - EE/CK/YL/VM (AM-UK)  
 DEN: 17068.5 C 1726 OXZ8- Lyngby MARCO - CQ mkr (JMK-WA)  
 22459 C 1246 OXZ93- Lyngby MARCO - CQ/QSX mkr (RMA-IA)  
 ENG: 2768 C 1948 MGJ - RN QTH ? - V/QSX mkr (PAC-UK)  
 4251.6 C 0340 GKC- Portsmouth MARCO - DE mkr (HGJ-TX)  
 4721.8 U 0327 MVU- West Drayton VOLMET (DAH-VA)  
 11200 U 2157 WYU- West Drayton VOLMET (TAG-UK)  
 12345 U 0310 BRC Daventry Feeder (ME-NV)

11817 U 1603 BABYTALK 03 wkg BABYTALK 01,02,06 & each other (GHS)  
 12240 U 1450 VICTOR 2 QUEBEC02 wkg GOLF 9 INDIA 41 (RAL-CH)  
 13197 L 1500 HOTEL 76 radio test with HOTEL 80 (CP-CO)  
 13215 L 2008 AIR FORCE ONE p/p CROWN & wkg Andrews (CR-IL)  
 13215 L 2005 AIR FORCE ONE z/c with Andrews AFB (CP-CO)  
 13215 L 0035 AIR FORCE ONE p/p CROWN, AP COMMAND, USENB TOKYO (JCH-MD)  
 13246 U 1718 TEL 06 p/p Miami Monitor via MacDill (LVH-TX)  
 13247 U 1446 SAM 31683 wkg Andrews AFB (RAL-OH)  
 13675 U 2010 CUTTLE ROCK wkg USN vessel (GR-IL)  
 13907 U 1648 DOOR KNOB with comms test (GHS-IL)  
 13907 U 2125 JALIBAIT wkg PORTHOLE (GR-IL)  
 14501 U 2306 FOXTROT NOVEMBER BASE clg FOXTROT NOVEMBER MOBILE (RLR)  
 14620.8 U 0630 SIERRA 1 BRAVO wkg GOLF 1 CHARLIE (smugglers) (RLR-KS)  
 15015 U 1930 SAM 31683 wkg Andrews Metro via Scott (GHS-IL)  
 16080 L 0315 a/c 698 wkg Andrews AFB/16407,18027,20053,23265 (GHS)  
 17015 U 2322 TANGO 4 ZULU wkg VICTOR 3 OSCAR (CP-CO)  
 17323 U 0302 GOLF 2 DELTA wkg UNIFORM 6 SIERRA (DAH-VA)  
 47960 U 1526 KILIO JULIET 041 wkg JULIET 7 GOLF 04 (RAL-OH)  
 (US Army war games)  
 17975 U 1827 MACMI 69 p/p to TOPIC CONTROL (JAB-TX)  
 18002 U 1945 EYESIGHT 02 p/p EYESIGHT DUTY via Loring (GR-IL)  
 18005 U 1512 Andrews AFB p/p t/c with PAT COMM ONE (CP-CO)  
 18009 U 2312 KILIO 3 OSCAR wkg KILIO 8 INDIA (CP-CO)  
 18018 U 1723 GREEN 44 p/p Key West Metro via MacDill (RMA-IA)  
 18018 U 2013 RUBO 13 p/p N.Y. Oceanic via MacDill (RDC) (BLA)  
 18027 U 1721 IRIS 714 p/p IRIS CONTROL via Andrews (GR-IL)  
 18060.5 U 1945 ALFA ALFA CHARLIE wkg MIKE UNIFORM MIKE (CP-CO)  
 18666 U 1494 FLINT 357 wkg ATLAS (RDG-MV)  
 18666 U 1518 FLINT 351 p/p MARLIN 395 via Atlas (RAL-OH)  
 18666 U 1811 SHARK 35 p/p MARLIN 395 via Atlas (RAL-OH)  
 18666 U 1453 SHABREEZE 100 wkg Atlas (LMT-AZ)  
 18666 U 1653 FLINT 354 wkg FLINT 351 (CP-CO)  
 18666 U 0139 SUNDANCE 300 & SEABREEZE 100 wkg Atlas (GHS-IL)  
 18666 U 1549 SHARK 626 wkg Atlas (LVH-TX)  
 18666 U 1544 OMAH 40 UNIFORM p/p MARLIN 395 via Atlas (LVH-TX)  
 20601 S 1937 PAPA 5 NOVEMBER wkg ECHO 3 WHISKEY (LJS-CO)  
 20739 L 0052 PRETEND wkg QUARTER & CINDERELLA (LJS-CO)  
 22630.1 U 2053 NOVEMBER 9 GOLF clg QUEBEC 4 WHISKEY (RMA-IA)  
 23288 U 1745 7 UNIFORM KILIO wkg 2 LIMA MIKE, 2 UNIFORM KILIO (BC)  
 \*\*\*\* NUMBERS \*\*\*\*  
 3260 A 0404----- G/Y 5dd "Victor Echo" 10Mar82 (JN-MN)  
 5110 A 0201-0212 R/O none - Epsys type violin music, played over again (4) times. After each 2nd run, "Termina" repeated 3 times  
 Possible a musical version of the numbers. 27Mar (LC-OH)

5812 A 0220-0236 S/Y 4d "Fin" s/off 15Mar82 (JAB-TX)  
 6748 A 0730-0743 S/Y 5d "Finalx2" s/off (544) 12Mar (RMA-IA)  
 6771 A 0701----- S/Y 5d "ATT 107-150" 06Apr82 (JN-MN)  
 6790 A 0809-0813 S/Y 5d "ATT 140-10" 28Mar82 (JN-MN)  
 6840 A 0623-0627 E/Y 5d 3-2 delivery (555) 05Apr (JN-MN)  
 6895 L 0357----- S/Y 5 1 tr 09Mar82 (JN-MN)  
 6917 A 0810-0814 E/Y 5d "ATT 207-20" (433) 18Mar (RFW-GA)  
 7445 A 2300-2304 S/O none "369 000000" repeats (454) 10Mar (JN-MN)  
 7618 A 0345----- E/Y none repeats-too weak to copy 12Mar (JN-MN)  
 8105 A 0641----- S/Y 5d "ATT 373-75" 06Apr82 (JN-MN)  
 8425 A 0232----- E/Y none-S.Y.N.2 repeats 25Mar (JN-MN)  
 8925 A 0446----- E/Y none-C.I.0.2 repeats (GHS-IL)  
 9052 A 0352-0355 E/Y 5 1 tr- end of msg s/off (333) 23Mar (JN-MN)  
 9072 A 0405-0411 G/Y 5d "ende" s/off (444) 17Mar (IG-OH)  
 9433 A 0212----- S/Y 4d 04Mar82 (WS-ONT)  
 9445 A 0831----- S/Y 5d (554) 06Mar82 (RMH-NY)  
 10125 A 2330-2334 S/O none-369 000000 repeats (555) 10Mar (JN-MN)  
 11054 A 0900----- S/Y 5d "ATT 684-25" (322) 17Mar (RFW-GA)  
 11512 A 0400----- S/Y 5d "ATT 525-99" 09Mar82 (JN-MN)  
 11532 A 0806----- S/Y 5d (554) 22Mar82 (RMH-NY)  
 12166 A 0031-0036 S/Y 4d //9075 kHz (333) 09Mar (LG-OH)  
 13150 A 2310-2325 S/Y 4d (555) 03Mar82 (RVD-KS)  
 17965 A 0630----- S/Y 5d "ATT 459-60" 12Mar82 (JN-MN)  
 6500 C 0108 CWLO RFTY K repeats (PAT-CA)  
 6600 L 2030 ALFA 32 - EE/OM - French pirate sta/CQ DX (TAG-UK)  
 8668a C 0051 VVV DE AAR AAR AAR K812Q repeats into t/c (PAT-CA)  
 16145.3 R 1600 BRO RY repeats 66/425n (RMA-FRAN)  
 17380 C 2207 VVV DE FSN repeats (PAT-CA)  
 18879.8 C 1832 CQ CQ CQ DE WAS FOR A4P NR94 FOR PUR NR86 (JAB-TX)

\*\*\*\*\* UNIDENTIFIED \*\*\*\*\*  
 ANGO: 22845 1340 ANGO Luanda - FF/NX 66/425n (RMA-FRAN)  
 ANTA: 15930 0258 RUZU Molodezhnaya Base- RYs/WX 66/425r (HLH-TX)  
 15905.1 1930 RUZU Molodezhnaya Base- WX 66/850n (RMA-FRAN)  
 ARGN: 13516.7 0020 SAFOROTI Buenos Aires- SS/NX 50/850n (GB-IL)  
 ARZT: 19690 0712 AXM3V- Canberra - WX 66/850r (FUJ-OH)  
 BRST: 16240 0600 ZVK- Rio de Janeiro Air- WX (ERP-ROK)  
 BUZL: 6424 var. CFH- CANMIL Halifax- WX 74/850n (PAB-NA)  
 CAN.: 8697 2000 CFH- CANMIL Halifax- NAWs NTM 100/850r (ELA-PA)  
 9890a 1800 CFH- CANMIL Halifax- WX 100/??? (PSK-WI)  
 PRG.: 16113 2130 Peking Air - 66/425n (RMA-FRAN)

16041.3 L 1550 APRFIS Feeder Barford (?K-FRG)  
 22407.3 C 1858 GKC- Portishead MARCO - DE mkr (JHW-NJ)  
 22431 C 1300 GKD7- Portishead MARCO - DE mkr (RMA-IA)  
 22454.2 C 1357 GWC7- NAVRAD London - MC mkr (RMA-IA)  
 22562 C 0800 CHE-P Portishead MARCO - DE mkr (BC-ITLY)  
 22580 C 1900 GEP- Portishead MARCO - DE mkr (BC-ITLY)  
 22776.5 U 1947 Portishead MARCO wkg unid vessel (HCB-WA)  
 22930 U var. BBC Davenport Feeder (RMA-IA) (BC-ITLY) (JAB-TX)  
 FIN.: 2649 A 1954 OPT- Hanko MARCO - c/g all ships (PAC-UK)  
 FRAN: 16923.6 C 0323 OFJ5- Helsinki MARCO - QSX mkr (FJO-OH)  
 21898 A 1905 PFO- St. Nazaire MARCO - all ships ann. (PAC-UK)  
 4232 C 0330 HWN- Paris NAVRAD - V mkr (HGJ-TX)  
 5010.8 C 1210 FDC- FF AF Metz Frescaty - V mkr (AM-UK)  
 5038 C 1215 FDX- FF AF Orleans - V mkr (AM-UK)  
 8453 C 0519 HWN- Paris NAVRAD - ID mkr (HLH-TX)  
 12912.6 C 1749 PTL6- St. Lys MARCO - CQ mkr (JMK-MA)  
 12875 C 0512 FUG- FF NAVRAD Castelmaury - V mkr (HLH-TX)  
 13178.3 U 2300 PFL61- St. Lys MARCO - FF/OM/WN (JDM-MN)  
 17317 PFL81- St. Lys MARCO - musical notes/ID (JRJ-MS)  
 23165a C 1604 HWN- Paris NAVRAD - V mkr (RMA-IA)  
 23675 U 0900 PFL39- St. Lys MARCO - FF/OM/WN & music (BC-ITLY)  
 4234 C 0335 Y5W- Rugen MARCO - V mkr (HGJ-TX)  
 16268 C 0832 Y7A65- MFA/ZID Berlin - V/QFA mkr (AM-UK)  
 11233 C 0030 DHM95- CANMIL Lehr - WX b/c (HCB-WA)  
 12898.5 C var. DAN- Norddeich MARCO - CQ mkr (JDM-MN) (RBC-GA)  
 17048 C 1924 DAF- Norddeich MARCO - V mkr (JHW-NJ)  
 22517 C 0830 DAN- Norddeich MARCO - CQ mkr (BC-ITLY)  
 GIBR: 41234 U 0344 MUJ- RAF Gibraltar wkg RAF Upavon (GR-IL)  
 GRE: 29500 C 1908 SVF- Athens MARCO - DE mkr (JHW-NJ)  
 HOLL: 8952 U 0520 PBM- Amsterdam wkg KL644 (oil rig) (JCH-MD)  
 12799.5 C 1745 PH51- Scheveningen MARCO - DE mkr (JMK-WA)  
 17103.2 C 1921 PH671- Scheveningen MARCO - DE mkr (JHW-NJ)  
 ICE.: 13069.5 C 2155 TFA13- Reykjavik MARCO - CQ mkr (RJC-WA) (BC-IT)  
 5533 3 var. EIP- Shannon Aero- VOLMER (JRJ-MS) (JAB-TX) (GG-TX)  
 8833 3 var. EIP- ditto (JDM-WN) (HCB-WA) (GW-PA) (JPL-MS) (PRE)  
 13312 3 var. EIP- ditto (RNP-CT) (JCH-MD)  
 ITLY: 12978 C 0431 ICB- Genoa MARCO - V/QSX mkr (HLH-TX)  
 13015.3 C 2148 IAF3- Rome MARCO - V/DE mkr (JDM-MN)  
 17105 C var. IRM6- GIRM Rome MARCO - V mkr (JMK-WA) (JHW-NJ)  
 17243 C 1945 ICB- Genoa MARCO - EE/TT/FF/GG/VN (JRJ-MS)  
 22378 C 1855 IAR- Rome MARCO - V mkr (JHW-NJ)  
 22525 C 2055 IRM7- GIRM Rome - V mkr (RJC-WA)  
 NOR.: 12727.6 C 0352 LGJ- Rogaland MARCO - CQ mkr (JMK-WA)

NOR.: 12961.5 C 2144 IPI-Rogaland MARCO - MC mkr (JDW-MN)  
 22425 C 1901 LGG-Rogaland MARCO - CQ mkr (JHW-NJ)  
 PORT: 9910 U 0554 CSZ51-Lisbon Air-p/p for Santa Maria Air (MTC)  
 22479 C 1757 CUL24-Lisbon MARCO - CQ mkr (BLA-PA)  
 SPAN: 2770 C 0010 EBA-Madrid NAVRAD - EQCQ mkr (AM-UK)  
 4311.3 C 0345 EBA-Madrid NAVRAD - CQ mkr (HGJ-TX)  
 12887.5 C 0458 EAD44-Aranjuez MARCO - CQ mkr (HLH-TX)  
 22446 C 1906 RAD6-Aranjuez MARCO - CQ mkr (JHW-NJ)  
 22534 C 0820 EDZ7-Aranjuez MARCO - CQ mkr (BC-ITLY)  
 22443 C 1315 SAG9-Goteborg MARCO - CQ mkr (RMA-IA)  
 SWED: 22344.5 C var. HEB-Berne MARCO - CQ/QSX mkr (JHW-NJ) (RJC-MA)  
 TURK: 8445.5 C 2358 TOR-Tophane Kulseyi MARCO - CQ into t/c (AM-UK)  
 USSR: 8575 C 2007 URD-Leningrad MARCO - CQ mkr (PAC-UK)  
 8580 C 2003 URL-Sevastopol MARCO - call up to 4LA (PAG-UK)  
 10004 C 0550 RID-SPTS Irkutsk - RID ID (RSR-OMT)  
 14505a C 0057 RIW-Khiva NAVRAD - call up to RMQ (MDC-NY)  
 15004 C 1720 RID-SPTS Irkutsk - RID ID 12 times (PAT-CA)  
 18170 U 0955 RIF33-Moscow PTP - BE/FF/VM (AM-UK)  
 22406 C 1702 URD-Leningrad MARCO - CQ/QSW mkr (RMA-IA)  
 22450 C 1301 URL-Sevastopol MARCO - call up to 4LA (RMA-IA)

\*\*\*\* AFRICA/MIDDLE EAST \*\*\*\*  
 ALGER: 8826 3 0450 Algiers Aero wkg Aeroflot 4423 (JCH-MD)  
 CHAD: 20735 C 1625 WJMD-UNO - N'Djamena - wkg TJP76 Yarounde (AM-UK)  
 CONG: 13304 C 0200 Brazzaville Aero wkg Sabena 316, Zambila 938(JPL)  
 DJIB: 23590 C 0725 FUV-FF NAVRAD Djibouti City - V mkr (BG-ITLY)  
 EGPT: 11300 C 0018 Cairo Aero wkg Egypt Air 767 (MDC-NY)  
 11300 C 0042 Cairo Aero wkg Sudan 151 (JCH-MD)  
 11140a C 0028 KWK95-USEMB Cairo - DE mkr (MDC-NY)  
 ETHO: 11300 C 0114 Addis Aero wkg a/c 823 (MDC-NY)  
 GHAN: 8903 C 0420 Accra Aero wkg Naimye Aero (JCH-MD)  
 ISRL: 2800 C 1951 4XZ - Haifa NAVRAD - V mkr (PAC-UK)  
 6379 C 0345 4XZ - Haifa NAVRAD - V mkr (HGJ-TX)  
 8694.4 C 0338 4XO-Haifa MARCO - CQ mkr (JMK-MA)  
 IVRY: 6852 L 0417 Abidjan PTP - FF/EE/YL/VM (MTC-AZ)  
 KEN.: 11300 C 2128 Nairobi Aero wkg Pakistan 743 (JCH-OMT)  
 11300 C 0057 Nairobi Aero wkg Kharouto Aero (PKE-ONT)  
 LIBE: 11475 C 0050 KKN44-USEMB Monrovia - QRA mkr (BLA-PA)  
 U ---- VOA Monrovia Feeder - (HCB-VA)  
 LYBA: 11300 3 0112 Tripoli Aero wkg Air France a/c (MDC-NY)  
 11300 3 0040 Tripoli Aero wkg India 517 (PKE-ONT)  
 NIGR: 8903 C 2141 Kano Aero clg Lagos Aero (TAG-UK)  
 REUN: 12689 C 1503 FUX-FF NAVRAD - V mkr (HGJ-TX)  
 SAUD: 8990 U 0515 Jeddah LDOC wkg Saudi 973 (JCH-MD)  
 11199 U 0305 Jeddah LDOC wkg Saudi a/c (GR-IL)

CUBA: 15518a 2110 CLN-Havana - FOXs 67/??? (FSK-WI)  
 KYW78-USEMB Nicosia-FOXs 100/850r (EDK-MI) (HLH-TX)  
 CYPR: 12268 var. KMS78-USEMB Nicosia-FOXs 100/850r (EDK-MI) (HLH-TX)  
 13517 2145 MKD-RAF Akrotiri- 66/425r (RMA-FRAN)  
 14604.5 2028 MKD-RAF Akrotiri- 66/425r (RMA-FRAN)  
 ENG.: 10959 2328 GPE30B-Reuters London-EE/NX 66/425r (HLH-TX)  
 15717 0830 MKG-RAF London //15817 66/425r (RMA-FRAN)  
 20295.6 1545 MKG-RAF London. 66/425r (RMA-FRAN)  
 23012 1600 MKG-RAF London-FOXs 66/850r (RMA-IA)  
 EGPT: 10150 2018 SUC-Aairo Air- t/c 66/425r (BLA-PA)  
 14500.6 2045 SUC-Cairo Air- t/c 66/425r (RMA-FRAN)  
 14777 1900 SUC-Aairo Air- 66/425r (RMA-FRAN)  
 FRAN: 15978.5 1830 APP Paris-EE/NX 50/425n (CB-IL)  
 17575 1850 HXX23-Paris Metro- WX 66/425n (HLH-TX)  
 18671 1505 FPP97G/FTS667H3- AFP Paris- EE/NX 66/??? (EDK-MI)  
 FFGU: 17500 2250 RFLIG-FF NAVRAD Cayenne- t/c 66/850n (RMA-IA)  
 GDR.: 7980 0952 Y3K7-Potsdam Metro - CQs (TAG-UK)  
 9047.5 1900 Y25-DP Berlin- clg Shanghai 66/425r (RMA-FRAN)  
 13538 2236 Y7454-MF/ZID Berlin- RYs 66/425n (BLA-PA)  
 GREE: 22885 var. Y2V28-ADN Berlin-EE/NX 66/425n (FJO-OF) (RMA-IA)  
 Athens Metro 66/425r (RMA-FRAN)  
 HONG: 19263.1 0100 ZBN91-Cape D'Aguilar-t/c to NOKO 66/??? (BRF-FRAN)  
 4563 0030 HGB23-Budapest Metro //7604 66/425r (RMA-FRAN)  
 7604 0935 HGE36-Budapest Metro- RYs//4563 (TAG-UK)  
 14377.3 1415 MFA Budapest - 66/425r (RMA-FRAN)  
 17468 0624 HGO24-MTI Budapest- EE/NX 66/425n (FJO-OH)  
 IVRY: 5797 0000 TUH-Abidjan- RYs 66/425n (BLA-PA)  
 7820 1000 Tokyo Air- continuous WX/NCTAMS (ERP-FRAN)  
 JPAN: 8175.4 1230 JAE58-KYODO Tokyo- EE/NX 66/??? (ERP-FRAN)  
 14880 0300 JMG-Tokyo Metro- continuous WX (ERP-FRAN)  
 22728 2050 JMG6-Tokyo Metro- RYs/WX 66/425r (RMA-IA)  
 NOKO: 13512 2200 HML-KCNA Pyongyang- EE/NX (ERP-FRAN)  
 15633 0452 HMK41-KCNA Pyongyang- EE/NX 66/425n (HLH-TX)  
 ROK.: 14644 0015 HLL-Seoul - WX (ERP-FRAN)  
 KUWT: 48280 0641 9KT3511-KUNA Kuwait- YRS 66/425n (FJO-OH)  
 LIBE: 15781.5 1820 Firststone Harbel to Akron- 45/425n (CB-IL)  
 LYBA: 5462 1830 SANA Tripoli- FF/NX 66/425n (RMA-FRAN)  
 MART: 12894 1350 RFLIFT-FF NAVRAD clg REPLIC 100/850r (RMA-IA)  
 MEX.: 15782.5 0042 XDA184-ANSAMEX Mexico City- SS/NX 66/425r (RMA-IA)  
 MROC: 10482.3 1930 CNO-Casablanca Air- 66/425r (RMA-FRAN)  
 14847 0310 CNO-Casablanca Air- RYs 66/850r (HLH-TX)  
 NZEL: 19488 1950 ZLX31-Wellington Metro - WX 66/850n (BLA-PA)  
 PANA: 20350 1555 NBA-NOS Balboa- RYs 100/850r (BLA-PA)  
 POL.: 11496 0325 SUN278-PAP Warsaw- EE/NX 66/425n (BLA-PA)  
 17600 1621 SUR260-Warsaw- RYs 66/425r (RMA-IA)  
 20494.9 1605 PAP Warsaw - EE/NX 66/425r (RMA-FRAN)

6VT4/6VU73/79-Dakar- RYs (TAG-UK)  
 6VA321- Dakar Air- 5M 66/425n (RMA-IA)  
 ANSA Singapore- EE/NX 66/850n (RMA-FRAN)  
 ZROH- Pretoria - WX 100/425n (BLA-PA)  
 EBA- Madrid NAVRAD- 100/850r (RMA-FRAN)  
 RETJ- Madrid NAVRAD- RYs 100/850r (HLH-TX)  
 RETJ- Madrid NAVRAD-RYS 100/850r (RMA-FRAN) (BLA-PA)  
 SUNA Khartoum- FF/NX 66/425r (RMA-FRAN) (FJO-OH)  
 PZP- Zanderij Air- c/g ZYK 66/850n (RMA-IA)  
 3MA35- CNA Taipei- EE/NX 66/?? (ERP-ROK)  
 NMA- CG Miami Flg CGC Tamaraca 100/170r (RMA-IA)  
 NMA- CG Miami Flg CGC Tamaraca 100/170r (GB-IL)  
 NMA- CG Miami Flg CGC Tamaraca 100/170r (RMA-IA)  
 KEM80- FRA Wash DC test with KDM50 (GB-IL)  
 WFK54- USA New York- EE/NX 100/425n (BLA-PA)  
 WFN62- USA New York- EE/NX 100/425n (RMA-IA)  
 APN Moscow - EE/NX 100/425n (HLH-TX)  
 UFL- Odessa MAROO - 35C t/c (ERP-ROK)  
 UJY- Kalingrad MARCO- 35C t/c 66/170n (RMA-IA)  
 UJY- Kalingrad MARCO- 35C to UGWJ 66/170n (RMA-IA)  
 UJY- Kalingrad MARCO- 35C to BOJF 66/170n (RMA-IA)  
 YW1- Caracas NAVRAD- c/g OBC 100/850r (RMA-IA)  
 Y2J4- TANJUG Belgrade- SS/NX 66/425n (RMA-FRAN)  
 CPO- Ocean Sta Charlie- Stationaej - RYs to  
 GKL 66/170r (FJO-OH)

1241 WTEG- NOAA Mount Mitchell w/g NMA 100/170n (RMA-IA)

19734 1752  
 21795 2245  
 18048 1830  
 18242 1820  
 4279.3 0030  
 12932.4 0415  
 17095.2 2247  
 19463 var.  
 12208 1045  
 16233 0300  
 12574 1220  
 0250 12754  
 17351.5 0250  
 14638 2257  
 22782.5 2040  
 15660 0615  
 17175 0500  
 22403a 1652  
 22587a 1800  
 22574a 1430  
 22875a 2012  
 19865.1 1530  
 8357.2 0654  
 12574

\*\*\*\* VLF//LW//NW \*\*\*\*  
 USSR Nav a/d QTH? pulse every 3 seconds (DLW-OH)  
 NFM- NCS Luualuel HI - MSK t/c (DLW-OH)  
 USN Tacamo a/c CW & MSK & 67wpm RTTY xmsns (DLW-OH)  
 FPA83- San Andre de Corey FRAN- time slags (DLW-OH)  
 J- Ontario CAN beacon-Gereaux Island CW (BLA-PA)  
 FMD- Fort Meade MD beacon CW (BLA-PA)  
 ZBB- Bimini Island beacon CW (BLA-PA)

\*\*\*\* OUTER SPACE \*\*\*\*  
 Cosmos Satellite - telemetry signal (LVI-TX)  
 Cosmos Satellite - beacon signal (LVI-TX)  
 Unkn Satellite- continuous RS3 CW beacon (FJO-OH)

19952.9 0715  
 19989 1505  
 29220 0146

\*\*\*\* QZUS \*\*\*\*  
 AIRCRAFT: CG 1502 PFL in 8d for MS 5696 kHz (HDT-NV)  
 BRZL: EMBRATTEL SFTS(Santa Cruz) card 63d IRC 4244 kHz (WJF-FL)  
 DEN.: OXP- Skagen MARCO- PFC 44d for IRC 1701 kHz (PAC-UK)  
 SAUD: HZJ- Rastanua MARCO- card/ltr ?d IRC 8480 kHz (PAC-UK)  
 USA.: Scott AFB IL- PFC/Ltr in 26d MS 11182 kHz (HDT-NV)

SENE: 19734 1752  
 21795 2245  
 18048 1830  
 18242 1820  
 4279.3 0030  
 12932.4 0415  
 17095.2 2247  
 19463 var.  
 12208 1045  
 16233 0300  
 12574 1220  
 0250 12754  
 17351.5 0250  
 14638 2257  
 22782.5 2040  
 15660 0615  
 17175 0500  
 22403a 1652  
 22587a 1800  
 22574a 1430  
 22875a 2012  
 19865.1 1530  
 8357.2 0654  
 12574

SENE: 19734 1752  
 21795 2245  
 18048 1830  
 18242 1820  
 4279.3 0030  
 12932.4 0415  
 17095.2 2247  
 19463 var.  
 12208 1045  
 16233 0300  
 12574 1220  
 0250 12754  
 17351.5 0250  
 14638 2257  
 22782.5 2040  
 15660 0615  
 17175 0500  
 22403a 1652  
 22587a 1800  
 22574a 1430  
 22875a 2012  
 19865.1 1530  
 8357.2 0654  
 12574

Dakar Aero w/g Zambian 011 (RM-CA)  
 6MW- FF NAVRAD Dakar - V mkr (LVI-TX)  
 TELSENEGAL Dakar - FF/YL/W (RMA-IA)  
 6MW- FF NAVRAD Dakar - V mkr (JPL-MS)  
 ZRH- Cape NAVRAD Fisantekraal- DE mkr (PAC-UK)  
 Johannsburg Aero w/g Springbok 223 (JCH-MD)  
 ZUD- Olifantsfontein PTP- EE/AFK/YL/OM/W (GR-IL)  
 ZRH5- Cape NAVRAD Fisantekraal - DE mkr (JMK-WA)  
 VX19- CFARS Golan Heights - w/g CIW 67 (GR-IL)  
 VX19- CFARS Damascus P/p via CIW 802 (MDC-NY)  
 VX19- CFARS Golan Heights- P/p via CIW608 (FJO-OH)  
 Khartoum Aero w/g Luftbansa 535 (JCH-MD)  
 Khartoum Aero w/g T.M. 604 (MDC-NY)  
 Kinshasa Aero c/g Lusaka Aero (TAG-UK)  
 Kinshasa Aero w/g Brazzaville Aero (JPL-MS)

\*\*\*\* ASIA/FAR EAST \*\*\*\*  
 XSO- Paengshan MARCO - CQ/QSX/t/c list (AM-UK)  
 XSG- Shanghai MARCO - CQ mkr (TFS-CA)  
 NNWMS- USN MARS w/g NNWMM (AM-UK)  
 Hong Kong Aero - VOLMET (GHS-IL)  
 Hong Kong Aero - VOLMET (JDM-WN)  
 VTG6- Bombay NAVRAD - V mkr (PAC-UK)  
 AIF8- Yokota A WYS w/g Igri 76 (JMT-AZ)  
 Tokyo Aero w/g Continental 619 (HCB-WA)  
 Tokyo Aero - VOLMET (GHS-IL)  
 JJIY- SFTS Koganei- QRN from WWV/WWH (DDS-FL)  
 JOR- Nagasaki MARCO - CQ mkr (JDM-WN)  
 Tokyo Aero w/g Japan Air 404 (JCH-MD)  
 Tokyo Aero - VOLMET (JDM-WN) (CP-OC) (JPL) (JCH)  
 JPA- Matsudo MARCO - CQ mkr (TFS-CA)  
 HNM56- KONA Pyongyang - V/MC/QSX mkr (AM-UK)  
 ABM4USA- USA MARS Yongsan - w/g 1AB (AM-UK)  
 JOK- Naha MARCO - CQ/QSX mkr (AM-UK)  
 NFO- NCS San Miguel - CQ/MC mkr into WX (AM-UK)  
 DZE- Mandalayong MARCO - CQ/QSX mkr (AM-UK)  
 HSA3- Bangkok MARCO - CQ/MC mkr (AM-UK)

\*\*\*\* PACIFIC OCEAN \*\*\*\*  
 VNG- SFTS Lyndhurst (DDS-FL)  
 VNG- SFTS Lyndhurst (DDS-FL)  
 VNG- SFTS Lyndhurst (RM-CA) (RSR-ONT) (DDS-FL)  
 VIK- Canberra NAVRAD - CQ mkr into WX (TFS-CA)  
 JDN- Nandi Aero w/g Continental 2 (JCH-MD)  
 JDN- Nandi Aero w/g Pacific 440 (JCH-MD)  
 FUM- FF NAVRAD Papete - V mkr (AM-UK) (RBC-CA)

SENE: 8883 3 0600  
 8992 3 0407  
 1112a 1 0840  
 13410a 3 0400  
 8605 3 2105  
 9012 3 0523  
 11524 4 0415  
 12947.5 3 2339  
 13971 1 2200  
 13971 1 2248  
 14443.6 3 0540  
 11300 3 2126  
 11300 3 0122  
 8903 3 2130  
 13304 3 0217

PRC.: 16902 C 1215  
 22313 C 0546  
 16298.6 U 2340  
 8903 3 1310  
 13344 3 1245  
 8634 C 2013  
 6738 U 1035  
 8854 3 0850  
 8903 3 1310  
 10000 A 0825  
 13008 C 1409  
 13300 3 0456  
 13344 3 var.  
 25254 C 0529  
 15480 C 2325  
 20994 ROK.: 12667  
 10440 PHIL.: 12856  
 12800 THAI.: 12800

AUST.: 4500 A 1200  
 7500 A 0937  
 12000 A var.  
 22485 C 0545  
 8847 3 0528  
 13300 3 0459  
 12664.5 C var.

GUAM: 6506.4 U 1332 NRV- CG Guam wkg NOAA Albatross (JDM-WN)  
 6738 U 0812 A1E2- Andersen Aways r/c with a/c 8967 (HCB-WA)  
 11176 U 1425 A1E2- Andersen Aways-p/p for MAC 90102 (CP-CO)  
 13300 3 0500 Guam Aero wkg Continental 617 (JCH-MD)  
 HT.: 2500 A 0932 WVVH- SPTS Kauai (DDS-FL)  
 6506.4 U 1205 NMO- CG Honolulu - marine WX b/c (JDM-WN)  
 8291.1 U 0541 WLX- Honolulu wkg WFP 4482 Crusader (MTC-AZ)  
 8847 3 0536 Honolulu Aero wkg South Pacific 714 (JCH-MD)  
 8964 U 0645 AGA2- Hickam Aways wkg Donnor (CG-TX)  
 11179 U 0506 AGA2- Hickam Aways wkg a/c 713 (JCH-MD)  
 13113.2 U 1745 NMO- CG Honolulu - Marine WX b/c (FAV-CA)  
 13201 U 0513 AGA2- Hickam Aways wkg MAC 0157 (JCH-MD)  
 13344 3 0500 Honolulu Aero - VOLMET (JPL-MS)  
 15000 A 1130 WVVH- SPTS Kauai (DDS-FL)  
 16457.5 C 0658 NMO- CG Honolulu - Cq mkr into WX (AM-UK)  
 22650 U 2112 NMO- CG Honolulu wkg CCC Glacier (GFR-MS)  
 NCOL: 8698 C 0935 FUP8- Noumea MARCO - WX in FF (AM-UK)  
 NZEL: 8847 3 0526 Auckland Aero wkg Indian 193 (JCH-MD)  
 12942.4 C 0449 ZLP2- Iirirangi NAVRAD - DE mkr (HLH-TX)  
 13300 3 0440 Auckland Aero wkg Polynesian 628 (JCH-MD)  
 25330 C 0034 ZLB4- Awarua MARCO - Cq mkr (JMR-WA)

\*\*\*\* SHIPS \*\*\*\*  
 2670 U 0518 m/v CHANTEL wkg CGC VALIANT (GHS-IL)  
 2830 S 0336 DANS FLAM with emergency t/c to CG New Orleans (FJO-OH)  
 4069.2 U 0236 ZKRR- ANTILLES wkg WOM (CFR-MS)  
 4125 U 0450 HARRY B wkg unkn ship (HCB-WA)  
 4144 U 0515 WB 6195- LIBERTY SEAHORSE wkg WDJ Morgan City (WS-ONT)  
 4623 U 1330 KVA 6263 wkg KN-3 (oil rig) (EDK-MI)  
 5320 U 2248 NJPD- CGC CAPE FOX wkg CG Key West FL (CFR-MS)  
 6506.4 U 1220 W1DF- NOAA TOWNSEND CROMWELL wkg NMC (JDM-WN)  
 6506.4 U 1228 NODG- CGC BASSWOOD wkg NRV CG Guam (JDM-WN)  
 6506.4 U 1210 NRPJ- CGC LAUREL wkg NOJ CG Kodiak (JDM-WN)  
 6506.4 U 1235 NFTM- CGC POLAR STAR wkg NOJ CG Kodiak (JDM-WN)  
 6506.4 U 0257 NUSJ- CGC CAPE CARTER wkg NMC CG San Fran (FJO-OH)  
 6506.4 U 1220 WTES- NOAA SURVEYOR wkg NMC CG San Fran (JDM-WN)  
 6518.8 U 0505 NODR- CGC SAGHBURSH wkg NMA CG Miami (MTC-AZ)  
 6523.3 U 2145 9VZ582- BRAVO wkg WFE Houston TX (CFR-MS)  
 8198.1 U 0120 ATJL- ABUL KALM AZAD wkg WOM (CFR-MS)  
 8198.1 U 1850 KGSB- PURDUE VICTORY wkg WOM (CFR-MS)  
 8204.3 U 0138 GZKM- ZIM SHIP wkg KMI (CFR-MS)  
 8222.9 U 0139 FOSX- MERMORG wkg WOM (CFR-MS)  
 8241.5 U 0928 KLRH- NEVADA wkg NWC- CG New Orleans LA (LMT-AZ)  
 8281.8 U 1614 KIJA- DEL NORTE wkg WLO Mobile AL (CFR-MS)  
 8291 U 0512 NRNG- USS SHASTA wkg CG 1453 & MISS DEBBIE (MTC-AZ)

USA.: KKZQGH- Exp beacon, Silver Springs MD-card 10105 kHz (RFW-GA)  
 SHIP: KUS 643405 GULF FLBERT #46 PFC 14d MS 12432.3 kHz (HH-MD)  
 KADP- AQUADILLA - card 27d for MS 12435 kHz (HH-MD)  
 SKLI- DAVID P. REYNOLDS- Ltr 33d for MS 8241.5 kHz (HH-MD)  
 G0TD- COLUMBIA STAR- Ltr pic 48d IRC 16720 kHz (HH-MD)  
 KINH- GULF CREST- PFC in 120d for MS 500 kHz (HH-MD)  
 SWUN- SEA TIDE- PFC in 72d for IRC 22275 kHz (HH-MD)  
 WPRJ- PONCE- Ltr in 22d for MS 12435 kHz (HH-MD)  
 SFPH- ATLANTIC PREMIER- Ltr in 37d for IRC 16740 kHz (HH-MD)  
 5MPS- FIRST VENTURE- Ltr in 93d for IRC 16720 kHz (HH-MD)  
 KCQH- CAGUAS- Ltr in 21d for MS 12435.4 kHz (HH-MD)  
 OZOM- NOPAL OPTIMA- PFC in 10d for IRC 12429.2 kHz (HH-MD)  
 9V2733- NOPAL EXPLORER- PFC in 10d for IRC 12429.2 kHz (HH-MD)  
 OYEP- NOPAL MINERVA- PFC in 10d for IRC 12429.2 kHz (HH-MD)  
 LAFX- BOW QUEEN- PFC pic in 60d for IRC 22230 kHz (HH-MD)  
 D5PI- BRAZILIAN PRIDE- PFC pic in 118d for IRC 12350 kHz (HH-MD)  
 WNDJ- SEALAND ECONOMY- Ltr 27d MS 12429.2 kHz (HH-MD)  
 C6YL- NOPAL DANA- PFC in 10d for IRC 12429.2 kHz (HH-MD)  
 KSLB- SEALAND PACER- PFC in 27d for MS 12429.2 kHz (HH-MD)  
 KYRH- TRINITY- PFC in 19d for MS 12429.2 kHz (HH-MD)  
 ZGDS- RISA PAULA- PFC in 06d 12435.4 kHz (HH-MD)  
 5MGR- ATLANTIC EXPRESS- PFC in 06d 12432.3 kHz (HH-MD)  
 6ZIE- GOLDEN CANARY- PFC in 160d IRC 16724 kHz (HH-MD)  
 ZCQG- GASTANDEA- PFC in 05d 12435.4 kHz (HH-MD)  
 SXQB- LOUSSTOS- Ltr in 122d for MS 500kHz (HH-MD)  
 NNWYCXO- USNS HARKNESS (Oceanunit 5) PFC 32d MS 13627.5 kHz (BCW)  
 KC4JUSG- CGC GLACIER- HAM card 42d XRP 14275 kHz (LVC-GA)

\*\*\*\* CONTRIBUTORS \*\*\*\*  
 (RMA-FRAN) Roger Aked (JHD-PA) John Demmitt  
 (ELA-PA) Brian Alexander (RAD-WA) Rick Dugway  
 (RMA-TA) Rodney Alexander (PKE-ONT) Paul Egan  
 (FAB-MA) Paul Batutis (ERP-ROK) E.R. Flynn  
 (HOB-WA) Hobart Beal (TAG-UK) Tracey Gardner  
 (JAB-TX) James Boehm (LVC-GA) Larry Garrett  
 (CB-IL) Cliff Brown (CG-TX) Charles George  
 (RDC-WV) Robert Carson (JCH-MD) James Hartung  
 (RBC-CA) Roy Carlson (SH-QUE) Sheldon Harvey  
 (MTC-AZ) Mike Chabak (RMH-NY) Ruth Hesch  
 (WDC-NY) Mark Chinsky (NH-VA) Norman Hill  
 (BC-ITL) Bruce Chituck (HH-MD) Hank Holbrook  
 (RJC-WA) Robert Coleman (DAH-WA) David Houde  
 (FAC-UK) Peter Conway (HLH-TX) Howard Huddleston  
 (LC-OH) Larry Cunningham (HCJ-TX) Howard Johnson  
 (RVD-KS) Robert Davis (JRJ-MS) Jack Jones

8291.1 U 0350 OMTI- KIRSTEN BRAVO c/g WFE Houston TX (JPL-MS)  
 8722 U 0240 M/V HOOKER p/p via WOM (WS-ONT)  
 8765.4 U 1055 AAC- GLACIER c/g NMC CG San Francisco (IMT-AZ)  
 8765.4 U 1310 NODR- CGC SACEBRUSH w/g NMA CG Miami (JDM-WN)  
 10908 U 0321 UAHY- Soviet Naval vessel c/g RMFL (JAB-TX)  
 12345 S 0220 GFTT- QUEEN ELIZABETH 2 p/p via WOM (JPL-MS)  
 12345.5 U 2040 4KLY- ZIM LIVORNO w/g WOM (CFR-MS)  
 12345.5 U 1842 SIHJ- STOVE TRADER w/g WOM (CFR-MS)  
 12354.8 U 2021 5JBI- AMOCO YORKTOWN w/g WOM (CFR-MS)  
 12416.8 U 2258 OCEAN LANCER c/g KWI (HCB-WA)  
 12429.2 U 1317 FGS 388- SHRIMP BOAT CHARLIE w/g Cayman MARGO (JDM-WN)  
 12432 U 2010 WXL 6448 w/g WGB 431 (JRI-MS)  
 12436.9 U 1947 PELB- GROENLAND w/g KBC New Orleans LA (CFR-MS)  
 13152 U 1945 NBJ- CGC CAPE CARTER w/g NNN CG Portsmouth VA (LVH-TX)  
 14441 U 1800 NNN0CXE- USS NICHOLSON w/g NNN0PPE (MDC-NY)  
 14441 U 2202 NNN0CVL- USS SHREVEPORT w/g NNN0PFG (MDC-NY)  
 14441 U 0154 NNN0GNJ- USS CARON w/g NNN0N1K (MDC-NY)  
 14441 U 1743 NNN0GSW- USS SAIPAN w/g NNN0PPE (MDC-NY)  
 14441 U 1802 NNN0GUX- USS NASSAU w/g NNN0PPE (MDC-NY)  
 14467 U 1930 NNN0GXC- CGC NORTHWIND p/p via NNN0ZGS (LVH-TX)  
 14478 U 0138 NNN0GXC- USNS HARKNESS p/p via NNN0GMS (MTC-AZ)  
 14792 C 1230 RXXY- Soviet Naval ship- call up to RIW (MDC-NY)  
 14934a U 0230 NNN0GTP- NOAA DISCOVERER p/p via NNN0PQ4 (MDC-NY)  
 16491 U 0120 GBCF- PACIFIC PRINCESS (love boat) w/g WOM (CFR-MS)  
 16553 U 2042 LITV- NORWAY p/p via WOM (JRI-MS)  
 16553 U 2205 FAIRWINDS p/p via WOM (WS-ONT)  
 16588.5 U 1842 WTCO- ALASKAN w/g WLO Mobile AL (JRI-MS)  
 16587.1 U 2022 WNEJ- AMERICAN SUN w/g KUF 773 (JCH-MD)  
 16587.1 U 2122 SOUTHWIND w/g KHU (QTH ?) (JRI-MS)  
 16588.5 U 1906 KMLK- OGDEN CHALLENGER w/g KHT Cedar Rapids IA (CFR-MS)  
 17263 U 1820 GFTT- QUEEN ELIZABETH 2 p/p via WOM (LVH-TX)  
 17307.5 U 2240 WT5509- MERMAD c/g NMC CG San Francisco (CFR-MS)  
 20987 U 1735 NNN0GRL- USS CORONADO p/p via NNN0KTRQ (TAG-UK)  
 22012 U 1906 D5XG- WORLD TEXAS c/g Schevevingen MARCO (JRI-MS)  
 22015.5 U 1540 GXUX- BURMA ENDEAVOUR c/g Portishead MARCO (CFR-MS)  
 22100 U 1935 GSMU- HMS NORFOLK w/g Portishead MARCO (CFR-MS)  
 22125.4 U 1800 WNDN- OVERSEAS JUNEAU w/g KHT Cedar Rapids (CFR-MS)  
 22131.6 U 1845 WYN9800- BOLD ADVENTURESS w/g KUX (CFR-MS)  
 22134.7 U 0030 KAFG- SANTA MARIA w/g KAAH SANTA MADDALENA (CFR-MS)  
 22675 U 0815 HOKQ- TEXACO BRAZIL w/g PFL 39 St. Lys (BO-ITLY)  
 \*\*\*\*\* AIRCRAFT \*\*\*\*\*  
 5610 3 0523 SPEEDBIRD 201 w/g Santa Maria Aero (RAJ-OH)  
 5610 3 0404 ALITALIA 657 w/g Shannon Aero (JDM-WN)  
 5610 3 0410 UNITED 41 w/g Santa Maria Aero (JDM-WN)

(JMK-WA) John Kapinos  
 (?K-FRG) ? Kornek  
 (PSK-WI) Paul Kowalski  
 (KWK-VA) Kraig Krist  
 (EDK-MI) Eugene Krolak  
 (RAL-OH) Robert Leary  
 (ML-ME) Mike Leonard  
 (JPL-MS) James Levya  
 (CM-PA) Chris Michael  
 (DM-ALB) Don Moman  
 (AM-UK) Alex Moore  
 (RM-CA) Randy Moss  
 (RFW-GA) Ralf Munster  
 (JN-MN) Jon Nida  
 (FJO-OH) Fred Osterman  
 (WJP-FL) William Parks  
 (RNP-CT) Roger Peterson  
 (MP-NY) Morris Pfeiffer  
 (CP-CO) Charles Pringle  
 (RLR-MS) Robert Rankin  
 (CFR-MS) Chester Roman  
 (RSR-ONT) Robert Ross  
 (GR-IL) Gary Russell  
 (TFS-CA) Thomas Sable  
 (ES-MI) Brian Sarkisian  
 (DDS-FL) David Sharp  
 (CHS-IL) Greg Shepherd  
 (LJS-CO) Leonard Stock  
 (WS-ONT) Wilf Stone  
 (HPT-WV) Harold Tate  
 (LMT-AZ) Lyle Taylor  
 (JT-MI) James Tedfords  
 (PAT-CA) Peggy Thompson  
 (FAV-GA) Fred Valentine  
 (LVH-TX) Larry Van Horn  
 (JHW-NJ) John Walters  
 (JDM-WN) John Williams  
 (DLW-OH) David Wilson  
 (BCW-FL) Bernie Wimmers

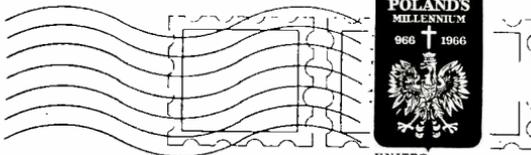
NOTE: 5824 kHz USB.. Don Moman reports that this freq is used by the Canadian Rocky Mountain area ski lodges & helicopter/ski teams that go out & check/trigger avalanches. Operates, 1500 thru 0200 GMT daily. Roll calls at 0100 GMT... Revelstoke, BC & Banff Office, ALB are the control stations. Helicopter ID is A.H.N. During the winter ski season, this net is quite active.

NOTE: FIFTY Bufts.... If you know the wpm/shifts please include them. Also ID type of traffic....

FALKLAND ISLANDS CRISIS: Since I've written this some 14/18 before you will read it, much could happen. The Cable & Wireless Ltd station at Port Stanley was quite active with R/T phone calls, after the Argentine takeover. (VFC24 on 24145 kHz USB)  
 Also occupied was South Georgia Island. The British Antarctic Survey station status is unknown. 9106 kHz USB was a much used freq, with stations ZHF88 Port Stanley & ZRH Grytviken, South Georgia being heard.... Depending on the outcome of the crisis, the islands name will either be, Falkland or Malvinas Islands.

That's about it for this month. 73s one & all.....





**EDITOR:**  
JOHN KAPINOS  
86 S. QUINSIGAMOND AVE.  
SHREWSBURY, MA 01546

Deadline: 12th of the month

## QSL REPORTS

Hello again and welcome to the May edition of the QSL Column. As usual, some great material. Thanks to the 71 contributors who helped make this column a pretty easy one to do.

### EUROPE

- ALBANIA: Radio Tirana, 7120, f/d Revolutionary Spirit card in 107 days (Davidson-TX); 11985, same card in 4 months (Tait-AUST).
- AUSTRIA: ORF, 5945, f/d Phatasmagorical Landscape card in 61 days, IRC (Sharp-FL); 15260, same card in 28 days along with sked (Miller-CA)
- BULGARIA: Radio Sofia, 7115, f/d Zlanti Pyassatsi card in 87 days along with sked (Manning-TX), cd in 27 days (Forresver-SC); 9700, same in 52 days (Harrell-IL), same cd in 59 days (D.Johnson-ID); 17825, Sofia Platz card in 76 days, IRC (Ward-QUE).
- BELGIUM: BRT, 9870, f/d Adoration of the Magi card in 33 days (Byron-NY); 21810, f/d form letter in 19 days (Robinson-AUST); 26050, same letter in 60 days (Ross-ONT).
- CZECHOSLOVAKIA: Radio Prague, 7345, f/d full color Ski Resort card in 90 days (Stone-ONT). For the longest time their view cards were black & white, full color seems a nice relief (kap).
- FINLAND: Radio Finland, 15400, n/d Summer in Finland cd in 33 days (Miller-CA); 21475, n/d Textile Industry cd in 39 days (Pfeffer-NY). Yes, I agree with you, Morris, they could get a bit more international listener response if they went back to f/d cards (kap).
- FRANCE: Radio France Internationale, 17860, f/d 50th anniversary cd, pennant, sticker and notebook in 21 days, 3 IRC (Christopher-NJ); 17720, same card and book "The French and the Nation" in 89 days for IRC (Latko-OH). With RFI's plans for a relay in French Guiana, there is a strong possibility of a EE North American Service (kap).
- GERMANY, WEST: Suddeutscher Rundfunk, 6030, f/d Transmitter/studio cd in 120 days, IRC (G. Raymond-MA); Bayerischer Rundfunk, 6085, p/d cd in 5 weeks (Howard-CA); Duestche Welle, 6185, usual no data logo card in 51 days (Surprenant-MA); Radio Free Europe, 11825, frequency only target area map card in 21 days via New York address (Christopher-NJ); 25690, same card in 20 days, IRC (Ward-QUE).
- GERMANY, EAST: Radio Berlin International, 21465, f/d City card along with pennant in 38 days (Leite-MA); f/d Van Goethe card in 71 days along with RBI journal in 71 days (Dunham-LA).
- GREECE: VOA Kavala Relay, 7275, f/d Golden Gate Bridge cd in 12 days (Smith-FL); ERT, the Voice of Greece, 11730, f/d Santorini Island card in 49 days (Pfeffer-NY); f/d Lake Fira cd in 54 days for tape and IRC (Dunham-LA); 15345, f/d Platamonas cd in 57 days (Tait-AUST); Radiophonikos Stathmos Makedonias, 9858, f/d plain white card in 131 days for IRC, address (not in WRTVH) is Venizelou 4, Thessaloniki, Greece (Parks-FL). Bill, congratulations on this one, very rarely reported, also thanks for the address (kap)

HOLLAND: Radio Netherlands, Lopik transmitter, 17605, f/d Country Inn card in 76 days (Tanigawa-HI). Now a quick geography lesson, Lopik is the only RN site in Holland, Bonaire is in the Caribbean and Madagascar is off the coast of Africa. RN is very good at putting sites on cards, so please refer to them (kap).

HUNGARY: Radio Budapest, 11910, f/d space card in 120 days (Kobylski-MD); 17710, f/d card in 60 days (Pilorelli); f/d logo card in 24 days along with sked (Levya-MS). Several individuals also received the 1982 RBI DX Club souvenir "QSL" card. This is not really a true verification, as it does not verify a particular report.

ICELAND: Iceland State Broadcasting Service, 13797, f/d "Thingvellir" cards in 69 days (Flanagan-MA), 50 days, 2 IRC (G. Raymond-MA), 54 days, IRC (Ward-PQ), 68 days, IRC (Hardester-CA), 48 days, IRC (Johnson-ID), 99 days (Jones-VA), 23 days, 2 IRC (Kapinos-MA). Quite a group here. They will accept EE reports, give as much detail as possible (kap).

IRELAND: Westside Radio, 6280, f/d map cd in 86 days, 2 IRC (Fisher-MA).

MALTA: Xandir Malta, 9670, f/d form letter in 105 days along with booklet on Malta (Davidson-TX), same in 105 days, 2 IRC (Huffaker-MEX).

MONACO: Trans World Radio - Monte Carlo, 9495, f/d view card in 55 days (Garrett-CA), same in 72 days (Kobylski-MD), same in 16 days, 3 IRC (Christopher-NJ).

NORWAY: Radio Norway, 11870, f/d scene cd in 32 days (Tanigawa-HI).

POLAND: Radio Polonia, 9525, f/d Praga District cd in 5½ months (Jones-VA), same in 186 days (Miller-CA); 15120, same in 184 days (Latko-OH). The situation there seems to have stabilized and Radio Polonia is once again operating their North American Service and answering reports. At least things did not work out as did Hungary in 1956 and Prague in 1968...there are somethings to be thankful for (kap).

PORTUGAL: Radio Portugal, 9575, f/d "Wall Telephone circa 1882" card in 36 days (Sable-CA); 11925, same in 42 days (Levya-MS); 17880, same in 32 days, IRC (Johnson-ID); Radio Free Europe, 11815, frequency only map card which transmitter site indicated in 17 days (Tate-WV).

ROMANIA: Radio Bucharest, 15340, f/d Galati Harbor cd in 76 days (Tanigawa)

SPAIN: Spanish Foreign Radio, 9630 and 11880, f/d cards in 30 days (Miller-CA), in 31 days (Brown-NE), in 45 days (Delk-PA), in 38 days (Speer-CA), in 26 days (Christopher-NJ).

SWEDEN: Radio Sweden, 11705, f/d "DIY" card in 21 days (Miller-CA).

SWITZERLAND: Swiss Radio International, 9725, f/d SRI HQ Building cd in 22 days along with Ski Tourist Brochure (Garret-CA); 21570, f/d Swiss Mountain Village cd and report cards in 20 days (Delk-PA).

VATICAN: Vatican Radio, 6015, f/d 50th anniversary card in 23 days, 3 IRC (Christopher-NJ), 11810, same in 15 days, IRC (Jamieson-CA); 9605 and 11845, same in 18 days (Levya-MS).

#### AFRICA

ANGOLA: Voice of Namibia via RNA, 9535, letter in 2 months, ms (Witte-CA); 11955, same in 34 days (Hardester/Sheedy-CA). Nice go folks.

CANARY ISLANDS: Radio Exterior Espana via Tenerife, 15365, f/d card in 29 days via Madrid (Kanopka-NY).

GABON: Africa # 1, 4811, frequency only letter in 55 days for FF report and IRC (Tate-WV). Perhaps someday they will get QSL cards.

GHANA: GBC, 4915, f/d seal card in 60 days, IRC (Sharp-FL).

MADAGASCAR: Radio Netherlands Relay, 15220, f/d Museum Painting cd in 29 days (Leite-MA); same in 67 days (Manning-TX); Radiodiffusion TV Malagasy, 3288, f/d broadcasting house cd in 178 days, FF report and 2 IRC (Lecuona-ARG)

NIGERIA: Borno Radio Corporation, 6100, frequency only letter in 70 days IRC (Delk-PA); Voice of Nigeria, 11770 and 15120, f/d cards in 23 weeks (Wilkins-CO), in 328 days (Robinson-AUST), in 105 days (Collins-OR), in 395 days (Singel-IN). Very slow going here, folks (kap)

SEYCHELLES: FEBA, 11815, usual no data thank you card in 47 days, 2 IRC (Tate-WV); 15200, same in 26 days, ms (Kanopka-NY), same in 37 days (Levya-MS). As previously indicated, they reserve f/d cards for listeners in their target areas (kap).

SOUTH AFRICA: Radio RSA, 11900, f/d Flowers card in 40 days (Robinson-AUST); 15325, same in 27 days (Levya-MS).

SWAZILAND: Trans World Radio - Manzini, 3200, f/d studio cd in 41 days, IRC (Sharp-FL); 3240, same in 84 days, IRC (Leite-MA); 4760, same in 36 days, IRC (M.Johnson-ID); 11740, same in 81 days, 2 IRC (Robinson-AUST), in 5 weeks, 2 IRC (O'Riordan-ID).

UGANDA: Radio Uganda, 15325, f/d building card in 46!!! days for 2 IRC (Manning-TX). Absolutely the quickest reply in recent memory (kap).

ZAMBIA: Zambia Broadcasting Services, 4911, f/d plain white "On Government Service" card in 50 days for 3 IRC.(Hardester-CA). Nice go, Mike.

#### ASIA

AZAD KASHMIR: Azad Kashmir Radio, 6275, f/d personal letter in 4 weeks for 2 IRC (Lazarus-LA). V/S M. Sajjad Ali Siddiqui.

BURMA: Burma Broadcasting Service, 5040, f/d plain vanilla card in 7 monts, 2 IRC (Tait-AUST).

CHINA: Radio Peking, 9860, f/d cd in 16 days (Miller-CA); 15120, same in 33 days along with note, 2 pennants and other goodies (Christopher-NJ); 15520, f/d cd in 19 days (Harrell-IL); Sichuan PBS, f/d cd in 32 days via Peking (Leite-MA); Fujian Front #2, 5770, f/d cd in 40 days, no rp (G. Raymond-MA).

INDIA: AIR-Madras, 9525, f/d card via New Dehli in 7 weeks for EE report and mint stamps (Howard-CA). V/S B. R. Chalapttukao.

INDONESIA: RRI Malang, 3381, II letter in 3 weeks after f/u for II report and ms, v/s Joost Usmany (Sparks-CA); RRI Singaraja, 3398, II letter and prepared card in 3 weeks after f/u for II report and ms, v/s Oedroso Bastain (Sparks); RRI Madiun, 3286, II letter, color photo of v/s and family and view card, ham QSL of v/s (YC3MU), for II report and ms, v/s Eko Budi Sutoyo (Sparks-CA); RPDT2 - Ngada, 2904, II letter in 3 weeks confirming reception on 3 different dates, II report and ms v/s Daoded El Bara (Sparks-CA); RRI Fak-Fak, 4790, frequency only aerogramme in 13 weeks (Wilkins-CO); RRI Ternate, 3345, freq only form letter 9 weeks after f/u for II report (Wilkins); RRI Jayapura, 9610, f/d white card in 7 weeks for II report, ms, v/s Muhammad Ely (Tait). Quite a haul this time around, nice go chaps (kap).

JAPAN: NHK, Radio Japan, 9505, 15300, 15325, 17755, 17810, 21640, f/d cards in 29 days (D. Johnson-ID), in 38 days (Demmitt-PA), in 20 days (Delk-PA), in 2 weeks (Wilkins-CO), in 34 days (Smith-FL), in 62 days (Tangiawa-HI); NSB, 3925, f/d Schoolgirl cd in 15 days, no rp (Tanigawa), Far East Network, 3910, p/d logo card, 112 days (D. Johnson-ID), same in 45 days (Taylor-AZ); 6155, same in 121 days, (Speer-CA). Use the APO. San Francisco, CA 96328 address (kap).

KAMPUCHEA: Voice of the People of Kampuchea, 11938, time/freq letter card in 135 days, 2 IRC, report sent to Hanöi (Robinson-AUST).

KOREA, SOUTH: KBS, Radio Korea, 6348/50, 9570, 9720, 15575, f/d cards in 39 days (P.Thompson-CA, welcome to the column, Peggy); 5 weeks after follow up (Wilkins-CO); 5 weeks (Lobdell-MA); 49 days (Miller-CA); 25 days (Kasprzyk-TX); ?!!! days (Sharp-FL)

KOREA, NORTH Radio Pyongyang, 9977, f/d actors card along with cloth pennant and books in 60 days (Tanigawa-HI).

MONGOLIA: Radio Ulan Bator, 6383 and 12070, f/d Man on Horseback cards in 4 months (Sherwood-MA), in 4½ months (Tait-AUST), in 70 days (M. Johnson-ID), in 120 days (B. Raymond-MA), in 121 days (Leite-MA), in 117 days (Hesch-NY). Score is 3 Massachusetts, 3 others (kap).

PAKISTAN: Radio Pakistan, 15500, time/freq card in 144 days (Tate-WV), 21595, reject lettrs received by both Lobdell and Tanigawa. Obviously a case of their not knowing their own sked. (Continued next page)

PAKISTAN (continued): Radio Pakistan - Quetta, 4710, personal partial data letter in 1 month for EE report and ms. v/s is M. H. Qureshi and the address is Broadcasting House, Ghalib Road, Quetta (Howard-CA). Also from Ron Howard are the following stellar gems: Radio Pakistan-Islamabad, 5095, personal p/d letter in 3 weeks for EE report and ms, v/s Yar Mohammad Khan, Radio Pakistan - Rawalpindi, 5009, p/d card confirming frequency, time and site in 5 weeks, direct from Rawalpindi, v/s Malik Ali Chaudhary. Congrats are in order here, Ron (kap)

PHILIPPINES: Radio Vertias Asia, 11820, card in 24 days for monitor report (Miller-CA). Here's this month's contest: There are 4 major broadcasters in the Philippines; RVA, FEBC, VOA and R. Pilipinas. First one in with copies of 3 of the 4 QSLs dated after 1 January 1982 gets a nice RVA pennant. Our thanks to Bill Miller of Sacramento for contributing a spare pennant. (kap).

SARAWAK: RTMSK-Kuching, 4835, f/d broadcasting house card in 1 month, IRC (Witte-CA); 7160, same in 41 days, 2 IRC (Garrett-CA).

SRI LANKA: SLBS, 9720, f/d Montage card in 25 days, 2 IRC (Robinson-AUST); 15425, same in 21 days (Delk-PA); VOA Colombo, 9645, f/d anniversary card in 12 days (Tanigawa-HI).

TAIWAN: Voice of Asia - Kaosiung, 5980, f/d photo card in 2 months for 2 IRC. Also received nie cloth pennant (Lobdell-MA); Voice of Free China, 15345, f/d card in 21 days (D. Johnson-ID), same in 90 days (Tanigawa-HI); 17800, same in 45 days (Byron-NY). Also received were cassettes, pins, notebooks, pennants and the like.

TIBET: Zizang PBS, 5935, f/d card in 225 days total after f/u (Tanigawa); same in 1 month along with 2 pennants (O'Riordan-ID).

TURKEY: Voice of Turkey, 9560, f/d card in 28 days (Delk-PA); 9615, same in 69 days, IRC (Leite-MA); same in 87 days (Pfeffer-NY); 15125, same in 34 days (Delk). Everybody also got a pennant and other nice things; Turkish State Meteorological Service, 6900, date/freq form letter and interesting tourist brochure in 2 months, 2 IRC (Lazarus-LA, Kapinos).

#### MIDDLE EAST

AFGHANISTAN: Radio Afghanistan, 15077, f/d Camel Caravan card in 62 days for 2 IRC. (Sharp-FL). This is one station that insists on at least 2 IRC, otherwise all you get is an aerogramme refusal (kap).

IRAN: VOIRI, 9022, f/d grotesque "War" card in 120 days (Kanopka-NY). According to Leon, this is a new low in propaganda. (kap).

ISRAEL: Kol Israel, 15585, f/d Old City cd in 29 days, 2 IRC (Garrett-CA).

KUWAIT: Radio Kuwait, 11675, f/d folder cd in 38 days (Pfeffer-NY).

LEBANON: Voice of Lebanon, 6550, f/d letter, v/s Joseph El Hatcham, in 49 days, IRC (Jones-VA); "King of Hope", 6215, f/d Antenna and Logo card in 11 days via Van Nuys address for ms (Parks-FL). It looks like reports sent to Van Nuys get a f/d card, ones sent to the Israel studio get letters. Take your pick (kap).

SAUDI ARABIA: BSKSA, p/d form letter in 56 days (Hardester-CA). Gee, and they used to send a rather neat folder card (kap).

UNITED ARAB EMIRATES: Radio TV Dubai, 11755, f/d cd, 1 month (Howard-CA)

YEMEN ARAB REPUBLIC: Radio Sana'a, 4853, date and freq form letter in 29 days, 3 IRC (Robinson-AUST).

#### ANTARCTICA

LRA36, Radio Nacional Arcangel San Gabriel, 15476, f/d Station Crest card in 2 months, for SS report and 2 IRC. (Kobylski-MD). To those who have verified this station or AFAN, remember that SPEEDX has a nice award for this accomplishment. Details from Jack Jones, our super Awards Chairperson. (kap). With the situation in Southern South America now in the news, wonder if the Argentines are considering a Radio Malvinas operation. Wouldn't it be nice, say about 50 kw beamed due North (kap).

## OCEANIA

AUSTRALIA: Radio Australia-Lyndhurst, 5995, f/d Penguins cd in 16 weeks (Wilkins-CO); RA-Shepparton, 9590, same card in 15 days (Levy-MS); RA-Shepperton, 17790, f/d Possum card in 22 days (Miller-CA); 17795, f/d Platypus card in 121 days (Moss-CA). Now what in the world is R.A. up to? Looks like they just might be QSLing reports any old time of the year again (kap). And now, the regionals: VLM4-Brisbane, 4920, f/d ABC map card in 19 days, 2 IRC (Speer-CA); VW9-Perth/Wanneroo, 9610, f/d map cards in 19 days, ms (Kasprzyk-TX), same in 28 days, IRC (Lecuona-ARGENTINA).

COOK ISLANDS: ZK4, Radio Cook Islands, 11760, f/d Man with Conch shell card in 44 days, 2 IRC (Garrett-CA).

NEW CALEDONIA: France Region 3, Noumea, 7170, f/d logo letter in 482" days, EE & FF report (Demmitt-PA); 11710, p/d same letter in 360 days 2 IRC, FF report (Kanopka-NY). How many of you remember the old McHale's Navy series on TV (not to be confused with McHale's Army of the current Boston Celtics)? Well, New Caledonia was the rest and recuperation center on this program. For a genuine SPEEDX bumper sticker, name two fine actors who appeared in this program (kap).

NEW ZEALAND: Radio New Zeland, 17705, f/d card in 17 days (Zollan-CA), same in 20 days along with pennant, 4 IRC sent (Delk-PA); same in 18 days along with pennant (Levy-MS). No funny stories here, there is a very good possibility that RNZ will shut down their SW facility in the very near future. To help save it, write to the New Zealand ambassadors at both the United Nations and in Washington. Your local Public Library will give you the correct names and addresses. (kap).

PAPUA, NEW GUINEA: Radio Eask Sepik, 3335, f/d card via Boroko, 3 weeks after follow up, ms (Howard-CA); NBC-Port Moresby, 4890, f/d card in 17 days on third attempt (Lord-CA).

TAHITI (Society Islands): Radio Tahiti, 11825, f/d card in 71 days (Flanagan-MA); 15170, same in 439 days, 61 days after follow up, IRC (Sharp-FL).

VANUATU: Radio Vanuatu, 7260, f/d Head of Slit Gong card in 90 days for 2 IRC (Harvey-PQ).

## USSR

### Radio Moscow Sites:

Blagoveshensk, 9.58, 68 days (Speer-CA)

Chita, 21740, 2 months (O'Riordan-ID)

Khabarovsk, 12.05, 68 days (Speer)

Moscow, 9610, 52 days (Delk-PA)

Nikolagevsk on Amur, 9.73, 68 days (Speer)

Petrpavbulavsk Kamatsky, 15.45, 17.72, 21.53, 68 days (Speer).

Remember, sites are placed on QSLs only on request, so request (kap)

Radio Kiev, various freq., cards in 80 days (Huffaker-MEX), 17870, f/d card and other material in 92 days (D. Johnson-ID).

Radio Peace and Progress., 11845, f/d Logo card in 13 weeks (Wilkins-CO)

Radio Tashkent: 11785, f/d map & logo cards in 90 days (Huffaker)

Radio Vilnius., 17870, f/d folder card in 37 days (Pfeffer-NY), same in 153 days along with sekd (Latko-OH).

Radio Moscow Home Service via Petrozavodsk, Karelian Autonomous Soviet Socialist Republic (formerly Karelo-Finnish SSR), 4780, QSL letter signed by Mrs. Eugenia Stepanova of the North American Service, this for a taped report and a VERY polite request (Hardester-CA). Mike, a sincere well done on this one, a QSL you should be most proud of (kap).

Best source for info on USSR sites is Roger Legge's UHN Newsletter. Owing to recent postal increases, the cost is now \$3.00 in the U.S. and \$4.00 throughout the world for 8 issues. Still one of the best buys around.... Roger can be reached at Box 232, McLean, VA 22101 (kap).

## SOUTH AMERICA

- ARGENTINA: RAE, 11710, logo cards in 30 days (Evans-TN), in 34 days for ms (Kasprzyk-TX), in 60 days, 3 IRC (Stone-ONT), in 33 days along with an IRC, no, not sent with the report, RAE sent me one (Brown-NE),
- BOLIVIA: Radio Illimani, 6025, f/d form letter in 3 months for SS report and 2 IRC (O'Riordan-ID); Radio Panamerica, 6105, f/d Map card in 3 months for SS report and 2 IRC (O'Riordan). Nice go Hugh (kap).
- BRAZIL: Radio Bras, 15290, f/d card in 67 days (Leite-MA); 17830, View of City card in 98 days, 2 IRC (Reinecker-PA).
- ECUADOR: Radio Jesus Del Gran Poder, 5050, n/d personal letter in ?? for SS report and IRC (Ross-ONT); Radio Cultural Antena Libre, 3240, SS letter and hand written EE note in 33 days for SS report and ms. V/S Luis E. Velasco Leon, Erente (Howard-CA). HCJB, The Voice of the Andes 9745, 6130, 11925, 15155, f/d cards in 30 days (Levya-MS); 6 and 3 $\frac{1}{2}$  months (Tait-AUST), 60 days (Kobylski-MD); 26020, Special 100 watt transmitter and antenna cards in 60 days (Ross-ONT), in 100 days, SS report (Lecuona-ARGENTINA).
- FRENCH GUIANA: France Region 3 - Cayenne, 5055, f/d map card and decal in 6 weeks for tri-lingual form and FF letter, 2 IRC (O'Riordan-ID)
- PERU: Radio Atlantida, 4790, date/freq letter in 52 days after follow up for SS report and ms (Hardester-CA); F/D letter in SS for SS report and IRC in 4 months (Sherwood-MA); Radio America, 9510, no data Thank You letter confirming reception in 40 days for SS report and 2 IRC (Robinson-AUST); Radio Rioja, 5045, SS letter and multi-colored fringed pennant in 7 weeks for SS report and ms, v/s Teofilo Juan Mri Mendoza (Sparks-CA); Radio Satellite, 6725, date/freq letter in 151 days, ms and SS report, v/s Sabino Llamas Chavez, address is Jiron Cutervo No. 576, Santa Cruz, DPTO Cajamarca (Parks-FL). One very nice turnout this time around (kap)
- VENEZUELA: Radio Yaracuy, 4940, date only carbon copy letter in 4 months for SS report and 2 IRC (O'Riordan); Radio Rumbos, 4970, p/d card in 68 days, SS report and 2 IRC (Speer-CA); Ecos del Torbes, p/d map card in 30 days, SS report, IRC (Parks-FL).

## NORTH AMERICA

- BELIZE: Radio Belize, 3285, f/d card in 33 days (Davidson-TX), same in 1 month, 2 IRC (O'Riordan-ID); same in 26 days (Kanopka-NY); same in 55 days (Delk-PA). Oh yes, the card is a "Map" type (kap).....
- BONAIRE: Trans World Radio, 9755, f/d antenna assembly card in 50 days, IRC (Sharp-CA); 11755, same cd in 45 days (Zolla); Radio Netherlands relay, 9590, f/d card in 29 days (Zolla-CA); 9715, same in 69 days, (Leonard-ME)
- CANADA: CFCX-Montreal, 6005, p/d Montreal skyline card in 67 days (Speer); CFRX-Toronto, 6070, p/d CFRB Boat cards in 15 days (Hill-VA); same in 14 days for ms (Parks-FL). Some folks asked if ye kap is going to attend this year's ANARC convention in Montreal. Sure am, hope to see you there. Full details from Ian McFarland at RCI (kap).
- COSTA RICA: Radio Nacional, 6035, no data personal letter along with brochure and sticker in 4 months, SS report, ms (Lazarus-LA); Radio Casino, 5954, p/d card and pennant in 15 weeks for SS report and IRC (Wilkins-CO); same in 52 days, SS report and 2 IRC (G. Raymond-MA).
- CUBA: Radio Havana, 11760, 11930, f/d cards in 140 days, SS report and 2 IRC (Clayton-MI); in 124 days (Speer-CA); in 127 days (Pfeffer-NY); Radio Moscow Relay, 9600, f/d card in 68 days (Speer-CA).
- GUATEMALA: R. Tezulutlan, 4835, f/d Mayan cd in 3 wks, SS report (Wilkins)
- HAITI: Radio 4VEH, 11835, p/d cd in 187 days, 2 IRC (Manning-TX).
- HONDURAS: HRVC, 4820, f/d cards in 36 days (Smith-FL), 34 days, IRC (Latko-OH), date only cd in 2 weeks (Wilkins-CO); HRVK, La Voz de la Mosquitia, 4910, f/d card and paper pennant in 5 weeks (Sparks-CA).

MEXICO: Radio Universidad, XEXQ, 6045, Program Guide only, no QSL as yet (Howard-CA); Radio Mexico, XERMX, 15430, f/d plain white card with Mexican stamp affixed in 35 days for EE report (Tanigawa-HI). And would the clown who reported XEROX-Radio Duplicado cut it out (kap).

NICARAGUA: La Voz de Nicaragua, 5950, n/d letter along with pennant in 157 days, SS report, IRC (M. Johnson-ID)

UNITED STATES OF AMERICA: VOA-Greenville, 9670, f/d 40th anniversary cd in 14 days (Dunham-LA); 6130, same in 27 days (Christopher-NJ); via Bethany, OH, 17730, same cd in 53 days (Surprenant-MA); UN Radio via Delano, CA, 9350 (feeder), f/d UN card in 108 days via Sydney UN office (Robinson-AUST); WINB-Red Lion, PA, 15145, f/d card along with sked in 21 days (Philip-BC); and, Voice of Free China via WYFR, Okeechobee, FL, 5985, 11740, 11855, f/d cards, and a multitude of gifts and souvenirs in 22 days (Harrell-IL), in 24 days (Annis-IN), in 30 days (Stone-ONT), in 25 days (Blake-IN).

Some folks (obviously gluttons for punishment) ask if there's going to be a KAP OPEN this year. Sure is, Sunday 20 June is the magic date. More details next month. Seriously, it looks like these gatherings are really looked forward to by a lot of people, Mrs. kap and kap included. Let's make this one the best yet, and to beat last year it'll take some doing.

Nice informative piece of literature has come around, the International Listening Guide. This lists all EE transmissions, not only beamed to N.A. but throughout the world. Includes some nice info on some exotic DW and BBC sites as well as a multitude of other valuable information. The next edition will be out on 26 May. Cost is \$1.45 U.S. for one issue, \$4.90 U.S. for 4 issues (May, Sept., Nov and March). Available from the U.S. representative (and fellow SPEEDXer) Rob Harrington, P.O. Box 3434, Littleton, CO 80161. A most worthwhile addition to the SW scene.

Some folks have written to me asking about "Voices", the International SW magazine. I know nothing, besides that it is (was) produced by Patrick Humphries, ex of Radio Finland. On the other hand, Glenn Hauser has been putting out his RIB (Review of International Broadcasters) for quite a while now. It is good information. \$1.50 U.S. will get you a sample copy, write to Glenn at Box 6287, Knoxville, TN 37914. Tell gh that kap sent you.

Sad news has reached this desk. NNRC (The Newark News Radio Club) has put out their last issue. To all ex-NNRCers joining SPEEDX, welcome.

One other note, there has been a rumor circulating for the past several months that KAP is going to give up this column,..... Take it from the horse's mouth, there is no truth to this. I intend to keep this column as long as the SPEEDX B.O.D. and you, the readers, will have me.

Bob Wirrell, 85 Stillman Ave., Brockton, MA 02402 would like to hear from anyone having any experience with the Lafayette BCR-101. He will answer all letters.

And now, Lowenbrau's the One.

Best, Kap 4/13/82

### RADIODIFFUSION TELEVISION MALAGASY

CARTE O. S. L. CARD.

CHAINE en langue malgache et française

1394 Khz - 215 m - 1 Kw	1502 Khz - 199 m 73 - 1 Kw
X 3288 Khz - 90 m - 100 Kw	7155 Khz - 41 m - 5 Kw
6135 Khz - 49 m - 30 Kw	5010 Khz - 60 m - 30 Kw
9690 Khz - 31 m - 10 Kw	2495 Khz - 120 m - 10 Kw

Mr Alberto R. Lecuona - Rue C. Croce 1567 - Banfield

Argentins  
Avec nos remerciements pour votre rapport d'écoute du 20-09-81

Many thanks for your reception report

03.00 9MT

B. P. 1202 ANTANANARIVO - REPUBLIQUE DEMOCRATIQUE DE MADAGASCAR

Telephone: BROCAST.  
1982



MR (50) 982-567  
Dated 14th March 1982

PAKISTAN BROADCASTING CORPORATION,  
PESHAWAR.

# Pakistan Broadcasting Corporation



BROADCASTING HOUSE,  
QUETTA, P.O. Box 1052.

RM No. BIC(51)/82-567

Dear Mr. Ronald Howard,

I hope my this letter will find you happy and healthy. I

received your kind letter of reception dated February 27, 1982. You are very kind as all our American friends are. I am very much thankful to you for sending me a very beautiful savanitors and two beautiful cards, of your beautiful city Santa Barbara. I shall always be very much pleased to reply you whenever you wish me.

Your reception report for both the frequencies is correct and confirmed as under:-

- 1- Frequency 4710 KHz  
time 1345 to 1416 (GMT)
- 11- Frequency 5095 KHz  
time 1322 to 1402 (GMT)

Mr. - CONFIDENTIAL  
Place of Transmitter: Santa Barbara,

Mr. - CONFIDENTIAL  
Place of Transmitter: Islamabad,

In the end I thank you very much once again and wishes all the best for your end for all our fast friends in USA.

I hope you will not forget us and will write to me from time to time. Also because Pakistan and USA are the fastest friends. With all best wishes.

Yours Sincerely  
*Mr. M. Khan*  
( Mr. Mohammad Khan )  
Engineering Engineer.

A.P.W

Dear Mr. Howard,

We acknowledge with thanks the receipt of your letter dated 12.2.1982 giving detailed reception report of our Short-wave Transmitter operating on 4710 and 5090 KHz.

The details of the programme given in your letter have verified with our records and found correct.

With best wishes.  
Sincerely yours,  
*[Signature]*

Mr. Ronald Howard,  
777 Via Alegre,  
Santa Barbara,  
California 93110  
U.S.A.

( M. H. URBEKI )  
Sender's best Engineer

Mr. Ronald Howard,  
777 Via Alegre,  
Santa Barbara,  
California 93110, U.S.A.  
XXXXXXXXXXXXXXXXXXXX

# Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR: ARTHUR S. GETZEL - 170-40 Highland Ave., Jamaica, NY 11432

I'm back again. This month, because of his wife Stacey's recent operation, Arthur has asked me (Chris Hansen -- now where have you heard of him before?) to edit Tips + Topics for him this month. I am sure that get-well cards to Stacey at the above address will be welcome.

## CFCX SHORTWAVE -- MONTREAL, QUEBEC

Montreal, CFCF, which has been using a shortwave transmitter since 1930.

I met with Mr. Brian McKean who is Vice President of Programming for CFQR-FM, the FM service of CFCF in Montréal. He is also responsible for the operation of CFCX Shortwave. The following is a brief history of this shortwave operation.

Originally licensed as VE9DR in 1930, the station operated from Drummondville, Quebec, outside of Montréal, until 1932, when the location was changed to the Mount Royal Hotel in downtown Montréal. In 1936 the callsign was changed to CFCX and operated from this location until 1948. The transmitter was then shut down. Transmissions commenced once again in 1963 from the AM transmitter site of CFCF located on the Iroquois Indian Reserve of Caughnawaga, outside the city of Montréal, from where it is still operating.

The transmitter is a Marconi TH117 using a Lazy-H antenna beaming 340°-160°. The license request to broadcast shortwave was originally made by the Marconi company, the original owners of CFCF, to service Marconi staff and their families who were stationed in far northern Quebec on the installation of the DEW line. CFCF broadcast special programming to these people who were cut off from their families and relatives back in Montréal. News and personal messages were beamed to them by means of the shortwave transmitter. In 1948 the shortwave transmitter was shut down, probably not to be used again. Upon request by the Department of Communications in Ottawa, CFCF was requested to start up and continue using the shortwave transmitter on 6005 kHz at a power of 0.5 kW. CFCF then moved the transmitter to its existing AM transmitter site and has been simulcasting its AM programming since then.

According to Mr. McKean, CFCF has considered discontinuing the shortwave broadcasts due to high costs of operations. The transmitter is very old and replacement parts must be manufactured by CFCF technicians as original parts are very difficult to come by. They have no immediate plans to replace the transmitter as the shortwave broadcasts do not generate any revenue for the station. Response from listeners to the shortwave service are minimal. Approximately 5 or 6 reception reports per week on an average are received by the station. These are all answered by Mr. McKean. Most reports are from the eastern U.S. and Canada, with the occasional report from outside North America. CFCX Shortwave does provide a service to Montréalers who are vacationing in the U.S. or other parts of Canada who wish to keep in touch with what is happening back in Montreal, as it is a simulcast of the AM programming. For those baseball and hockey fans in North America, CFCF is also the flagship station for the Montréal Expos baseball and Montréal Canadiens hockey broadcasts, carrying nearly all home and away games of both these teams. They also broadcast a very popular sportstalk show, "The Ted Tevan Show" weeknights from 10:00 pm to 1:00 am ELT, as well as great music and numerous open line talk shows. Any DXers or SWLs within listening range of CFCX Shortwave, 6005 kHz, should give it a listen. I am sure you will find it enjoyable.

As with all shortwave stations, I hope, along with all other SPEEDXers, I am sure, that CFCX will continue to broadcast and not be forced to shut down. Perhaps if interest is generated by listeners by way of reception reports and inquiries to CFCX, the management may decide not only to continue broadcasting, but also to replace the transmitter, and in future, air broadcasts aimed more towards the shortwave listener.

Should you wish to write or send reception reports to CFCX, the address is as follows: CFCX Shortwave, 405 Ogilvy Avenue, Montréal, Quebec H3N 1M4, CANADA.

-- SHELDON HARVEY --

As a New Englander, I have fond memories of listening to CFCX when first beginning to listen to shortwave. Now we'll go down to Bonaire on the next page. Chris

## A TECHNICAL LOOK AT TWR - BONAIRE

TWR had its origin under the name "The Voice of Tangier," broadcasting its first programs in SS and EE in February 1954 over a 2.5 kW transmitter in Tangier, Morocco. In October, 1960 TWR

increased its coverage with transmissions over a 100 kW transmitter broadcasting from Monaco.

Preliminary plans for the construction of the TWR station in the Caribbean were initiated by Dr. Paul E. Freed, President of TWR, in June, 1962. Construction of the super-power station officially began in September 1963. At this time studios were also being built -- these would house the transmitting facilities, engineering offices, and a test/maintenance laboratory.

The transmitting installation is located five kilometers south of Kralendijk, Bonaire's capital city. The antennas are situated about 100 meters from the Caribbean Sea at the start of the salt flats; this is an ideal location for maximum antenna efficiency.

For SW broadcasts, the 19, 25, 31, and 49 meter bands are used, depending upon propagation conditions. The transmitters are a 500 kW BCB transmitter, which is designed to operate on all bands, as well as a 250 kW SW transmitter also able to operate on all bands. These transmitters are equipped with vapor-phase cooling systems for the heat dissipation of the tubes.

The antenna system consists of nine separate antenna arrays. Thirty-two towers, ranging from 50 to 550 feet in height, make up various antennas beamed to several parts of the world. There are seven vertical corner reflector antenna systems, and two curtain array antenna systems. The mediumwave directional antenna array consists of a single driven tower of 550 feet, flanked by four parasitic towers of 500 feet each. Available patterns include: omnidirectional, figure eight, North American, Spanish South American and Portuguese South American. Patterns are switched by remote control from the transmitter console in a fraction of a second.

TWR studios are quite modern, and house items which bear the Telefunken, EMI, Sparta, and Scully names. TWR is eager to receive reports and will reply by air if reply postage is included. For latest frequencies, check Chris Hansen's column, or write to: TWR - Bonaire, English Department, Bonaire, Netherlands Antilles.

-- DAVID SHARP --

## WINB

(The following is forwarded by Kraig Krist and seems to be a mimeographed handout from the station itself. ch) WINB began transmitting on the

shortwave bands in October of 1962 as a privately-owned commercial shortwave station. At its beginning, WINB was owned by the late Reverend John M. Norris and is presently owned and operated by World International Broadcasters, Inc.

From its beginning to the present, WINB has been used mainly by religious broadcasters who purchase time to broadcast programs as a missionary outreach.

WINB is located 1½ miles east of Red Lion, Pennsylvania, where the transmitter has an output power of 50 kW using a single triode tube in the final amplifier. The antenna systems are fed by open-wire transmission lines. The antennas consist of two three-wire curtain rhombics. The antennas are terminated by four-wire stainless steel, resistive dissipation lines. The antenna for North Africa and Southern Europe has a bearing of 62 degrees, and the antenna for South American coverage has a bearing of 160 degrees.

## DX-60 REVISITED

I was one of those attracted by the low sale price of Radio Shack's DX-60 receiver. I found that there was more news about the DX-60 than the

low price.

I purchased a DX-60 to use as a portable when traveling. The one I bought was a catalog number 12-764, and it was awful. Images were all over the dial and the dial calibration was almost ½" off. Needless to say, I took it back. The receiver I got in exchange was a DX-60 too, but the catalog number was 12-764A, and that letter "A" makes a world of difference.

Externally, the continuous tone control concentric with the squelch is replaced by a "high-low" switch and a silver-colored bandswitch is now black. Inside is where the real changes were made. The IF amplifier IC was replaced by a multi-stage discrete transistor amplifier. With a ceramic filter, this IF provides good image rejection except for the high end of the 7-18 MHz band where I think the receiver is misaligned.

The receiver covers BCB, FM, CB, and 3-26+ MHz SW in 6 bands. I ½" headphone and external antenna jack is provided. Squelch is available for CB. The large fine-tuning knob has the extra advantage that one revolution of this knob corresponds exactly to one

division of the logging scale. There's a dial light too. Missing are BFO and S-meter. For casual listening, I think the DX-60 is just fine. Calibration is excellent. With a 50-ft external antenna I can receive HCJB's 100 W transmission on 26020 kHz easily. The receiver is a bit bulky for a portable (with a bit of rearrangement there'd be room for a copy of the WRTH in the wasted space) but part of this is to make room for the "C" cell power supply and the AC line cord. The power automatically switches to battery in case of power failure. Overall, for \$50, I think I got a good deal.

-- KEVIN DAVIDSON --

(The following article is taken from Broadcasting magazine, 12/7/81, and is submitted by John Demmitt)

#### COMING UP SHORT

For want of \$12,000, America's eight shortwave broadcasters stand to lose access to the most desirable frequencies that might otherwise be available to them. That, at any rate, is the argument representatives of the shortwave operators made in a series of individual meetings with FCC commissioners last week.

The \$12,000 is the amount set aside in the commission's budget for representation at the six international meetings held each year where the frequencies on which international broadcasters from the U.S. and four other countries -- the Netherlands, Canada, Great Britain, and Germany -- are coordinated. International broadcasters, unlike domestic ones, are not assigned a permanent frequency, nor are they limited to a single transmitter.

However, the Commission's Broadcast Bureau, which along with all other bureaus in this year of tight budgets is assigning priorities to its functions, has given a low one to international travel. The commission will make its own decision on priorities at a budget meeting on Dec. 9. But the entire question of the national budget will not be resolved until Congress and the President resolve their differences on the matter.

With no representation, the American private shortwave radio operators would be reduced to accepting frequencies -- interference-plagued or not -- virtually dictated by the conference. (The Voice of America and Radio Free Europe/Radio Liberty will be represented). For it is at the conferences, held six times a year, that representatives of the shortwave interests in the five countries negotiate conflicts among the frequencies they propose to use in each of the seasons.

The FCC has been representing private shortwave interests at the coordination meetings since they began in 1960. But the New York meeting would not be the first one at which the commission did not provide representation. Because of previous budgetary problems, most recently in November, at a meeting in Cologne, Germany, the commission has been represented by the person representing RFE-RL. However, Stanley Leinwoll, the RFE-RL director of engineering, has since told the commission he can no longer assume that responsibility. He sees it as presenting a conflict of interest with his primary duty of representing RFE-RL interests.

The representatives of the shortwave stations who called on the commissioners urged continued participation by the FCC at the frequency coordination meetings. The commission is said to be planning to attempt to conduct future coordination by mail. But, the commissioners were told, according to a briefing paper they used, "selection and coordination of international broadcast frequencies is a tremendously complex matter which requires face-to-face coordination/negotiation. The presence of an advocate concerned only with the interests of private broadcasters is imperative if these stations are to receive the frequency hours they require."

The eight shortwave stations -- whose ability to communicate effectively with their international audiences is said to depend on the success of the U.S. at the coordination conferences -- use a total of 21 transmitters. The stations are WYFR (10 transmitters), WINB (1 transmitter), KGEI (2 transmitters), KTWR (4 transmitters), WFBS Saipan (1 transmitter), and new stations at New Orleans, Miami, and Honolulu, each of which uses 1 transmitter.

Six of the stations broadcast primarily religious programming on a noncommercial basis.

The stations in New Orleans and Miami, however, propose commercial operations.

#### UAE RADIO IN DUBAI -- GENERAL NOTES

-- --  
The shortwave transmitting station of the external services of U.A.E. Radio is located in the desert 42 km from the modern city of Dubai.

It is reached along a narrow tarmac road through the rolling sand dunes. Sometimes when driving out to the site in the early morning through a heavy ground mist is counter-balanced when driving back in the late afternoon through a blinding sandstorm.

The three high frequency transmitters are the Marconi type BD6124, with a carrier output power of 300 kW on the high frequency broadcast bands from 3.95 MHz to 26.1 MHz. The

three transmitters with the offices, workshops, and stores are housed in a large modern building fully airconditioned against temperatures as high as 50 degrees Centigrade (That's 122 degrees Fahrenheit for you anti-metrics. ch) in the summer. They are also protected against the sandstorms that blow up in the desert by oilbath filter systems. Ringing the building are the antenna curtain arrays fed from a remotely controlled switching matrix to switch any transmitter to any array. The whole installation is controlled from a centrally screened control room using a computer system which remembers all the schedule changes -- frequency, array, and program source -- against time and switches arrays and transmitters accordingly. In fact, a transmitter can be rescheduled in less than 30 seconds.

There are a total of 15 Marconi four band folded dipole curtain arrays with fixed wire screen reflectors. Each array can operate on four adjacent shortwave bands and the radiation pattern can be slewed +30 degrees.

SOME FACTS ABOUT THE UNITED ARAB EMIRATES -- There are seven Emirates, which in order of size and population are: Abu Dhabi, Dubai, Sharjah, Ras al-Khaimah, Omm al-Qaiwain, Fujairah, and Ajman. The total population is around 800,000 people and the UAE occupies a land area of 83,000 square km, (33,200 square miles. ch) covering most of the lower side of the Gulf on the southern side. The UAE's nearest neighbors are Oman to the North and Saudi Arabia to the South and West. It became a sovereign independent state on December 2, 1971 with its federal capital as Abu Dhabi. Each of the Emirates is headed by a ruler who has wide powers within his Emirate. The terrain is mainly desert with a dry subtropical climate. The UAE has been an oil producing state since 1963, and current production runs around 1.3 million barrels per day.

Remember, we QSL 100%.

-- DIRECT, Submitted by LESLIE BYRON --

(That last sentence "We QSL 100%," strikes me as a little much. Perhaps I'll send in a patently false report and see whether they QSL it. I hope they mean "QSL 100% CORRECT REPORTS!!!" ch)

(The following article is taken from Broadcasting magazine, no date given, and was submitted by John Demmitt. One caveat -- although R. Caroline is said in the article to be scheduled to sign on November 28th, there has been no sign of them as far as I know.)

#### PIRATE RADIO MAKES A COMEBACK IN ENGLAND

Radio Caroline, the pirate AM radio station that broadcast rock music to Europe during the 1960's and 70's, will resume operation this month from a ship anchored off the Essex coast of England. The nondirectional 50 kW station will have an adult contemporary format directed primarily toward Great Britain, but will include continental Europe as well.

Radio Caroline is now scheduled to sign on the air November 28th, after a two-month delay. The ship housing the station was hard hit by a storm as it moved into position off the Essex coast and the decision was made to add 150 tons of ballast in order to offset the imbalance of the craft's 300-foot transmission tower.

(The station's advertising manager) Ray Lindau said that the station is seeking advertising from multinational corporations, "especially those doing business already in the United States. We think they can translate their success here into success in Europe, where a multinational medium has not been available."

According to Lindau, the venture is backed by "a group of private European investors who would prefer to remain anonymous."

Lindau declined to estimate the amount of annual billing he expects Radio Caroline to draw, but predicted it will eventually outdistance London's Capital Radio, said to generate \$34 million a year.

The new Radio Caroline will be permanently anchored in international waters, at approximately the same site as that occupied by the original station. The vessel housing the station is "Imagine," a 300-foot, 1,100-ton craft of Liberian registry. It replaces "Mi Amigo," the original Radio Caroline facility, which sank in March, 1980.

According to Lindau, the new Radio Caroline will emanate from a 200-foot tower and will be somewhere between 600 and 700 kHz. A second transmitter will operate on an undisclosed shortwave frequency. An estimate of the potential audience for the station is about 8 million, with the actual audience probably exceeding the 3.9 million said to have tuned in to the original Radio Caroline.

Heading the roster of personalities, many of whom are said to have been associated with the first station, is Wolfman Jack. He will host a 90-minute program during afternoon drive time.

The first week of the Wolfman's show will be produced live from the ship, with subsequent programs custom-produced for the station, sent by tape from Los Angeles. Wolfman

Jack, born Bob Smith, produces syndicated radio programming through his own company.

Landau said the names of other personalities are being withheld until broadcasting begins. He said the names are not being disclosed in part to protect those involved from possible prosecution under Britain's Marine Offenses Act, which prohibits British citizens from supplying a pirate ship. All on-air personnel, except Wolfman Jack, will live on the ship for three weeks at a time, followed by one to two weeks of shore leave.

(Printing that article was worth it, because we finally found out Wolfman Jack's real name. Do you think he would have made it as "Bob Smith?" ch)

#### TIDBITS

We begin Tidbits this month with several items on Radio Marti. -- (CARIBBEAN STATIONS PLANNED)

(UPI) The Voice of America will build a network of radio stations in Central America and the Caribbean area in order to meet the urgent need to counteract Soviet and Cuban propaganda in that region, the administration said yesterday.

"We are involved in a war of ideas and of credibility. Our adversary is the Soviet Union and our weapon is the truth," International Communications Agency director Charles Z. Wick said in announcing the plan.

Wick told a House subcommittee that the ICA will draw on money in its radio construction fund "to meet urgent new requirements."

"The principal new requirement for this program, long in the works, is the urgent need to construct a network of medium-wave (AM) stations in the Caribbean and Central America," he said. (Andrew Kramer, VA)(3/18/82)(Andy asks: "Why only medium-wave, and not shortwave?" "Larger audience for medium-wave," said Chris Hansen, "fewer shortwave receivers.")

(REAGAN NAMES BOARD TO OVERSEE NEW RADIO MARTI)(Broadcasting, 1/25/82. submitted by John Demmitt) -- U.S. plans to attempt to break what officials describe as the Castro government's monopoly on news dissemination in Cuba moved another step forward last week with President Reagan's announcement of 10 members of the commission that will create Radio Marti, which is to broadcast to Cuba. But although the chairman of the Presidential Commission on Broadcasting to Cuba, F. Clifton White, said the group will move with "a real sense of urgency" he was not prepared to estimate when the AM outlet named for the turn-of-the-century Cuban freedom fighter will go on the air.

Some preliminary research has already been done by the State Department, and the commission will have the services of a staff. It is headed by a career foreign service officer, George Landau.

One option being considered for putting the radio on the air quickly is the leasing of time on an existing outlet in Florida.

The only member of the commission with experience in international communications is George Jacobs, a consultant in broadcast engineering who retired in 1980 as director of Engineering for the U.S. Board for International Broadcasting, a post he held for four years. For the previous 27 years, he was with VOA.

He said that although he could not speak for the commission, he would work for the development of a radio station that would deliver the U.S. broadcasts to Cuba "in the most effective way, at the least cost to the taxpayer and at the least risk of interference from either Radio Marti or Cuba."

The commission has a conservative complexion. White ran Senator Barry Goldwater's presidential campaign in 1964, and he was senior advisor to the Reagan campaign in 1980. The only broadcaster on the Commission, William B. Bayer, political editor and news commentator for WINZ (AM), Miami, has been described by the Miami Herald as "an outspoken conservative." Another person long regarded as a conservative who is on the commission is Joseph Coors, president and vice chairman of Joseph Coors Brewers. The commission also includes Charles Z. Wick, director of the International Communications Agency. Others on the commission are Herbert Schertz, Mobil Oil's vice president for public affairs, who developed that company's aggressive campaign of op-ed page messages to the public...and Tirso Del Junco, chairman of the Californis Republican Party, and a native of Havana.

(VOICE OF AMERICA GETS A NEW VOICE)(Getzel, from New York Times, 3/17/82) -- The Voice of America, which has recently been the target of the left and right over its proper role, has as its new director a man who says that only "time will tell" whether his views are conservative enough to satisfy those who feel the Voice is not moving quickly enough to articulate the views of the Reagan Administration.

The man is John Hughes, winner of the 1967 Pulitzer Price for International Reporting for the Christian Science Monitor, and an editor of the paper for 10 years.

Mr. Hughes said today that he did not see any problem at the Voice defining what constitutes fair and full coverage of the news. "It would include news not favorable to

the United States," he said when asked about the content of Voice broadcasts, which are heard in most of the world outside the United States. (Oh gosh -- has Congress made it illegal for radio waves to travel from the Voice to U.S. citizens?? ch)

He added, however, that the Voice also had the Congressionally-mandated duty to present clearly labeled commentary "articulating the foreign policy of the Administration." He likened that to a newspaper with a vigorous editorial page that is, nonetheless, careful to present the day's events fairly in its news columns.

The latest controversy concerning the Voice began last November, when it became known that Philip Nicolaides, then coordinator for commentary and news analysis, had said in an earlier memorandum that the broadcasting system should function as "a propaganda agency."

Mr. Nicolaides resigned last week, and three days later James B. Conkling resigned as director. Career employees of the Voice had charged that Mr. Nicolaides and Mr. Conkling were trying to damage the agency's journalistic integrity.

After his reporting stint in Southeast Asia, Mr. Hughes became The Monitor's managing editor and also served as a director and president of The American Society of Newspaper Editors.

YOUR GOVERNMENT AT WORK DEPARTMENT -- From Kraig Krist comes this explanation, according to his Congressman, as to why U.S. citizens cannot receive VOA Pennants. "DISSEMINATION OF INFORMATION WITHIN UNITED STATES. Public Law 92-352 62 Stat. 9. "Sec 204 -- the second sentence of section 501 of the United States Information and Educational Exchange Act of 1948 (22 U.S.C. 1461) is amended to read as follows: 'Any such information (other than "Problems of Communism" which may continue to be sold by the Government Printing Office) shall not be disseminated within the United States, its territories, or possessions, but, on request, shall be available in the English language at the Department of State, at all reasonable times following its release as information abroad, for examination only by representatives of United States press associations, newspapers, magazines, radio systems, and stations, and by research students and scholars, and, on request, shall be made available for examination only to Members of Congress.'" The solution is to get elected to Congress and ask to examine a pennant. As for Kraig's Congressman, he'd better get ready, because every shortwave listener in his district is going to run against him next November.

LOOK OUT, TITUS MOODY DEPARTMENT (As you probably won't remember, when Fréd Allen asked Titus Moody on "Allen's Alley": "What do you think of radio, Mr. Moody?" Titus shot back, "Not much -- I don't hold with furniture that talks!" ch)(TALKING CLOCK -- submitted by Ruth Hesch, taken from World Radio, Jan. 1982.) --

TALKING CLOCK -- Radio Shack is coming to the aid of persons with weak or impaired vision by introducing a new clock that talks. The new talking VoxClock (63-902) from Radio Shack uses the latest speech synthesis technology to actually tell the time in a clear, easy-to-understand voice. It is available now for \$59.95 at Radio Shack stores.

VoxClock will remain silent until its time button is pressed, or it can be set to automatically announce the time on the hour. Its electronic voice announces the hour and minute, followed by "am" or "pm".

Unlike conventional clocks, VoxClock has no display -- it converts time directly into speech. Quartz-controlled timekeeping assures accuracy.

(A few questions come to mind -- how about a 24-hour version with "GMT" instead of am/pm? and do you know how hard it is to type with a cat sitting on your shoulder? ch)

From the AFRTS comes word that it will no longer verify reports from listeners within the United States. (John Demmitt, PA)(Perhaps if they decommissioned a military band or two, they'd have money enough to reinstate QSL's. The reasons for ending this service seem to be purely monetary)(ch)

POLISH BROADCASTER GOES ON TRIAL (Wilder A. Pickard, via Chicago Tribune, 1/2/82) Poland will put its former radio and television chief on trial next week on charges of corruption and mismanagement, Warsaw Radio said Friday.

Maclej Szczepanski, a close associate of ousted Communist Party Chief Edward Gierek, will go on trial Tuesday with other, unidentified defendants at a Warsaw court.

Szczepanski was dismissed in August, 1980, after representatives of the broadcasting trade union charged that his assets includes seven personal cars, two planes, a helicopter, a \$2 million yacht, and a 16-room palace with ladies of the evening (euphemism mine. ch) in attendance.

He was stripped of his party immunity in preparation for the trial, and the widely publicized allegations against him were rumored to have hastened Gierek's downfall the next month.

My, my, this shortwave business is lucrative! See you in Contributors. *Chris/Arkie* Chris/Arkie.

CONTRIBUTORS - MAY, 1982

(compiled by Chris Hansen)

Hello again, Campers! This is my third and last entry into the May edition of SPEEDX. Numbers preceding each name indicate the number of columns to which the member reported this month. PLEASE NOTE: SECTIONS OTHER THAN SWBC/QL/UTE/SKEDS ARE CREDITED DIRECTLY BY THE MEMBERSHIP CHAIRMAN! Those figures do not appear here. Our turnout this month is down 8 reporters from last month - 169. Thanks to all who did report, and we hope that your final exams will not deter students from reporting in May. All columns are represented this month except for direct contributors to the Africa column, which will be listed next month.

2	ADDISON, Joe	KS	R-600	1	HOLBROOK, Hank	MD	HQ-129
1	AKED, Roger	FRANCE	NRD-515	4	HOTALING, Stan	NV	RF-2800
1	ALEXANDER, Brian	PA	FRG-7700	1	HOUDE, Dave	VA	DX-302
5	ANNIS, William	IN	SPR-4	1	HOWARD, Ron	CA	?
3	BAKER, Donald	DE	RF-4900	1	HUDDLESTON, Howard	TX	DR-7
1	BATUTIS, Paul	MA	FRG-7700	3	HUFFAKER, Carl	MEXICO	HOMEBREW
2	BEAUDOIN, Robert	CT	R-1000	5	JAMIESON, Jamie	CA	R-1000
1	BEAL, Hobart	WA	R4C	1	JOHNSON, David	ID	DX-302
1	BEEAMAN, William	OH	RF-2800	2	JOHNSON, Fred	IL	ICF-2001
4	BERRI, Jason E.	CA	RF-2900	1	JOHNSON, Howard	TX	R-1000
5	BLAKE, Jerry	IN	FRG-7700	1	JOHNSON, Mark	ID	DX-302
2	BOEHM, Jim	TX	FRG-7	2	JONES, David	VA	5-151-1A
3	BRANDT, Richard	FL	ICF-2001	5	JONES, Jack	MS	R-600
1	BROWN, Clif	IL	R-7	1	KANOPKA, Leon	NY	DX-300
5	BROWN, Terry	NE	FRG-7	2	KAPINOS, John	MA	FRG-7 et. al.
3	BYRON, Leslie	NY	PAT-9	2	KASPRZYK, Emil	TX	R4C
1	CARRIER, Dan	SAUDI ARABIA	HITACHI	4	KOBYLSKI, Tony	MD	FRG-7
3	CARSON, Robert	WV	DX-302	5	KORNEK, Joachim	FRG	NRD-515
1	CHABAK, Mike	AZ	HQ-180	1	KOWALSKI, Paul	WI	R-1000
1	CHINSKY, Mark	NY	RF-2600	2	KRAMER, Andrew	VA	RF-2900
1	CHITUCK, Bruce	ITALY	DX-302	5	KRIST, Kraig	VA	FRG-7700
1	CHRISTOPHER, Al	NJ	NRD-515	2	KROLAK, Eugene	MI	FRG-7700
1	CLARK, Guy	KS	FRG-7	3	LANGELOIS, Harold	GA	NC-98
4	CLAYTOR, Dave	MI	R-1000	1	LATKO, Jay	OH	FRG-7700
1	COLEMAN, Bob	MA	FRG-7	1	LAZARUS, Henry	LA	SX-190
1	COLLINS, J.M.	OR	?	1	LEARY, Robert	OH	FRG-7700
4	CONNELL, Charles	CA	CRF-320	1	LECUONA, Alberto	ARG	FRG-7700
1	CONWAY, Peter	UK	51J4	3	LEEMAN, Joe	RI	FRG-7
3	CREAMER, John	CO	R-1000	1	LEITE, Steve	MA	HQ-180A
5	CUNNINGHAM, Larry	OH	FRG-7000	3	LEONARD, Michael	ME	R-1000
2	CUPPY, Brad	IN	ICF-2001	6	LEVYA, James P.	MS	R-441A
1	DAVIDSON, James	TX	?	1	LOBDELL, Chris	MA	FRG-7000
3	DAVIDSON, Kevin	SC	DX-300	5	LORD, Earle	CA	RF-2600-F
1	DAVIS, Bob	KS	R-1000	2	McCANTS, Donald	LA	ICF-2001
1	DAVIS, Harry	CA	?	1	McSKIMMING, Hugh	CA	FRG-7
1	DECKER, Frank	NY	?	5	MANNING, Sandra	TX	FRG-7700
3	de KIEWIT, Rob	HOLLAND	FRG-7000	3	MARIN, James A.	FL	?
5	DELK, John	PA	SX-28	3	MICHAEL, Chris	PA	ICF-2001
6	DEMMITT, John	PA	HOMEBREW	5	MILLER, Bill	CA	DX-300
4	DUGUAY, Rick	MA	?	5	MONAN, Don	AB	R7
1	DUNHAM, William	LA	DX-300	1	MOORE, Alex	UK	R7/DR7
4	EGAN, Paul K.	ON	FRG-7	7	MOSS, Randy	CA	R-1000
3	EVANS, James	TN	RF-2200	4	MUNSTER, Ralf	GA	R7/DR7
3	FAMULARO, Ralph	CA	RF-2800	1	MURFF, Nathan	NM	FRG-7
4	FISHER, John	MA	GPR-90	1	NIDA, Jon	MN	RF-2800
1	FLANAGAN, Jack	MA	HQ-100	3	NIKOLICH, Mike	IL	HQ-180
1	FLYNN, E.R.	ROK	NRD-515	2	NIZAM, Lance	ON	RF-4900
4	FORBES, Lew	TX	FRG-7	1	O'RIORDAN, Hugh	ID	SPR-4
1	FORRESTER, Philip	SC	DX-302	1	OAKLEY, Marjorie	OR	FRG-7
4	FRASER, Robert	MA	XCR-30	1	OSTERMAN, Fred	KY	R4B
2	GARDNER, T.A.	UK	TR7/DR7	6	PARKS, William	FL	HRO-60
5	GARRETT, Larry	CA	NAVY SURPLUS	3	PETERSON, Roger	CT	FRG-7700
3	GEORGE, Charles	TX	SSR-1	3	PFEFFER, Morris	NY	RF-2200
2	GROSVENOR, Norman	CA	FRG-7	2	PHILIP, Joyce	BC	CRF-5100
1	HARDESTER, Mike	CA	R-1000	7	PICARELLI, Thomas	CA	FRG-7
5	HARRELL, Rich	IL	RF-2900	3	PIMBLETT, Nigel	AB	RF-2600
1	HARTUNG, Jim	MD	DR7	1	PRINGLE, Charles	CO	R-1000
6	HARVEY, Sheldon	PQ	ICF-6800-W	1	RANKIN, Robert	KS	DR7
7	HESCH, Ruth	NY	R-1000	2	RAYMOND, Bob	MA	R-600
5	HILL, Norman	VA	RF-085	1	RAYMOND, Greg	MA	FRG-7000

1	REAMES, Seth A.	JAPAN ?	1	STOCK, Len	CO	FRG-7000
2	REINECHER, Bob	PA NRD-515	5	STONE, Wilfred	ON	FRG-7000
1	REINSTEIN, Steve	FL RF-2200	1	STREETER, Robert	NY	R4B/SX-100
2	ROBINSON, Michael	AUSTRALIA R-1000	3	SURPRENANT, J.M.	MA	DX-1000
2	ROSS, Robert	ON ?	1	TAIT, Donald	AUSTRALIA	ICF-2001
1	RUSSELL, Gary	IL SSR-1	1	TANAKA, Masahiro	JAPAN	R-1000
5	SABLE, Thomas	CA FR-6600-JW	1	TANIGAWA, Michael	HI	RF-2900
4	SANCHEZ, Sam	CA DX-302	2	TATE, Harold	WV	SEARS 412
3	SANDERSON, John	AZ R-1000	3	TAYLOR, John	MO	DX-160
5	SARKISIAN, Brian	MI RF-2600	5	TAYLOR, Lyle	AZ	FRG-7700
3	SCHLESINGER, Mark	TX FRG-7	5	TEDFORD, Jim & Nan	MI	RF-2900
4	SCHROEDER, Art	WI DX-160	6	THOMPSON, Peggy	CA	FRG-7
1	SCOTT, George	IL ZENITH T/O	2	VALENTINE, Fred	CA	RF-4800
1	SCOTT, Tom	OK ICF-6700-W	1	VAN HORN, Larry	TX	RF-3100
3	SHAMBLIN, Bill, Jr.	CA RF-2200	1	WALTERS, John	NJ	R-1530
6	SHARP, David	FL DX-160	2	WARD, Henry	PQ	FRG-7000
1	SHEPHERD, Greg	IL DX-300	5	WILKINS, John	CO	R-1000
1	SHERWOOD, Linda	MA DX-160	1	WILLIAMS, John	MN	R4B
1	SINGEL, Rick	IN RF-2200	1	WILSON, David	OH	RF-2600
5	SMITH, Tom	FL XCR-30	1	WIMMERS, Bernie	FL	R-1000
2	SMITH, Traver	CA NRD-505	1	WITTE, Marjorie	CA	FRG-7
1	SPARKS, William	CA R4B	1	YAJKO, Robert	PA	SPR-4
4	SPEER, Richard	CA RF-2900	4	ZILMER, Bob	NM	ICF-5900-W
1	STEIN, Rick	NJ FRG-7000	3	ZOLLA, Rick	CA	FRG-7

Well, Campers, that's it for another month. I hope to see all of you in next month's issue. Arkie and Chris

NO COLLECT CALLS!      SELL \$\$ SEEK \$\$ SWAP      NO COLLECT CALLS!

**FOR SALE:** Back issues of SPEEDX - Vol. 12 (1977) #2, 7-12 @\$5; Vol. 13 (1978) #1, 3-4, 6-12 @\$8; Vol. 14 (1979) #1-9, 11-12 @\$8; Vol. 15 (1980) #1-9, 11 @\$8; Vol. 16 (1981) complete @\$10. FRENDEX - Vol. 11 (1972) #10-12 @\$3; Vol. 12 (1973) #1-7, 9-12 @\$8; Vol. 13 (1974) complete @\$10; Vol. 14 (1975) #2-6, 8-12 @\$8; Vol. 15 (1976) #1-6, 8-11 @\$8; Vol. 16 (1977) #2-4, 7-12 @\$8; Vol. 17 (1978) complete @\$10; Vol. 18 (1979) complete @\$10; Vol. 19 (1980) complete @\$10; Vol. 20 (1981) complete @\$10. Richard E. Wood, 1922 Rampart St., Cape Girardeau, MO 63701.

**WANTED:** WRTHs 1966 & earlier. Summer Supplements 1968 & earlier. Want back to mid-50s for research. Send postcard stating what you have, cost (reasonable) to: Jim Young, P.O. Box 576, Wrightwood, CA 93297.

**WANTED:** Exchange cassette tapes of SW, MW, FM, or VHF IDs, interval sigs, or other material. Jim Uerlings, 3908 Kelley Dr. Klamath Falls, OR 97601 Phone (503)884-7659 after 0130 GMT. NO Collect Calls.

**WANTED:** Tapes of Idi Amin playing accordion, ranting et al. Other notables. Great moments in history. Also collect Beatles radio performances, interviews. Will buy or trade. Eric Swedberg, 1529 SE Hawthorne #205, Portland, OR 97214.

**FOR SALE:** Yaesu FRG-7 modified w/ 3 kHz & 2.9 Mech. filter & Fast/Slow AGC @ \$280. Gilfer Readout GAR-7 for FRG-7 @ \$100. Yaesu External Speaker @ \$20. Yaesu FRG-7000 modified 4-2.4 filters @ \$415. Ameco Preamp PT-2 1.8-54 MHz @ \$45. Autek filter QF-1 @ \$35. MFJ VersaTuner 901 with Balun @ \$35. All excellent condition w/manuals & cartons. Prices include UPS to your door in USA. Steve Leite, 895 Bedford St., Fall River, MA 02723. Phone 617-675-2830 between 2100-0100 GMT. NO Collect Calls!

**FOR SALE:** Year-old Yaesu FRG-7 w/carton, manual, AC/DC cords, battery pac @ \$200. Kenneth Nesslein, 1022 Jenkins, Perryville, MO 63775. Phone 314-547-1949 from 0000-0400 GMT. NO Collect Calls!

**FOR SALE:** Mint Panasonic RF-3100 w/carton (5 mo. old). Ship free. @ \$225. Mel Ragucci, 215 Tiki Dr., Merritt Island FL 32952. Phone 305-452-2502. NO Collect Calls.

**FOR SALE:** Excellent DX-160 @ \$89. Durren Rogers, 1268 Dale Ct., Seaford, NY 11783.

**FOR SALE:** DX-160 w/S-meter mod. owner's & tech manuals @ \$90. Larry Van Horn, 1111 N. Carrier Pkwy. Apt. B-107, Grand Prairie, TX 75050. Phone 214-642-8407 before 3 pm. NO Collect Calls.

