

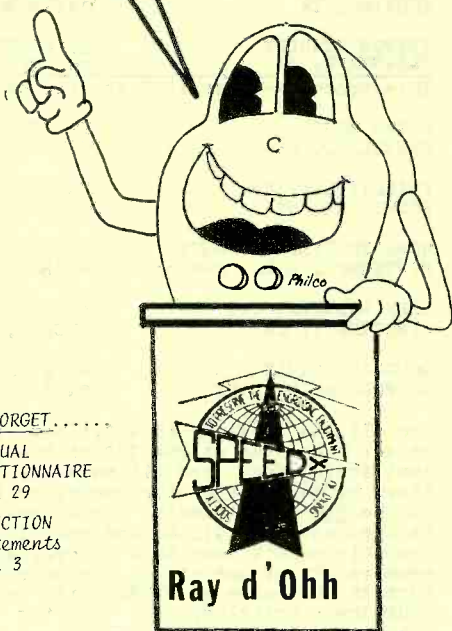
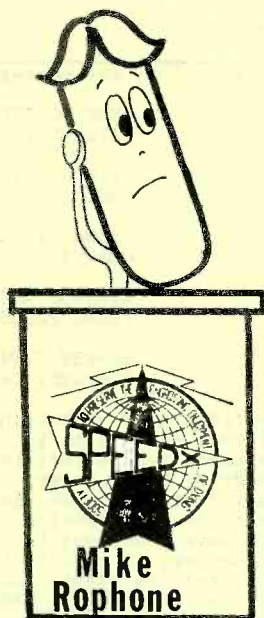
SPEEDX

SPEEDX

the dx radio magazine
for active shortwave listeners



If elected, I promise you
no more QRM, no
more QRN...



DON'T FORGET.....

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QUESTIONNAIRE
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Statements
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SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Well, I'm back, this time to do SPEEDX Spotlights. Just to straighten out the confusion, this column is entirely devoted to new and full membership lists. Any other information covered in KEYNOTES will now be found in "DX Montage." So from now on, please send that information directly to me. Also, please help our over-worked staff by sending your for sale and want ads to me, and not to Don Johnson, John T., or another editor. They will appreciate it, and so will I! Thanks for your cooperation, SPEEDXers....

Here are the full new members for August. You fine folks have earned your credits, and are now the proud owner of the Full Member Certificate, plus lots of other goodies! Keep up the good work, SPEEDXers!

CORNELIA CAMPBELL
DOVER, DE

HIROMASA SATO
HOKKAIDO, Japan

JOHN TRENT
ANCHORAGE, AK

FRANK FORREST
La MIRADA, CA

BRYON SHARPE
CASTRO VALLEY, CA

ADRIAN PETERSON
POONA, INDIA

BRIAN JONES
HOUSTON, TX

ED SOOMRE
NORTHBORO, MA

MICHAEL MCKINSTRY
ARLINGTON, VA

TREVOR STANLEY
FLAGSTAFF, AZ

ALEXANDER TIMOFEEV
APO, NY

This month, we have 15 Fantastic new members to add to our roster!

GLYNN MOSS
CLEVELAND, OH

JIM SIMPSON
THOUSAND OAKS, CA

ANNE MONTMINY
WATERVLIET, NY

PHILLIP DAMPIER
ROCHESTER, NY

RENE TETRO
NORTH WALES, PA

MIKE McCOY
SANTA ANA, CA

HORACIO HINOJOSA ARCE
MONTERREY, N.L., Mexico

CINDY HAUSER
La CROSSE, WI

FRANK BINGHAM
DRACUT, MA

GARY WILBURN, Jr.
CINCINNATI, OH

RICHARD HOAGBERG
FRIDLEY, MN

RICARDO ROMERO
IDAHO FALLS, ID

DOUGLAS SCHULTZ
N. FOND du LAC, WI

DAVID MATSON
MENLO PARK, CA

ROBERT CUTHILL
TORONTO, Canada

You all (as they say in N.C.) have taken the first step by joining! Now, to get your name at the TOP of the page, all you have to do is start to contribute. Make sure all material is in the hands of the individual editors by the 12th of the month, or in the hands of Perky Peggy, our CDE, by the 5th of the month. Her address is: Peggy Thompson, 2705 Alabama St La Crescenta, CA 91214. And now, YR ED is going to do something that probably hasn't been done before, and that is have a contest for the new members. First one of you who becomes a full member, or contributes the most to the pages of SPEEDX will get a nice prize! So start sending in your logs, articles, etc. By doing so, you'll be helping all SPEEDXers!

Hi folks, and welcome to another edition of DXM. This month, BOD statements really cut me short on space, so opted to temporarily drop the usual mast-head, which takes up a lot of room. Guess I better get started!

**Peggy Thompson: It has been my pleasure to serve you on the Board these past two years and I hope you will see fit to reelect me. I will not promise you the moon, but I will promise to do my very best on your behalf by presenting your views and suggestions as you make them known.

**John M. Kapinos: It is with great pleasure that I accept the honor of being nominated to serve on the SPEEDX Board of Directors.

A brief biography...I started in the hobby back as a Freshman in High School back in 1957, then along came college and all and did not again become active until the early part of 1976. I joined SPEEDX in 1978 and became a full member in early 1979.

In January 1981 I accepted a position of QSL editor for the club, a position I held until my recent "retirement."

If elected, I intend to give my utmost effort to serve to the best of my ability. I will not attempt to "re-invent the wheel" during my tenure but will work to make SPEEDX even a better club, which is no mean feat as SPEEDX is one of the preeminent clubs in the hobby today.

Your vote will be greatly appreciated. However, whatever your choice, be sure to vote. Thank you very much.

**Chris Hansen: When I was elected to the SPEEDX Board 4 years ago, I promised to be an activist member. In the past 4 years I have participated in several Board projects, such as the first SPEEDX questionnaire, which I wrote, tabulated, and analyzed; amending the Constitution to provide better officers for SPEEDX; and helping the Managing Editor set up guidelines for editors. I pledge to continue this participation with the second SPEEDX questionnaire and other projects which will help our club, the most active club in North America, continue to grow and prosper. The experience I have gained in these last four years will continue to benefit SPEEDX, if you honor me with your trust in this election.

**Rick Drollinger: First, let me introduce myself. My name is Rick Drollinger. Besides being an avid DXer and frequent contributor to SPEEDX, I am 31 years old, happily married to Kris and I live in Milwaukee.

In addition to my position as SPEEDX Managing Editor, I am Director of Operations (and Board of Directors member) for Wisconsin's largest non-profit transportation service for elderly and handicapped persons.

The key word here is non-profit. Possibly some of you are not aware that SPEEDX, too, is a non-profit organization. Since many rules and regulations which govern non-profit organizations are unique in the business world, I believe my 5 years experience as a Board member for another non-profit can only help SPEEDX to grow and prosper.

In conclusion, I believe that my strong interest in all aspects of the short wave hobby, having worked with other SPEEDX Board members in my position as Managing Editor and my expertise in the field of non-profit organizations will help me to serve on the Board in the best interest of both SPEEDX and its members. I urge every eligible person to vote. If I am the fortunate recipient of that vote, I thank you.

**Arthur S. Getzel: The past decade has seen vast changes in our hobby. I am proud that SPEEDX has contributed to these changes. There has been a vast technological revolution since SPEEDX was founded in 1971. I hope that as an editor for nearly ten years, I have kept the members abreast of these changes. There is really no way I can thank the membership for nominating me. I am very glad of your confidence.

If I am elected, I would like to implement the following platform in order to keep SPEEDX as the number one shortwave club in North America.

- The establishment of a computer section within Tips and Topics.
- High priority to informative technical articles which keeps the members on top of the latest developments in receivers, antennas, and computer oriented equipment.
- Expansion and modernization of the bulletin's format as well as the implementation of many new special publications.
- More input from the membership in determining club policy.
- Inauguration of a vast public relations campaign in order to increase our membership rolls.

(continued, next page...ds.)

In closing, all I can say is even if you do not vote for me--please vote. Only you can determine the future course of our club. I have confidence in the support you -the membership- has given this club in years past as well as in the future.

**Ron Howard, CA has denied his nomination...

Well, that's the SPEEDX political scene as of August. Lots of interesting views were expressed by the candidates. So read their statements closely, and begin to make your decisions for the upcoming election...More BOD statements and election information will appear in DXM next month.

SPEEDXer Don McCants of AL passes along information regarding the new (I think nonexistent...ds.) QSL policy of Radio Finland. Don says those people who wish to make an official complaint about this matter should write to: Embassy of Finland, Attention: Cultural Affairs Officer, 3216 New Mexico Ave. NW, Washington, DC 20016, or call at (202) 363-2430. As per a tip from John Kapinos, it might not hurt to send photocopies of your Nordic QSLs to these people. Might just make a difference if Radio Finland knew they were being 'a stick in the mud.' (ds.)

And speaking of QSLs, John Demmitt says that Radio Australia has once again changed its QSL policy. Only those reports sent with a postmark of Feb. 29th, and received in Australia by midnight the same day, will receive a QSL...

We have a winner to the FEBC contest (kind of)! Last month, I wanted to know how many languages FEBC broadcasts in. According to a letter I received from John Redman, Overseas Pgm Manager, he states "...FEBC Radio International is now broadcasting in 57 languages..." However, none of the entries had that answer (perhaps my letter has a typo?) As such, all entries will get a small prize. Tnx to Larry Talbot, Mike Harris, and Wayne Hensley for entering. This month's question: What is a 'Herstedvester?' First correct entry to YE OLDE QUIZ MASTER will get a Radio Dublin sticker...

Charles A. Hodgson, from way down under in SABC-Land, writes in to say that RFI announced on "Paris Calling Africa" that by the end of 1983, they will be broadcasting in one or more African languages. Now, if they will just start an English service to the USA. We don't all speak French...ds.

Ruth Hesch, with her amazing articulate ability, passes along an amusing item: Achtung! Das radiomachine ist nicht fur gerfingerpoken, knobentwisten, und mittengrabben. Ist easy schnappen der springenwerk, blowenfusen, und poppen-corken mit spitzensparken. Ist nicht fur gewerken by das dummkopfen. Das ruberneckken sightseeken keepen hans in das pockets- relaxen und vatchen das blinkenlights. Colonel Klink, eat your heart out. HI! (ds.)

Moscow Newscaster Fired...A Moscow radio newscaster who criticized the Soviet intervention in Afghanistan in a series of news broadcasts over the radio's English-language World Service has told investigators that he did so as a protest against the Kremlin's Afghan policy, sources say.

The 35 year-old newscaster, Vladimir Danchev, was promptly fired Tuesday and is being investigated by authorities.

Several top Moscow radio executives, including the editor-in-chief of the radio's World Service, have been reprimanded over the incident, which involved Danchev's denouncing Soviet forces in Afghanistan and calling on Moslem rebels "not to lay down their arms and (to) fight against the Soviet invasion" of their country.

Danchev was said to have told investigators that he was strongly opposed to the Soviet role in Afghanistan and that he wanted to see an immediate withdrawal of Soviet troops from there...Tnx to Radio Australia, and DXSF No. 32 (reprinted from Washington Post Service) for this...ds.

While we're on the subject of Soviet radio, Richard D'Angelo has forwarded a list of Soviet regionals that b'cast to foreign countries. Included is address, targets, and languages, but no frequencies. List is too long to print, but interested parties can get a photocopy from me for two 20¢ stamps...ds.

Well, I'm at the end of my page, so better wrap things up. Pse continue to contribute. Also, don't forget to send me your for sale and want ads.

From LA, I'll CUN 31.

CRACKER COUNTRY: You know it's time to give up SWLing when you get into a bind, and your first reaction is, "What would Kim Il Sung do in this situation?" Thanks to Ralph Famularo for this.

73's David



ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

Welcome to ... **ANARC '83**

random notes by: John Trautschold

THE LARGEST ANARC CONVENTION EVER!!! That's right, ANARC 1983, hosted by WADXA in Washington D.C. so far seems to be the biggest and best ANARCCON ever. Officially there were 245 attendees, however at last count, with the walk-ins on Saturday, there were unofficially around 310 people. A fine showing to say the least. If you weren't there on the weekend of the 15th of July you don't know what you missed, and if you were there, I'm sure you were glad you attended.

So, what all happened at this years ANARC 83 Convention? There were panel discussions on all sorts of topics including publicising the hobby, should we or shouldn't we (about a 50/50 split I would say, being one of those on the panel for that discussion). A talk on trends in broadcasting with some of the best in the field including Kim Elliott, Larry Magne, Roger Legge (this year winner of the NAM SW DXer of the Year award) and Bob Grove. Computers in the hobby were also discussed with working demonstrations of loggings software, automatic report generators, etc presented by Mike Levintow, Bill Krause (who supplied the computer), Skip Arey, and Jon Cohen.

Following lunch we had a number of seminars all occurring at once, but divided into the different areas of interest, including SW naturally, in which I again appeared with host Stu Klein, Jay Goldberg, and Dr. Richard Wood. Other seminars at this time included MW, UTE/PSB, and TV DXing. All of these centered around a free discussion of the various aspects of the hobby in which you had an interest. I can't speak for the other panels but with the SW group we had a very interesting discussion on where our hobby was going and how the clubs could change for the better. I received many ideas that I will later discuss with our BOD for possible improvements in the SPEEDX bulletin.

One of the most attended panels was that of Joseph Costello and George Jacobs. Do those names sound familiar? Well, they should, Mr. Costello is the man who first put a commercial SW station on the air here in the US, WRNO from New Orleans. He talked about his station, how successful they have been so far, and where they plan to go. Many many questions were fielded from the audience, and it was quite interesting. George Jacobs? Didn't he used to work for the VOA? That's right, he did, but now with his consulting firm, and his first job with WRNO, he is working with Costello on deciding frequencies, working with the FCC, etc.

The final forum of the day was the broadcasters forum, always extremely popular. This years dias included so many broadcasters we just don't have room to name them all, but they came from stations such as VOA, RCI, BRT, VON, WRNO, RADIO BEIJING, HCJB, BBC, ZAMBIA, and so on. Very interesting and informative. Definitely not the panel to miss.

Later that evening we all had a chance to dine during the annual banquet, where we heard talks from some very well known broadcasters, Pat Gates and Phil Irwin from the VOA and Joe Costello from WRNO. The day went by quickly and I doubt whether there was a frown on any DXers face. And then came the awards.....

BROADCASTER OF THE YEAR.....JONATHIN MARKS of Radio Nederland
INTERNATIONAL DXer of the YEAR.....VICTOR GOONETILLEKE
NAm SPECIALTY BAND DXer.....JOHN CLEMENTS
NAm SW DXer of the YEAR.....ROGER LEGGE

On Sunday, after the general meeting, it was time for the traditional HAP auction. This year Sam Barto headed the auctioning efforts, and although we don't know yet how much money was received for HAP, it was certainly a substantial amount. We'll report more on this later. We'd also like to note that it looks as though HAP is back on it's feet again with John McCann, a blind lawyer from Arlington, VA at the helm. He talked to us about HAP and it's future and it looks good. And by the way, we were all very encouraged at the number of handicapped DXers attending, especially blind hobbists. There were a good 20 to 30 handicapped people there, and because of this years big turnout, plans are under way for next years convention in Toronto to be even more "friendly" for the handicapped DXer.

PROGRAM

AUGUST 1983

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

PANORAMA

BRAZIL...Radio Nacional do Brasil broadcasts in English to Europe and North America daily. Listen at 2000 UTC on 15390 or at 0200 UTC on 15290 or 17830 kHz. Mon-Sat lineup includes WEATHER REPORT, MUSIC, NEWS, MUSIC, BRAZILIAN SCENERY(actualities, the arts, facts in everyday Brazilian life) and MUSIC(the latter two programs are not on Sat), then a daily feature program--Mon-SPORTS IN BRAZIL, Tue-THE NATIONAL ECONOMY, Wed-BRAZIL TOURISM, Thu-THE NATIONAL ECONOMY, Fri-HIGHLIGHTS OF THE WEEK, Sat THE MAILBAG; the lineup continues with MUSIC, LETTERS, MUSIC and CLOSING. Sun consists solely of SUNDAY SPECIAL(whose lineup we feature in Program Panorama periodically). (Thanks to Jim Cox, CA)

GERMAN DEMOCRATIC REPUBLIC...Radio Berlin International broadcasts in English to North America daily at 0015, 0100, 0230, 0330 and 0630 UTC in the 25 and 31 meter bands. The program lineup is daily NEWS, COMMENTARY and CURRENT AFFAIRS, followed by: Mon SPOTLIGHT ON SPORT and alternating DX features, RBI DX CLUB or DXTRA; Tue GDR KALEIDOSCOPE; Wed QUESTION TIME, POP CORNER; Thu THE LAND WE LIVE IN, MID-WEEK SPORTS REPORT; Fri NEWSREEL OF THE SOCIALIST WORLD, DID YOU KNOW?; Sat GIVE PEACE A CHANCE, DATELINE BERLIN; Sun MAILBAG, WEEKEND MAGAZINE. (Thanks to Dick Hull, CA & Kraig Krist, VA)

GERMANY(FEDERAL REPUBLIC OF)...Radio Deutsche Welle announced on their English program to North America for July 3, 1983 that the now monthly MAILBAG program would be heard twice a month beginning in November...probably still on Sun. (Larry Talbot, WI)

KOREA(REPUBLIC OF)...Radio Korea has a new English program lineup. Mon-Sat features NEWS & NEWS COMMENTARY, followed by MUSICAL PROMENADE(not on Sat--ECHOES OF TRADITIONAL MUSIC is heard on that day); a feature program is then heard, including: Mon TOWARD THE SEOUL OLYMPICS, Tue INSIDE NORTH KOREA, Wed THE PULSE OF KOREA, Thu SEOUL REPORT, Fri KBS ROAD SHOW(Wonder if this show is also known as "Seoul Train?"--WS), Sat KOREANS, NOW!; the transmission concludes with LET'S SPEAK KOREAN and HELLO EVERYONE, THIS IS SEOUL!(Mon-Fri only) and SHORTWAVE FEEDBACK(Sat). The Sun schedule is WEEKLY NEWS REVIEW, THE WORLD TODAY, KOREAN CULTURE PAST & PRESENT, BRIDGE OF FRIENDSHIP. A complete time and frequency schedule for Radio Korea's English transmissions can be found in the June 1983 Station Skeds column. (Thanks to Sam Barto, CT for sending this current information from Radio Korea.)

SOUTH AFRICA...After Radio RSA signs off to North America at 0257 UTC, you can continue to listen to the station in its morning transmission to Africa from 0300 to 0427 UTC. Mon-Fri features NEWS and COMMENT at 0300 and 0400 UTC, with GOOD MORNING AFRICA taking up the rest of the transmission time. Sat's lineup is 0300 NEWS, SPOTLIGHT, GMA---0400 NEWS, ECONOMIC REVIEW, GMA, while Sun has 0300 NEWS, THE MESSAGE, DX CORNER, GMA---0400 NEWS, MEDIA REVIEW, GMA. Frequencies in use are 9585, 7270, 5980, 4990 and 3230 kHz. (Clarence G. White, KS & David Claytor, MI)

SPAIN...Spanish Foreign Radio broadcasts in English to North America at 0100, 0200 and 0530 UTC on 9630 and 14880 kHz. Mon-Fri lineup for the hour-long transmissions is: OPENING, PANORAMA(current Spanish events, interviews, press review), DISCOVERING SPAIN(tourism, cooking), NEWS, FEATURES, SPANISH LESSON, SIGN OFF. (Donald McCants, AL)

COMING UP...a trip to the South Pacific...via shortwave

TAHITI...(Dick Hull, WA): "My favorite of all stations is Radio Tahiti. I get a very strong signal here. This is real "fantasy island" stuff, with soft-voiced women announcers speaking the beautiful Polynesian language, Polynesian music and a phone-in program before sign-off at 0730 that is a real kick--I can't understand a word of it, but the interplay between the young children calling in and the announcer is enchanting." Try frequencies of 15170, 11825 and 6135 kHz.

UNITED KINGDOM...BBC World Service regular programs--all times UTC:

WORLD NEWS - broadcast 17 times a day in the World Service. *Daily 0000, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1100, 1300, 1600, 1700, 1800, 2000, 2200, 2300*; **NEWSDESK** - a half-hour programme including World News, despatches from overseas and UK correspondents, and a Press Review *Daily 0400, 0600*. *All times GMT*

TWENTY-FOUR HOURS - analysis of the main news of the day, plus review of British Press. *Mons to Fris 0509, 0709, 1309, 2009*

THE WORLD TODAY - examines thoroughly one topical aspect of the international scene. *Mons to Fris 1645 rep 2209, Tues to Fris 0145 (South Asia), Tues to Fris 0315, 0545, 0915*.

COMMENTARY - background to the news from a wide range of specialists. *Daily 1609, 2309, Sats, Suns 1309, 2009*

RADIO NEWSREEL - news of events as they happen and despatches from BBC correspondents all over the world. *Daily 0015, 0215 (South Asia) 1200 (ex Suns), 1500, 1815*

NEWS ABOUT BRITAIN - daily 0009, 0309, 1109, 1809, also *Sats, Suns, 0709*

About Britain - looks back on some of the week's events *Fris 1945 rep Sats 0030, 0515, 1115*

Anything Goes - a variety of music and much more. Write to Bob Holness at World Service *Sats 1215 rep Mons 0330, 0830*

Book Choice - *Sats 0540, rep 1709, Mons 2225, 1709, rep Weds 0440, 2225, Fris 1740, rep 2225*

Business Matters - a weekly survey of commercial and financial news. *Thurs 2130 rep Fris 0330, 1030*

Classical Record Review - Edward Greenfield reviews new releases. *Sats 0730, rep Suns 1015, Mons 2315, Thurs 0430*

Country Style - David Allan presents the best in today's country and western music on record. *Mons 1330, Thurs 0730, Fri 0430*

The Farming World - *Tues 1840 rep Weds 1225 Thurs 0640*

From Our Own Correspondent - BBC correspondents comment on the background to the news. *Sats 2209, Suns 0315, 0715, 1615*

From the Weeklies - a review of the British weekly press. *Fris 2315 rep Sats 0715*

Good Books - recommendation of a book to read. *Sats 2015, rep Suns 1315, Mons 0215, 0925*

Jazz for the Asking - Peter Clayton plays listeners' jazz requests. *Tues 0630, rep Weds 2130, Fris 1215*

John Peel - selects tracks from a newly released album and singles from the progressive rock scene in London. *Mons 1430, rep Tues 0330, rep Thurs 0830*

A Jolly Good Show - Dave Lee Travis presents pop news, interviews and your requests. *Tues 1345 rep Weds 0030, Thurs 2030*

Letterbox - listeners' opinions on World Service programmes. *Fris 1415 rep Sats 2315, Suns 0515, 2015*

OUTLOOK - an up-to-the-minute look at people, events and opinions together with the latest UK news, sport and weather *Mons to Fris 1515, 1900, Tues to Sats 0115*

BRITISH PRESS REVIEW - survey of editorial opinion in the Press. *Daily 0209, 0909, Sats, Suns, 0509*

FINANCIAL NEWS - including news of commodity prices and significant moves in currency and stock markets. *Mons to Fris 2230 rep Tues to Sats 0445, 0930*

FINANCIAL REVIEW - a look back at the financial week. *Suns 0445, rep 1635*

STOCK MARKET REPORT - *Mons to Fris 1939*

Feedback Choice - *Tues 0110, rep 2125*

The Pleasure's Yours - write to Gordon Clyde, for your classical requests. *Suns 0815, rep 2115, Thurs 1345*

Reflections - a daily consideration of the meeting point between religion and life. *Daily 0435, 0809, 2240, Suns 1740*

Religious Services - Service from the Sixth Assembly of the World Council of Churches, meeting in Vancouver 7th; Service from the West of England 14th; St Martin's-in-the-Bull Ring, Birmingham, conducted by the rector, Canon Peter Hall 21st; St Martin-in-the-Fields, London, conducted by the vicar, the Rev Austen Williams 28th
Suns 1030 rep Mons 0030

Report on Religion - a weekly magazine of religious news and views *Fris 0145 rep 0745, 1415, Thurs 1945*

Sarah and Company - 30 minutes of guests and music. *Fris 1709, rep Sats 0045, Sun 0730*

The Tony Myatt Request Show - *Suns 1345*

Science in Action *Fri 1615, rep Suns 0915, 2209*

Scotland This Week - *Tues 1125, rep 1740, 2225*

Sunday Half-Hour - 30 minutes in the company of schools and local church congregations with the history and message of the hymns they sing traced by a guest presenter *Suns 2030*

Top Twenty - records and news of the parade. *Weds 1830 rep 2330, Thurs 1215*

Ulster Newsletter - *Thurs 2115, rep Fris 0145, 1125*

The Week in Wales *Thurs 1125, rep 1740, 2225*

Waveguide - how to hear us better. *Mons 0915, rep Tues 0100, Weds 0430, 1735*



Letter from America - *Suns 0545, rep 1115, 1645, 2315*

Letter from London - *Mons 0445, rep Tues 1115, 2115*

Listening Post - a weekly survey of comment from radio stations around the world. *Weds 1115, rep 1709, Thurs 0030*

Merchant Navy Programme *Thurs 2315 rep Fris 0745, 1015*

Meridian - each week, three topical programmes about the world of arts. *Sats, Weds, Fris. 1130; Sats, Tues, Thurs 2330; Suns, Tues, Thurs 1709*

Music Now - presented by Elaine Padmore. *Fris 2115, Mons 0230, 0945*

Nature Notebook - *Tues 1830 rep Weds 1215, Thurs 0630*

Network UK - looks behind the issues and events that affect the lives of people throughout the United Kingdom. Three editions each week *Mons, Weds, Fris 2100 rep Tues, Thurs, Sats 0215, 0745, 1330, (ex Sats 1315)*

New Ideas - a radio shop window for British industry, news of the latest products and inventions of particular interest to the householder and small businessman. *Sats 0530 rep 2230, Weds 1725, Thurs 1115*

Look Ahead previews programmes for the day; *Daily 0940 (ex Suns) Mons-Fris 1943*

In the Meantime - What's new on World Service *Thurs 2120, rep Fris 0150, 1115*

Our address
Any requests or comments should be sent to the BBC London Calling, PO Box 76, Bush House, London WC2B 4PH.



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC
AGC
GAIN
TUNER
IMAGE

SSB
LSB
FADE
NOISE
Smeter

Send Technical Questions & Technical Material To: ➔

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

NEW CONFIDENTIAL FREQUENCY LIST from Gilfer Associates, P.O. Box 239, Park Ridge, NJ, 07656. Actually not a NEW list but the second reprint and also incorporating an update in the same volume. Gilfer says they are about 1000 copies "behind" in orders, so please be patient as the "new" printing will be coming off the presses quickly. The new price is \$10.95! A buck more than the first printing, but with updated information. If you plan to do any serious Utility listening, this is a **MUST HAVE** book. Tell the you saw it in **SPEEDX!!**

SONY ICF*2002: Since last month's bulletin, more information has come in on the new SONY ICF-2002, no doubt the long rumored "replacement" for the ICF-2001 digital portable. Release date in the U.S.A. unknown at this time. (Probably when they sell all their stockpiled ICF-2001's!!!) Perhaps some of you might have seen it at the ANARC Convention before you read this.

BRIEF SPECIFICATIONS:

- *PLL Synthesized, Dual Conversion
- *76-108 Mhz FM, 153-29995 khz AM
- *Direct access keyboard tuning
- *10 Memory presets
- *Memory scanning
- *Manual tuning up/down (How many khz at a time??)
- Fine tuning on AM and SSB
- *Two position sensitivity control
- *Digital clock/timer
- *LCD displays (1 clock, 1 freq.)
- *Two position tone control
- *2-1/8" Loudspeaker
- *Recording output jack
- *Size: 7-1/8 X 4-5/8 X 1-1/4 (Same as ICF-7600/7600A)
- *Power Consumption? Looks like the sheet says **5 WATTS!!** ?????

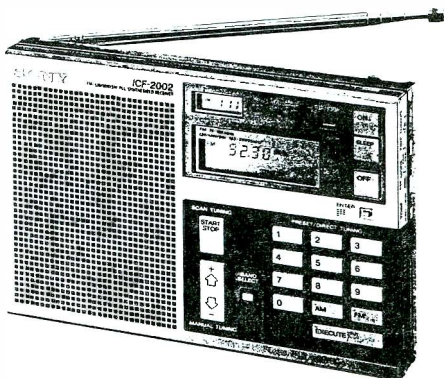
Using the 4 "AA" pencils internally, that would be about 830 MA!!!! Please send me some info you guys. Also need one for test and "review" for this column. Whats the US price? Whats the Japanese price (¥)?

ERRATA: I inadvertently left out the 15-15.5 Mhz range from the specs on the Panasonic RF-9 in last months bulletin. Sorry! Guess most of you did figure that one out! Knowing some of the things the Japanese engineers sometimes do, (ours too for that matter!) its better to be sure of what is what. Important bands **HAVE** been left out of some designs!

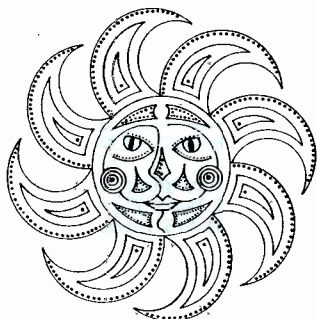
MIZUHO SX-3 low noise preamplifier with 3-30 mhz. coverage in three bands. has over 15 db gain, which is adjustable, and a 10 db attenuator. Input impedance is 50 ohms and output is 50 or 1000 ohms. Built-in AC power supply and measures: 195mm. wide, 62mm. high and 152 mm. deep. Cost is \$79.90 plus shipping from: ACE Communications, Inc., 2832 Walnut Ave., Suite D, Park Irvine Business Center, Tustin, CA., 92680.

BARLOW-WADLEY XCR-30 receivers are almost gone from BAYOUTRONICS (Editor's Address). I will continue to repair these sets and now have quite an extensive supply of parts available for them.

COMMENT: Sorry but we could not attend ANARC 83 for economic reasons. One year I hope to be able to see you all there! Thanks to ANARC for the info on the SONY/MIZUHO above. I will be awaiting your letters to find out what has been unveiled new at ANARC '83. Help me to pass the word along. See you all next month! Good DXing! 73.



Sandy



SPEEDX Western Hemisphere

EDITOR: JOHN CEREGHIN WJK3IAO
P. O. BOX 119
CHARLESTOWN, MARYLAND
21914-0119..for the last month!

Deadline: 12th

All times and dates UTC, All fqs in kHz

ADDITIONS FROM LAST MONTH

AUGUST 1983

To begin this month, I'd better take care of some ideas from last month before I forget. I promised you that I would give you my new QTH this month, for my impending move to Washington. FOR THIS MONTH ONLY, SEND ALL MATERIAL TO THE QTH ABOVE. FOR NEXT MONTH AND BEYOND, ALL MATERIAL GOES TO 6812 Pickett, Morningside Maryland 20746. So remember, this month (for the September issue) send all material to Charlestown. Next month (for the October issue) and beyond, send all material to Morningside.

Dick Hull in WA state sent me a note to clear up any confusion about his ABC Radio log for R. Impacto, Costa Rica last month. He simply mis-IDed it, and before he got the correct ID pinned down, it was too late to include in these pages. So, add Dick's name to the many who have heard R. Impacto.

***FOR SALE, Don't ask me how, but I've ended up with two copies of the Complete Shortwave's Listeners Handbook, written by Hank Bennett and Harry Helms. Do you want my extra copy? I'm selling it for \$8.75 US funds only. If you'd like it, drop me a card, but send no money unless I tell you to later. If more than one person want it, then I'll be fair, and determine the lucky DXer randomly. After all, fair is fair.

AND NOW, SOME EMPTY THOUGHTS— We only have 7 pages this month, but luckily, reports are somewhat off this month. I've also been thinking (which can be fatal at times.). I realize that the WRTH is a very complete source for station addresses. But it ain't perfect. We have many stations that SPEEKers want to send reports to that the WRTH has no addresses for. I'd like to fill in those gaps in these pages. So, if you have addresses for Latin stations not covered in the Handbook, please send them in. Right now, I'm looking for the address for R. Huanta, Peru on 4755 khz, since I had a request for it, and much to my embarrassment, couldn't supply. So, how about it, gang?

Well, let's get started. Remember, for Spanish-speaking nations, no language will be given if reported in Spanish. The same goes for Brazilian stations operating in Portuguese. So, let's start with.....

ARGENTINA

6060 0605 R. Nacional, Buenos Aires, OM w/ID and px:ann (545 6/26 Shamblin CA)
11710 *0100 RAE, EE, YL/OM "News of Buenos Aires": World Bank studies Argentine economy; YL and sx YL w/"Buenos Aires My City" mx interlude (333 6/22 Cox CA) (453 6/20 Stanley AZ) (fr/gd 6/24 Sharpe CA) (242 6/27 Pacetti CO) (323 6/9 McDowell IL) (444 6/19 Shamblin CA)
15345 0310 RAE, OM w/nx abt Arg. ID then mailbag px w/OM (333 5/21 Johnson IL)
EE, 0435, //11705 covered (353 6/18 D'Angelo PA)

BOLIVIA

6025 0028 R. Illimani, "La Victoria de Tucuman", px on the Argentine Independence War (1625) (444 6/6 Robichaud NB) *1019 (gd 6/15 Parks FL)
6105 1040 R. Panamericana, YL/OM Ldn mx pr Positive ID 1055 GHz/pr info and then into 7100: mx f/out at 1100 (1st time heard, thanks SPEEKer Mahoney FL) (333 6/9 Cox CA)

BRAZIL

3295t 0200 R. Tapuio, all Brazilian pop/EZL mx mixture. Tent ID, w/possible ment of "Rdif Tapuio". Somewhat weak: (pr 6/30 Cereghin ED)
3315 00Q4 R. Assuncao, mx brief, ID, OM ID as "R. Assuncao, Fortaleza capital de Ceara", ? khz onda media." Brazil pops (pr 6/9 Parks FL) Foreman CA)
4895 0853 R. Cult. da Bahia, mx w/long winded OM between. ID at 0856 (353 6/6
4915 2330 R. Anhanuera, ID at 2347. 2 OM w/very fast talking, sounds almost like a sporting event. ID w/loud cricket-like noise at 2358, ment of of Nat'l Brazil (team I suppose), bet this is a soccer game. Some QREI from another EC- prob R. Nat'l Macapa (343 6/8 Desrosiers MA)

BRAZIL— continued...

- 4925 0057 Rdif. Taubate, two OM w/tlk. Full ID 60100. Mixing w/Em. Meridiano 70. (fr/pr 6/28 Parks FL)
- 4965 0159 R. Poti, Wends. Night Soccer, "Maranhao vs Natal", by hyper OM sportscaster. Santa Fe absent (are you sure? Last time I was in New Mexico, Santa Fe was still there! hi! jc). Weak RITY, 0217* (fr 6/9 Parks FL)
- 4965 0323 R. Alvorada, Parintins, futbol game, post-game victory party w/drunken singing, cheers, etc. Occasional IDs by OM. (fr 7/1 Parks FL)
- 4985 0840 R. Brasil Central, slow mx. Excited OM, ID 0845 (353 6/5 Forsman CA) 0132 (444 6/20 G. Van Horn TX):2345 (343 6/29 Desrosiers MA)
- 5015 2321 R. Pioneira de Teresina, National Education pr. TC @2330 as "drum beats- Radio Pioneira 8:30? la hora" by OM, then mostly unintelligible ID. Ads, promo: "Pioneira Teresina" shouted by YL. Needed USB to pull this one out (pr 6/14 Parks FL)(my, my...nice log! jc)
- 5025 2343 R. Borborema, 2 OM- conversation at 2343. 2357- Woman over music (how did she do that? hi! jc) into commercials. 0001- OM w/echo: ID. 0002- Back to 2 OM (423 6/13 Brenesal FL)
- 5045 0915 R. Cult. do Para, Bras and SS Lam pops (like group "Memmo") plus strong reverb in amcer comunicacoes (352 6/25 Mahoney FL)
- 6035 0033 R. Globo, rapid-fire OM tik w/IDs, chimes, electronic noises, TC (433 6/17 Ramularo NJ)
- 6080ms 0944 R. Cultura de Porto Alegre, OM DJ w/Gauche mx, Pr "Bon Dia, Brasil", IDs for R. Cultura, TCs btwn records, full ID w/SW and MW freqs at 1002. Splatter of Ondas del Darien at 1000. QSB at 1012 (fr 6/15 Parks FL)
- 9545 0653 R. Universo, OM w/PT tik and ID at 0656 as "R. Universo". More formal ID at 0700 into selection of ballads. Covering SIBC tonight! (—oh yeah...one of those 'other' stations! jc)(343 6/17 D'Angelo PA)
- 9609 2230 R. Tomoio, excited OM DJ w/ID as "Radio Tomoio, Rio de Janeiro", LSB required to clear sta on 9610 (pr 6/19 Parks FL)
- 9675 0858 R. Marumby, ID by OM as "R. Marumby...(freqs? and band)...Florianopolis Santa Catarina, Brazil" very clearly! Followed by Lam mx (353 6/8 Satoshi, JAPAN)(fr/gd 6/30 Parks FL)
- 11780 *0759 R. Nac. Amazonas, IS, opening mx theme, full OM ID, plus a Radiobras ID. Fine AM sig (gd 6/29 Cereghin MD)
- 11895t 0835 R. Cult. do Porto Alegre, spoken pr to 0900, closing w. Gershwin mx. Signal improved w. time, but still faded much; some QRM from FEBC at 11890 (232 6/20 Schlesinger TX)
- 15190 2324 R. Inconfidencia, local pop mx into ads, brief spoken programs at 2330. Tremendous co-channel QRM from RCI (423 6/11 Schlesinger TX)
- 15290 0200 Radiobras, EE, YL ID. Mx "Native" (444 6/12 Addison KS)(333 5/30 Cox CA) (444 6/12 Robinson TN)
- 15445 0025 R. Nac. do Amazonia, mx, ID, OM and YL tik (444 6/25 Preston CA)

CHILE

- 6080 1050 Em. Patagonia Chilena, OM DJ w/Ranchera type mx, "R. Nac. de Chile" noticias, ID, rapid QSB after 1100 (fr/pr 6/29 Parks FL)
- 9550 1130 R. Nac. de Chile, tik by OM and YL. At 1157 ID as "R. Nac. de Chile..." by OM. At 1200, time info (332 6/8 Satoshi JAPAN)
- 15140 0100 R. Nac. de Chile, lots of good Latin pop mx. Lots of station IDs for a change. TCs every half hour (555 6/21 Card RI)(533 6/16 Casavant QUE)

COLOMBIA

- 4865 0153 LV del Cinaruco, mix of Colombian vocals (amor), fast dance tunes, and even a bit of jazz. ID at 0155 (433 6/2 Hancock AL)(322 6/16 Brenesal FL)(232 6/12 Brian TX)
- 4885 0528 Ondas del Meta, OM w/ID and Lam pop mx (333 6/20 Shamblin CA): 0642 (pr 6/16 Sharpe CA): 0900 (353 6/5 Forsman CA)
- 4925 0057 Em. Meridiano 70, OM DJ playing EZL Lam instrumentals, ID at 0103, TC w/chimes. Ad-string..Mixing w/Taubate (fr/pr 6/28 Parks FL)
- 4945 0849 R. Colosal, OM, ID for CARACOL, uptempo mx. Station is always here (453 6/5 Forsman CA)
- 5040 0217 R. Cinco, mx Lilanera and ads for shopping center in Villavicencio. ID jingle at 0220 (333 6/17 Mahoney FL)
- 5050 0039 LV de Yopal, Cuban-type mx. OM w/ID at 0044. Weak UTE QRM. First time noted since early May. (gd 6/26 Parks FL)
- 5095 0033 R. Sutatenza, severe CW- 5095; severe RITY- 5075. Tuned 5092. (Better later in evening) Usual pop mx, some Amer, some Latin. 0900 ID (422 6/13 Brenesal FL): 0315 (344 7/2 Desrosiers MA)
- 5975 0919 R. Macarana, mx, ads, ID at 0930 (333 5/31 Huffaker MEX)(342 6/13 Schlesinger TX): pr "Revista de la Presenta de R. Macarana" (453 6/15 Mahoney FL)

yes...we have more COLOMBIA!!!

- 6085 1007 Ondas del Darien, N/A- s/on w/prx open only "Buenos Dias! Ondas del Darien presenta 'Almanacer Campesino'" w/local ads and mx (453 6/23 Mahoney FL) Mahoney FL)
- 6115 0948 LV del Llano, mx Llanaera, IDs pr "Alvorada Musical" at 1000 (452 6/25
- 6160 1120 Enis, Nueva Granada, OM w/noticias, "Informe Internacional". Ads, ID as "RCN" at 1131, then more mx (gd 6/13 Parks FL)(444 5/31 Huffaker MEX)
- 6170 0740 LV de la Selya, a little mx mixed in with TCs, ads and mx, BGN IDs (433 5/31 Huffaker MEX)
- 6189 1150 LV de los Centauros, OM w/LAm noticias, ads, full ID by OM @1200, het de unid and splatter de 6195, some QSB (fr 6/13 Parks FL)
- 9635 1245 Rdiff Nac. de Colombia, EE lang lesson! to 1300. ID w/gongs @1300, into another educational pr. Sort of reminds me of a Public Broadcasting Station with all their educ. prs. No mx or mxx (fr 6/30 Cereghin MD)

ECUADOR

- 3220 0242 HCJB, classical mx (perfect for funerals!)(now that's a cheery thought! jc)TPs and ID @0400, then final edition of "Informativo Los Andes" mx (353 6/23 Mahoney FL): 0400 (443 6/24 Andrew LA)
- 3260 0034 R. Rio Carrizal, Campesino mx, OM DJ w/TCs, IDs and mx briefs btwn records. Weak het de unid sta (fr/gd 7/1 Parks FL)
- 3290t 0055 R. Panamericana, OM in rapid SS tlk, unintelligible ID, ads. HC ballads Severe RTTY QRM and LSB a must. T-storm QRM (pr/vpr 6/29 Parks FL)
- 4656.5 0030 Rdif. del Ecuador, OM w/tlk. Audio just barely above the atmospheric noise, then a telephone op came on USB on 4654.0 in SS and destroyed the copy completely till 0041. (Could this be the famous Sarah the Operator, from Mayberry? I wonder what ever happened to her? jc) Could the broadcast be a Rdif del Ecuador? It is! Tlk abt Cuba and America, Central Am- some type of interview at 0053. ID @0102- musical ID again at 0105 (232 6/8 Desrosiers MA)
- 4780 0307 R. Atahualpa, many ment of Atahualpa, plus ment of "R. America"; either a pr, or a net station. Usual HC stuff, mx-wise (fr 6/30 Cereghin MD)
- 4792 0458* Sistema de Emisoras Atalaya, romantic request pr, mentioning "amigos oyentes de Atalaya en orta corta y onda media..."mx ID @0415... "Sistema de Emisoras Atalaya en su programa - Fiesta de Medianoche" (romantic mx is hardly "musica de fiesta" in my opinion...but then, who knows to what wild actions such music can drive those gentle, good-hearted Guayaquilenos?)...Announcer spends a lot of time hyping the listeners (amigos, colegas, companeros)...more requests and comments to 0452 w/OM doing patriotic riff to 0457, closing theme, quick "Amigos oyentes de S.E.A". ID and very basic "goodnight and tune in tomorrow folks." No NA (if you've heard the Ecuador NA, you'd thank your lucky stars they didn't play it! jc) pulled da plug @0458. Signal better than Peru 4762/4790, but going downhill after 0430. Later checks during the week showed'em steady on freq and occ. as good sig. as when first heard (Sheedy CA 6/19): 1015, pr: "El Informativo Nacional" (322 6/23 Tanaka JAPAN): 0324, ID "En. Atalaya, 675? khz onda larga, 4790? khz onda corta, banda de 60 metros"(fr/gd 6/16 Parks)
- 4920 0359 R. Quito, OM w/ID, TC at top o'dee hour. Ad for Banco Nacional en Quito, Guayaquil, y Esmeralda. Then EZL mx (344 5/21 Johnson IL)(Robert, I think 'R. Casa de Cultura' may have been a program, or something similar..jc)(333 6/10 Desrosiers MA)
- 4960 0205 R. Federacion, mx pr "Infomation Nacional y Internacional" @0220 ID TC. Rel mx pr began "Un Original de R. Fed..." (443 6/22 Mahoney FL)
- 4977 1056 R. Tarqui, NA, opening amnt then mx pr. ID: "Sintonizan a Radiodifusora Tarqui de Quito Ecuador 990 kc onda media, 4970 kc banda internacional de 60 m onda corta." (322 5/22 Tanaka JAPAN)
- 5015 0953 Escuelas Radiofonicas Populares, first time this one has come through clearly for me on this freq. YL w/tlks in "six horas" and two complete IDs w/freqs in SS by OM. Into further talks by OM, till started to fade slowly. Good lvl and no UNE troubles (343 6/16 Cunningham OH)
- 5050 0959 En. Jesus de la Gran Poder, ID, mx and TC into NA at 1009, then into rel pr (444 5/31 Huffaker MEXICO)
- 6095 0630 HCJB, EE, "Understanding Short Wave Radio", topic was sunspots (545 6/20 Keenan CA): (434 7/5 Thompson CA)(444 6/16 G. Van Horn TX)+1
- 6130 0936 HCJB, DXFL, w/a tlk on "Understanding Short Wave Radio". HCJB totally wipes out CHNS, Halifax (433 6/20 Leonard ME)
- 9745 0035 HCJB, EE, "Today in Review" (544 6/21 Hill SC)(444 6/10 Taylor MO) (434 6/20 Lord CA)(443 5/17 Kosugida JAPAN)(Talbot WI)(White KS)
- 9750 0600 HCJB, EE, "Passport" (313 6/18 Keenan CA)

A good crop of Ecuadorian logs this month—good show to all!

ECUADOR...continued

- 15155 0207 HCJB, EE, "Unshackled"(444 6/27 Fisher WI)(Traver CA)(Trent AK)+6
 15250 0040 HCJB, EE, "Thru the Bible". Note new freq (444 6/14 McCants AL)
 15295 2130 HCJB, EE, DXPL: Anno New Members, talk on Dipole Antenna, frequency changes, talked about bumper sticker. HAP report (454 5/13 from fellow Orioles fan, Demmitt PA)
 15395 1202 HCJB, SS, OM sermon, relig pc. 1214 OM ID (433 6/21 Tanaka JAPAN)
 21477.5 1900 HCJB, EE, Musical Mailbag, //17790 (333)(222 6/25 Wimmers VA)

GUYANA

- 5950 *0730 GEC, EE, YL w/ID, NA, IS at beginning then recitation of an oath (that's the Guyanan Fledge of Allegence jc)Am mx. OM w/Early Bird px w/Am gospel and mid-Eastern mx (333 5/18 Johnson IL)(D'Angelo PA)

PARAGUAY

- 19470h 0012 R. Nacional, Nationalist speech at 0031. Gives a list of Paraguayan radio stations (this is a harmonic, 2x 9735, Take note, for this will be the last time it will be printed jc)(353 6/13 Robichaud NB)

PERU

- 3250 0157 R. Collasuyo, 0159-relg jingle. Taped ID (QRM-SABC) mx: relg/EZL/pop (talk about wishy-washy programming! jc). 0223- brass fanfare. ID over mx, more relg mx (322 6/15 Brenesal FL)
 3350 0025 R. La Oroya, record dedications to listeners, OM DJ, YL gives ID as "La Oroya" w/reverb. Bursts of SSB UTE QRM and KOed by same 00032 (fr/pr 6/11 Parks FL)
 4755 0919 R. Huata, mx- accordion, guitar, men in harmony. Frequent commercials usually accordian bridges. IDs most breaks (433 6/13 Brenesal FL) (Anyone have an address for this one? jc)
 4762 0325 R. Inca del Peru, Andino City, w/good IDs around 0330. Much lightning and some QRM from a Brazilian @4765 (333 6/19 Schlesinger TX)
 4790 0940 R. Atlantida, amnts by OM, LAM ballad (332 7/6 Thunberg PA)
 4860re 0230 R. Chinchaycocha, OM DJ playing ballads, huaynos of fair strenght but voice amnts very poor. Ment of Chinchaycocha (px/fr 6/22 Parks FL)
 4995 0852 R. Andira, 0855- ID by OM. Folklorica ballads; Accordian, flutes, men in harmony, also native stuff-nice. Frequent recourse to fast native brass theme throughout and IDs (433 6/13 Brenesal FL)
 5015 0930 R. Moyobamba, Quechua? mx by YL w/Huaynos, some recorded interviews in SS. PSA for vitamins @0945 (343 6/20 Mahoney FL)
 5045 0359* R. Ríjoe, mx until final ID and NA (343 6/1 Huffaker MEX)(342 6/25 Schlesinger TX, who wrote his log up in that weird Valley-tounge. I think you're wearing your headphones too tightly, OM! hi! jc)(353 6/21 Mahoney FL)
 5112 0230 R. Ego, weak sig and audio. OM, mx, ID at 0247. S/off w/ID and NA at 0301, mention Iquitos as location (222 6/5 Desrosiers MA): 1034 (222 6/14 Brenesal FL) Satoshi JAPAN)
 6115 1020 R. Union, tik by OMs w/mx (Huayno etc) "Tierra Tecunda"(343 6/15
 6901vt 0100 R. Cuartolune, mostly non-stop huaynos w/occasional unintelligible amnts by OM. QRM. Drifted to 6904 by 0120. Occasional SSB A/C UTE QRM. First time noted in a month (pr 6/9 Parks FL)

URUGUAY

- 4990 0813 UNID, monitored for most of an hour, but could not pull ID through the static. Were playing "musics Uruguaya" and IDing "Aqui R ???"
 (reactivated? or Bolivian?)(242 5/31 Huffaker MEXICO)
 9515t 0134 SOBRE, EB1 severe QRM from BEC. Feature on the Amazon. Frequent ments of Uruguay. (A pox on these English!)(321 6/13 Brenesal FL)

VENEZUELA

- 4770 1005 R. Mundial Bolivar, LAM mx, ID w/mx (322 5/24 Kosugida JAPAN)
 4780 0200 LV de Carabobo, LAM pops. Ads. ID at 0205 (333 6/15 Hancock AL)
 4800 0252 R. Lara, mx to ID @0252, otherwise mostly mx (343 6/7 Jones TX)(443 6/12 Stanley AZ)(444 6/2 Hancock AL)
 4830 0904 R. Tachira, mx. OM ID @0907, livley mx. Fighting w/R. Reloj (322 6/7 Foreman CA):better at 4829 (433 5/22 Brenesal FL):EE ID! (333 6/17 Mahoney FL)
 4840 0140 R. Valera, LAM mx, with some ads. No product familiar to me. Nice clear ID at 0148 (343 6/2 Hancock AL)
 4900 0309 R. Juventud, OM w/mx arm in SS and LAM mx (444 6/26 Shamblin CA)
 4970 0537 R. Rumbos, OM w/ID and px arm (444 6/25 Shamblin CA)(Stanley AZ)
 4980 0140 Ecos del Torbes, amnts, many ads w/sound effects. OM ID, and into mx (333 6/9 Hancock AL)
 4990 0100 R. Barquisimeto, nice EZL mx. OM/YL IDs and DJs (444 6/9 Hancock AL)

VENEZUELA...cont

- 5030 0915 R. Contiente, OM ID at 0917, lots of talking (454 6/5 Forsman CA)
 6010 1040 R. Los Andes, YL w/"Mil Cuarenta" ID, typical YV mx, ad string, TCs, Rumbos net promo (fr 6/29 Parks FL)
 6180 0924 R. Turismo, repetitive mx, 3 minutes of OM ID/TC, YL amnt, OM ID "La Musica Nacional" pgn (444 6/27 Famularo NJ)
 9540 0105 R. Nacional, cmty by OM, YL; ID @0112 (343 6/7 Jones TX)(333 7/6 Scheel IA)(333 6/14 Greenwald WY)
 9620 0200 R. Nacional, YL/OM, Latin mx, ID (444 6/22 Langlois GA)
 9660 2200 R. Rumbos, OM w/mx, ID at 2207, LAm pop mx (222 6/16 Berri CA): 0407 (423 6/29 Grosvenor CA)(444 6/14 Hull WA)(444 7/6 Scheel IA)

NORTH AND CENTRAL AMERICA

A N T I G U A

- 6040 *0100 DM Relay, EE, "Microphone on Europe", "Press Review" cmty; Economic recovery; Williamsberg Summit (333 5/30 Cox CA)
 6175 0446 BEC Relay, EE, OM w/financial mx (554 6/19 Shamblin CA)
 6195 *0900 BEC Relay, EE, OM, wld mx (444 6/1 Cox CA)
 9510 0842 BEC Relay, EE, OM, "The Pleasure's Yours (545 6/19 Shamblin CA)Shamblin CA)
 9545 0509 DM Relay, EE, OM w/tlk on economic summit in West Germany (555 6/20

B E L I Z E

- 3285 0500 R. Belize, EE, American pop mx, commercials, 0510*(323 6/15 Smith PA)

C A N A D A

- 5960 0318 RCL, EE, OM talking about judges in Canada (544 6/23 Shamblin CA)+3
 6005 1550 CFCK, Montreal, EE, call-in talk show (444 6/23 Cadorette MA)+2
 6070 1054 CFRA, Toronto, EE, All Star Baseball game (444 7/7 Bingham MA)+9
 6140 0617 RCL, EE, Ted Miller w/morning news to Europe (444 6/20 Shamblin CA)
 9510 1130 BEC Relay, EE, A day in the Life of: Algernon Swinburne (love that name! jc) He loved his mutton ale -I'll drink to that. (no me-mutton? Blah! jc) PS, he had apple pie for dessert (555 6/13 Demmitt PA)(444 5/28 McDowell IL)
 9625 1500 GBCNCS, EE/Int, mx, Me and Bobbie McGee, Blue Moon of Kentucky, Okie from Nustokee. YL/OM chatted for 10 minutes, mx: Ashes of Love (sounds kinky! jc)(454 6/13 Demmitt PA)
 9650 1155 RCL, EE/FF, IS, freq info, px preview, world rpt. Unescorted deported criminal sets fire to plane in flight. Smelting strike (555 6/13 Demmitt PA) MA)
 9755 0050 RCL, EE, OM, mx, ID, Canadian wx (444 6/22 Langlois GA)(555 6/8 Fraser
 15150 2134 RCL, EE, mx, tlk on "American Loyalists" who fled to Canada in 1783 (344 6/23 Famularo NJ) +1
 15190 0252 RCL, SS, OM, discussion tennis results at Wimbledon (444 7/5 Traver CA)
 15260 1605 BEC Relay, EE, wld mx, killings in India, PLO dispute, neutron bomb tests by France, Wimbledon mx (444 6/27 Kerrigan IL)
 17820 1640 RCL, EE, mx/cmty bc to Europe. 1700* (544 6/11 White KS)
 17875 2148 RCL, EE, SWLD, bc to Africa (544 6/11 White KS)

C O S T A R I C A

- 4832 0904 R. Reloi, OM ID, slow ballads, fighting it out w/R. Tachira (322 6/7 Forsman CA)(333 6/8 Desrosiers MA)(423 6/2 Fleischaker KY)(Freston CA)
 5954 0530 R. Casino, EE, pop mx all by Lou Rawls, ID (222 6/21 Golab IL)
 6006 1018 R. Reloi, SS mx, lots of IDs, TC, ads,(323 6/21 Van Horn TX)
 6150 0501 R. Impacto, a new Costa Rican on shortwave. Latin pops and ballads plus occasional American pops, talks, TCs, and frequent IDs by OM/YL IDs, principally in SS. At 0507:30, ID in EE by YL, giving freq and address (in San Jose) and asking for reports. At 0559:30, complete ID by alternating OM and YL as follows: "TINI, Radio Impacto, 980 khz onda media, 6150 khz onda corta, desde San Jose, Costa Rica, capital de la democratica Latino Americana." Good level, but subject to fades. Wonder if this is connected with the WRTH-listed AEC Radio, TIRS, which has been listed at 980 and 6150 for ages, but (as far as I remember) never heard? (I think that AEC's license must have expired, and was sold. That would explain the change in call letters. Unless we get information to the contrary, we should scratch AEC radio out of our WRTHs jc)(333/232 6/5 Cunningham OH): they plan to have an international listener's show at midnight, CR time (6/13 Mahoney FL) (554 6/10 Hesch NY)(322 6/23 Tanaka JAPAN)(454 7/1 Forsman CA)(343 6/1 Huffaker MEXICO)(353 6/12 Mahoney FL)(434 6/25 Worob TX)(333 6/11 Sable NY)(444 7/6 Thunberg PA)(544 6/20 Shamblin CA)(433 6/26 Speer CA)(322 6/27 Hotaling NV)
 6175 1100 TIFC, music selections, Latin popular (253 6/30 Card RI)

CUBA

- 4765 0255 TENTATIVE SINE, Mayak relay, and/or R. Moscow, RR, light instrumental mx, TPs, Mayak ID @0300 into OM w/mx. 30db on S-meter. (ex 6/30 Parks FL):0300, instrumental band mx, Mayak IS, into mx. Very good sig, could only be Cuba, but let's not overlook Granada or Nicaragua as other possibilities. Doesn't make much sense to broadcast in RR to the Americas, unless it's intended for seamen and Soviet advisors and workers in the West. (gd 6/30 Cereghin M D):0140, Mayak IS/ID. Also hrd at 0400. Strong sig (554 7/11 Mahoney FL)
- 9525 0659 REC, EE, ID, Lm mx, "Mail Box", "World Stamp" (333 6/6 Kosugida JAPAN) (???) ?? PLEASE INCLUDE DATE AND TIME!!!! Keenan CA) (Sharpe CA)
- 79550 0150 REC, EE, YL ID, mx (444 6/13 Addison KS):0110 SS (444 6/7 Jones TX)+1
- 11690 1900 REC, FF, philatelic px; "Parlons Culture" (333 6/19 Robichaud NB)+2
- 11725 0350 REC, EE, tlk; US supports land-grabbing in Israel. Reagan governs Haiti w/Iron Hand. Bill Haywood w/sports. Weather in Cuba...rain in Cuba...hope Castro's cigar gets wet, hi (444 6/14 Demmitt PA)
- 11760 0414 REC, EE, "P.O.Box 7026" (444 6/24 English TX) (433 6/27 Leonard ME)+3
- 11840 1800 R. Moscow Relay, EE, ID and TC, mx. 1106 ID, sx mx, "News and Views" (444 6/20 McDowell IL)
- 11930 0430 REC, EE, "Cuban Profile". //11760 different px (444 6/9 Bair CA)+3
- 11950 0200 REC, SS, OM ID, Latin mx (444 6/4 Langlois GA)
- 17690 1900 REC, SS, OM, ID, Cuban mx, notices (544 6/19 Stone ONT) (Pacetti CO)
- 17710 *1600 R. Moscow, FR, IS, mx, relay modulation (5/10 Wood SAUDI ARABIA)
- 17735 0445 REC, EE, "P.O.Box 7026", moderate QSB (453v 6/24 Famularo NJ)+1
- 17850 0200 REC, EE, YL ID, mx (444 6/18 Addison KS)

DOMINICAN REPUBLIC

- 11700 0335 R. Barth, EE, Rudy Espinal w/mx. Ads for Curacao hotels (444 6/24 Kapinos MA) (454 7/6 Spremo NY) (444 6/21 Golab IL) (333 6/3 Schulsinger OH) (433 6/4 Robichaud NB) (444 6/10 McDowell IL) (fr 6/26 Parks FL) (333 6/8 Byeder FL) (433 6/16 Mahoney FL) (544 6/14 Demmitt PA) (433 6/28 Hill SC) (454 6/11 D'Angelo PA) (444 6/21 Greenwald WY):0434*, Clarin ID, into SS (434 7/8 Garrett CA)
- 11700 0043 LV del CID, SS, ID as both Maximo Gomez and LV del CID. OM kept repeating "Cuba para nos Cubanos" (555 6/21 Greenwald WY) (444 6/28 Spremo NY) (544 6/23 Shamblyn CA) (444 6/11 Schlesinger TX)
- 11700 0259 R. Clarin, SS, ID 0300, YL mx, QRN really building and by 0320 unusable. Ehah! (sorry, Peggy, but my typewriter doesn't have a 'sick-looking face key', so I can't reproduce your artwork! jc) (242 7/6 Thompson CA): 0422 EE, (444 6/17 G. Van Horn TX) (343 6/30 Gammie MI) (333 6/28 Preston CA) (I understand from a note from Bruce MacGibbon, that some of the RLB bigwigs are wanting Rudy to update his "obsoleto" Clarin ID for 4850. Now whoa, guys. Can we prove 4850 is inactive? Just because wedon't (or can't) hear it doesn't mean it ain't there! jc)

GRENADA

- 15045 2330 Radio Free Grenada, EE, Obits, C&W mx (353 6/7 Fraser MA)+7

GUATEMALA

- 3360 0056 LV de Nalmala, Hallelujah chorus; OM ID, Xylophone mx, nice. 0101 OM ID, mx. 0105- xylophone and band w/prom. brass. Also at 0119 and 0132 (222 6/16 Brenesal FL)
- 3370 1020 R. Tezulutan, Indian?, mx, tlk, ID (353 6/22 Blanche FL)
- 4825 0123 R. Mm, OM talking in Indian Vern. Sounded like relc program. Mx with marimbas. Guatemala mentioned. SS ID @0135. 0137* (333 6/2 Hancock AL)
- 4835 1051 R. Tezulutan, OM w/dialect tlk, ID @0155, instrumental and marimba mx to 1100 into SS newsreel (6/23 Thunberg PA) (333 6/9 Hancock AL)

HONDURAS

- 4820 0300 HRVC, EE, Billy Graham rel px (433 6/12 Soome MA) (222 6/8 Jones TX)

MEXICO

- 6020 *1130 La "U" de Veracruz, NA, march mx, "XEU" ID by OM, EZL mx, instrumentals (gd 5/9 Parks FL) (222 7/2 Mahoney FL) (333 5/22 Konen WI)
- 6105 0500* Su Panther, panther snarls, "Charge!", US pop/disco, anthem. 0500*
- 9515 2244 LV de la America Latina, mx to 2300 fade; Challenger, Nicaragua, etc. Severe QM from BFC, Uruguay; at 2300, Moscow (432 6/16 Brenesal FL)
- 9705 0300 R. Mexico, "R. Mexico presenta", but then disappeared in QRN (322 5/22 Munster GA):2200 (443 6/1 Ulmer LA)
- 15160 1720 LV de la America Latina, musica mexicana, ID 1742 (322 5/21 Gunter NC) (545 5/16 G. Van Horn TX)

Gee, only 1 page left! This column may be late this month...just one of those things!

NETHERLAND ANTILLIES

- 6165 0530 R. Netherlands Relay, EE, mx, Newslines, Media Network //9715 (544 6/25 Klasowski FL)(444 6/14 Stanley AZ)(543 6/13 Damitt PA)
 9535 0503 TWR, EE, "Caribbean Nightcall" (6/19 Shamblin CA)(444 7/5 Traver CA)
 9590 0229 RN, EE, IS, mx, Newsline, Media Network (554 6/17 Spremo NY)+3
 9715 0548 RN, EE, OM discussing Madrid Conference (444 7/5 Traver CA)
 11815 1215 TWR, EE, Morning Chapel Hour; answering a complaint pastor stated he never sold the ministry's mailing list (well, somebody did, as evidenced by some of our junk mail. jc)(544 6/13 Damitt PA)

NICARAGUA

- 5950 0120 LV de Nic., EE, "Contact 248", ID, SS mx (534 6/2 Hill SC)(Soomre MA)+8
 6050?? 0550 LvN, EE, "History In the Making", cmnty: The reconstruction of Lake Managua"(444 5/30 Cox CA)

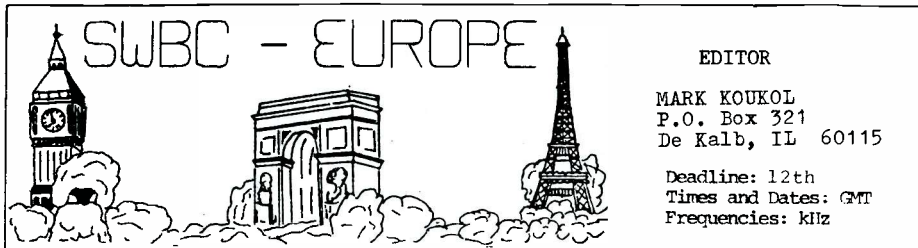
UNITED STATES

- 6020 0542 VOA, EE, OM w/rock mx, disco, soul, regge (344 6/6 Kerrigan IL)
 6185 0743 WRNO, EE, relg px; amt that WRNO is the official station of the 1984 Worlds Fair! (544 6/12 Leonard ME)
 9565 0030* Voice of the OAS, SS, ID in EE @0029 (555 6/6 Jones TX)
 9650 0255 VOA, EE, "Issues In The News" (232 6/13 Fleischaker KY)(Shamblin CA)
 9670 0030 VOA, SS, baseball player mx (555 7/6 Scheel IA)
 9705 0130 WRNO, EE, rock mx, wld mx (434 6/29 Fisher WI)
 11925 0030 WYFR, EE, OM ID, relg mess. (455 6/4 Langlois GA)
 17730 1645 WINB, EE, organ mx, hymns, OM/YL ID @1701 (222 6/15 Greenwald WY)
 17785 2020 VOA, EE, OM ID, mx (333 6/2 Addison KS)
 plus 16 other USA reports

CLANDESTINE

- 5565 0310 UNID, SS, OM/YL, lots of talk about Sandinista, Nicaragua, Cuba, and USA (QRM on LSB in FF sounds deliberate) Anti-Castro tlk, YL w/tlk over hymn mx at 0329, then no audio, no ID given, 3 tones at 0336. Repeated then carrier off (222 6/5 Desrosiers MA)
 6200 0543 R. 15 de Sept., SS, pol harangue w/rel slant (very weak sig)(242 6/1 Huffaker MEX)
 6220 1100 LV de Sandino, SS, px "A hora los informaciones..." OM tlk px (322 6/25 Tanaka JAPAN)
 6240 0312 YOTomorrow, EE, rather revolting development in SW here; a bootleg with an ultra-right wing slant. OM w/anti-Semitic cmnty and a set of racist "goals" that reek of either neo-Nazi or KKK leanings. Announced as a "test transmission" claiming to be b'casting on 15416, 15100, 7410, and 6240 khz. Gave an address in Bristol, VA. (I was tempted to send this guy a letter bomb!) Ended with a German-style song sung in EE (I think it's an old Nazi anthem), then a weird IS called "the call of the lone wolf". Also noted the next night (6/20) with basically the same format, this time w/a tirade about the "virtual monopoly of Jews" in American media. Excellent lvl and good mod for both b'casts. I'm usually tolerant (sometimes even sympathetic) toward US bootlegs, but in this case I hope the FCC can catch them before they can spread this poison too far. (Amen. jc) (444 6/19+ Cunningham OH)
 6660 0234 R. Venceremos, SS, playing tag w/jammer btwn 6660-6675. Hrd IDs and Latin mx (fr-vpr 6/24 Famularo NJ)
 7350 0015 R. Clandestine, EE, Chipmunk-style song, song "Bouncey Ball 2", Monty Python "undertaker" skit, "public affairs" ad, hard rock mx. ID as s/off, 0030; as "This is R. Clandestine— somewhere off the Nam coast". (343 6/24 Fraser MA)
 7400 0330 LV de CID, SS, freq list, then "LV del Cuba Democratica Presente "Cuba para los cubanos" (434 6/13 Andrew IA)
 7410 0140 VOVenus, EE, 2 OM, rock mx, IDs (lots of QSB, and mod was poor). Gave mailing address as Moorhead MN (322 6/2 Fisher WI)
 7425 0207 R. Free Wave, EE, current rock mx at gd/ex lvlw/minor WTE QRM. OM DJ calling himself "the Captain" w/amnts w/echo effect btwn songs. Gave IDs as "R. Free Wave" and "RFW"; gave freq as 7425 khz and QTH as "somewhere in the NE US". Claimed a tx input power of 50 watts. At one point played a song called "King of the Pirates" (must be their theme) and the last song played was "Catch Us If You Can" (cute!) (now that's the unofficial Pirate theme song, I believe jc)(433 6/12 Cunningham OH)
 7425 0159 R. Free USA, EE, pop mx, faded out (231 6/12 Spremo NY)
 7425 0717* Pirate R. "The Crystal Ship" gave MD loop # (7/4 Decker NY)
 outta room and time! See you in 30!

73s *7/16*



I've had a little more feedback about the state ID after reporter name and have decided to maintain the present system; state credit will continue to appear. Please remember that loggings over 2 months old--i.e., before June 1st for this August column--cannot be used here. Less reports than usual this month, probably due to summer vacations. Hope you had a good one!

ALBANIA Radio Tirana

- 7065 0013 RT; EE w/YL nx on heavy industry, 444(6/13 Coleman-MA)(6/20 Desrosiers-MA)
 7120 0132 RT; EE tlk by OM, a ham tuned up on top of it, 222(7/6 Scheel-IA)

AUSTRIA Osterreichischer Rundfunk

- 5945 0130 ORF; EE magazine pgm on India PM visit, trade relations, 434 (6/23 McDowell-IL) abrupt s/off 0154, IS, then into GG, 433 (6/14 Demmitt-PA) 454(6/23 Desrosiers-MA) @0330 w/EE tlk on Palestinians, 433(6/14 Stiner-NY)
 11665 *0430 ORF; ID & YL nx, "Shortwave Panorama", in EE, 444(6/20 Grewald-WY) to 0455*, 434(6/30 Preston-CA)
 15115 0130 ORF; teaching CW w/instruct. in SS/GG/EE/FF, practice w/5 ltr code groups, IS/ID in SS/GG @0153*, 555(6/11 Hancock-AL)
 15165 0430 ORF; Report from Austria Sunday special, EE tlk on confusion of traffic signals in Austria, 0457*, 433(6/27 MacGibbon-OR)(//11665)

BELGIUM Belgische Radio en Televisie

- 9880 0045 BRT; EE to NA w/Flemish mx, tlk on Belgian Royal Family, problems between Flemish & French, 555(6/25 Klosowski-FL) //11625 which had bad het, 555(6/13 Demmitt-PA) +7
 11695 1555 BRT; DT live sports, soccer, //21810, gd.(6/12 Wood-S.Ar.)
 17550 *1815 BRT; EE to Africa //6225, 1900*, gd.(6/9 Wood-S.Ar.)
 17610 1425 BRT; EE YL w/tlk on computers, answering mail, 454(6/15 Bingham-MA)

BULGARIA Radio Sofia

- 9700 0028 RS; EE w/mx interlude, QRM de 9695, 333(7/6 Scheel-IA)*0000 in EE w/nx of peace movement, 454(6/23 Bingham-MA)
 9740 0100 RS; EE YL tlk on spread of Fascism in Europe, Q & A about Bulgarian flowers, 433(6/22 Langlois-GA)
 11750 0455 RS; EE DX pgm concludes followed by Bul. pop mx, ID 0458, background BBC QRM, 534(6/27 Leonard-ME) +3
 15110 2130 RS; EE nx, cmtry on trade unions in Chile, 444(6/14 Demmitt-PA) EE DX pgm @2315 to 2330*, 433(6/8 Hancock-AL) @0001 EE usual prop. & tlk on water usage, 444(6/21 Hancock-AL)
 15135 2153 RS; EE DX pgm w/contest winners, 443(6/3 Robichaud-NB) *2230 EE w/nx, "Economic Outlook", 444(6/20 Fraser-MA)

CZECHOSLOVAKIA Radio Prague

- 6055 0020 RP; Czech Inter-Program, class. mx, 453(6/11 Fraser-MA)
 7345 *0100 RP; EE w/nx, song for your tape recorder "Don't Cry on My Pillow" (and to think I missed it!-MK)(Robinson-TN) IS @0155 & into SS, 555(6/7 Worob-TX) @0308 EE nx, 454(6/23 Shamblin-CA) +4
 9506 1150 RP; EE march mx, @1155 ID & time pips, 333(6/23 Arland-UK)
 11950 *0300 RP; EE w/nx, mostly abt Czech., 323(6/24 Talbot-WI) @0340 w/plea for opposing nuclear buildup(hope that was beamed east-MK), 423(6/24 Lord-CA)
 11970 0305 RP; EE abt chess demonstration by Anatoly Karpov, 544(6/23 Casavant-PQ)

11990 *0300 RP; IS, time pips, EE nx & cmtry, then rpt on "World Assem-
bly for Peace and Life", 453(6/23 Stanley-AZ) +3

FINLAND Radio Finland

11775 1932 RF; EE nx features incl. Spanish disarmament proposals, U.S.
VP in Finland, 434(6/21 Arland-UK)
15400 1321 RF; EE w/views on Finnish foreign policy by US diplomat, ID
@1325, 333(6/30 Kerrigan-IL)
17800 1205 RF; EE w/end of "Northern Report", promo for "Sunday Best"
pgm, 343(6/16 Hosmer-MI) @1400 w/EE tlk on setting up a
nuclear free zone, letters from Rainbow Listener's Club,
333(6/14 Demmitt-PA) tlk on Nordic "Sami" language, 444(6/4
Soomre-MA)
21465 0829 RF; EE w/IS, ID, "News Magazine", 353(6/22 Kosugida-Japan)

FRANCE Radio France International

6175 1650 RFI; EE w/piano-flute chamber mx, 1654 ID & freqs in EE,
1655 freq/pgms ann in FF, 444(6/21 Arland-UK)
7135 0415 RFI; EE OM w/world & French nx, strong CW QRM, IDs abt every
5 min., into FF @0430, 222(6/30 Preston-CA)(6/9 Wood-S.Ar.)
FF to 0445, then EE ID & nx by YL, 333(6/24 Hosmer-MI)
11735 0415 RFI; EE nx w/YL, mentioned earthquake near Yugoslavia, 222
(7/6 Greenwald-WY)
11995 0030 RFI; SS tlk, ID ment. beamed to LAM, jazz, 444(7/3 Hull-WA)
17620 1615 RFI; EE "Paris Calling Africa" pgm of wrld/Afr/FF nx, mx,
TC's & IDs, 252(6/28 Thompson-CA) 453(6/8 Fraser-MA)
21620 1600 RFI; EE "PCA" pgm, tlk on saving the OAU & Mitterand visit
to Cameroun, bad QRN, 343(6/25 Stanley-AZ)

Bruce MacGibbon of OR gives the following SIO breakdown of a 6/25 RFI EE
xmn at 1600-1655, before 1630/after 1630: 21685--333/232, 21580--444/433,
17795--232/212, 17620--232/111, 15315--212/212.

GERMAN DEMOCRATIC REP. Radio Berlin International

9560 *0230 RBI; EE ID, //11840 & 11890, nx & cmtry then "Dateline Ber-
lin" w/cmtry on trials of Nazi war criminals, 444(6/11 Stan-
ley-AZ) 333(6/20 Brewer-AR) @0255 w/mailbag, "Pop Corner",
444(6/22 Pacetti-CO) EE @0535-0601, pgm on, of course, nu-
clear disarmament(of course! Wud like to tune one of their
pgms for once & not hear the usual self-righteous slobbering
on this serious subject by RBI, RP, RM, RS et.al.-MK), 433
(6/22 Muzyka-NY)
9620 2115 RBI; EE w/end of Eur service, ID from "Socialist Germany",
454(6/8 Fraser-MA)
9730 0130 RBI; EE nx on So.Af. racial policy, Vance criticism of Rea-
gan, US-USSR peace proposal fails, 322(6/13 Demmitt-PA)
11840 *0230 RBI; EE ID & nx, interview w/son of Julius & Ethel Rosenberg,
listener's questions, 332(6/20 Stanley-AZ)
11890 *0230 RBI; EE nx, rpt on visit by Bulgarian officials, rpt on
weather changes, arms race, 432(6/23 Stanley-AZ)
11975 0020 RBI; EE w/tlk on new home for mentally ill, dist. of food,
s/off 0042, 454(6/24 Bingham-MA)
21540 0850 RBI; EE "This news comes to you from RB", 333(7/4 Trent-AK)

GERMAN FEDERAL REP. Deutsche Welle, Radio Free Europe

6085 *0100 DW; EE w/nx, into "Focus on Bonn", German hit parade mx, GG
by radio, 342(6/25 Stanley-AZ)
9565 0105 DW; EE nx, this stn seems more somber than when I first hrd
it 15 yrs ago, 555(7/6 Scheel-IA) 0147*, 433(6/29 Fisher-WI)
9690 0540 DW; EE tlk on coalition w/in GG auto industry, "Science Mag-
azine", 433(7/5 Traver-CA)
15105 0230 DW; GG w/cmtry, mx interludes, 322(7/5 Traver-CA)
15145 0936 RFE; Polish bcst of Pope's Polish mass w/crowd singing hymns,
OM ID, no jamming! 433(6/21 Famularo-NJ)
17705 1930 DW; EE nx, tlk on "Tanzania's Socialist Experiment", 333
(6/21 Famularo-NJ)
17860 1800 DW; GG nx by OM, excellent audio, //21600, 344(7/4 Desrosiers)
17875 0613 DW; EE cmtry on Afr politics, ID @0616 as "Afr Svc of the V.
O.G.", unid co-channel QRM, 222(7/2 Lucas-CA)

GREECE Voice of Greece

9420 0134 VOG; EE OM w/nx to 0140, QRM de RTTY @0138, into GK mx after
ID, 433(6/29 Bartsch-MN)

9865 0132 VOG; EE w/nx, 2 Greeks win gold medals, 0142 into GK, 444 (6/25 Bingham-MA) 333(6/20 Brewer-AR) 0340-0350 EE nx, 444 (6/21 Stiner-NY) +3
 11645 1920 VOG; EE nx by YL, item on confrontation w/Turkish ship, in-to FF @1930, 333(6/21 Arland-UK) @2335 EE nx & mx, 212(6/14 McDowell-IL) @0135 w/EE nx, 454(6/24 Pacetti-CO, 6/30 Spremo-NY) @0330 in GK, EE nx 0340-0350*, 443(6/17 Stanley-AZ)

HUNGARY Radio Budapest

11910 *2000 RB; EE w/nx, pgm on theater & arts, 332(7/2 Muzyka-NY)
 12000 0057 RB; EE w/analysis of Rosenberg trial, 444(6/18 Robinson-TN) *0200 in EE, OM w/freqs, YL w/nx, QRM de RTTY & CW, 422(6/22 Greenwald-WY) +3
 15220 *0100 RB; EE YL w/nx, cmtry, tlk on students learning computer skills, QRM de WYFR 15215, 433(6/21 Stanley-AZ) @0208 EE w/ tlk on "peace education"(hoo-boy!-MK) in schools, 0228*, 454(7/1 Bingham-MA) @0312 w/DX pgm, 433(6/10 White-KS)

ICELAND Iceland State Bcstng. Svc.

13797 1940 ISBS; tlk in IC by OMs, brief EE interview @1943, "Stardust" inst. mx, vocal mx, abrupt s/off 2001 w/EE comedy monolog, 353(6/1 Schulsinger-OH)

IRELAND Radio Dublin International

6910m 0100 RDI; World Music Radio via RDI, rock mx, QSL addr given as WMR, P.O. Box 4078, Amsterdam, Netherlands, 434(6/3 Card-RI) RDI; EE OM w/dedications, ad for "Supermitt", 222(6/26 Cadorette-MA) tent. log @0435 on 6909.7, lots of Irish folk songs, no ID hrd, Brit-sounding ancr w/ad for Twice as Nice Holiday Tours, 232(7/3 Desrosiers-MA) +6

ITALY RAI

71800 0114 RAI; EE YL w/nx & tlk on Mafia, into mx, 0120* w/ID, 433 (6/29 Bartsch-MN) 333(6/7 Addison-KS)
 15330 *2200 RAI; EE bcst to Far East opened w/"Good Morning!", to 2225*, ancd //11800(completely covered) & 9710(very poor), 333(6/25 D'Angelo-PA) @0350 EE nx pgm, 444(6/21 Stiner-NY)

LUXEMBOURG Radio Luxembourg

6090 0003 RL; EE mx w/OM ancr tlking on how listeners could call in dedications by phone, much QRN/QSB, 222(6/14 Ryeder-FL) pop mx, 322(7/6 Scheel-IA, 6/20 Stiner-NY)
 15350 1700 RL; FF mx pgms to 0500(you must like RL, Roland!-MK) w/top 40 pgm "Challenger" & "Hello Max" call-in, "Music all thru the night" w/George Lang, 333(6/21 Stiner-NY) @2104 w/hvy metal mx by Iron Maiden, Thin Lizzy(how 'bout progressive rock? E.L.P., King Crimson, Gentle Giant are my favorites-MK), 444(6/17 Spremo-NY) ID @2300 as "Music Radio WRTL", 434(6/5 Robichaud-NB)

Note: Zaire hunters, five will get you ten the FF you hear on 15350 is RL! Remember to ID-MK

MALTA Radio Mediterranean, DW Relay

6110 2248 RM; EE w/tlk on Maltese politics, YL ID, Elvis Presley mx, FF ID, 1st time hrd! 343(6/21 Famularo-NJ) @2306 EE w/pop & rock tunes in EZL format, played 6+ in one bunch, YL ID 2318 w/stn addr, anthem, 2320*, 333(D'Angelo-PA) +2
 9515 2057 IBRA via RM; EE Bible reading/sermon, hymn, 2116* w/IBRA Canadian addr, 333(6/21 Famularo-NJ)
 11865 0135 DW Relay; EE tlk on formation of 1st German Auto Club, to 0150*, 444(6/10 Hancock-AL, 6/14 Stiner-NY)
 15105 0130 DW Relay; EE w/"Learning to Speak GG", at 0150* "This is the DW transmitter, Malta", 555(6/12 Hancock-AL) +3

MONACO Trans World Radio

71690 0430* TWR; ends Arabic relig. pgm, EE ID, IS, gd(Wood-S.Ar. 6/9)

NETHERLANDS Radio Nederland

75560 1002 RN; EE tlk on "Rembrandt Society", ID, 443(6/27 Famularo-NJ) Several RN Bonaire relay logs were cut--these go to W/H!-MK

NORWAY Radio Norway International
9590 0055 RNI; NN pgm--DW came on same freq @0057 w/IS rendering RNI useless, 444 to 411(6/6 Desrosiers-MA)
11860 0358 RNI; EE/NN bilingual ID, time pips, ann(sked?) in NN, 444 (7/2 Speer-CA)
17840 *2000 RNI; EE IS, ID, "Norway Today" nxpaper's EE edition facing marketing probs, slight CW QRM, 444(6/26 Demmitt-PA)

POLAND Radio Polonia
7145 0200 RP; EE nx & cmtry re Pope's visit, 333(6/28 Kapinos-MA)
9525 0300 RP; EE nx mostly abt Papal visit, 422(6/21 Stiner-NY)
9540 1730 RP; EE nx, QRM de GG stn on 9535, 323(6/2 Timofeev-FRG)
11815 0200 RP; EE ID & nx by OM, gave run-down on Pope's tour that day incl. mention of trade unions, the gov't is sweating this visit out I bet! 333(6/21 Hosmer-MI)
15120 0100 RP; Polish w/terrific coverage of Pope, //9525(444) & 6135 (333), 454(6/20 Card-RI) *0200 in EE w/excerpts of speeches by Pope & Jarulzelski, 433(6/18 Bradley-MA) 452(6/16 Stanley-AZ) @0300 in EE w/nx & PL lang less., 343(6/5 Hull-WA)

PORTUGAL Radio Portugal
6075 0530 RP; EE w/nx & DX pgm, //9575(433), 332(7/2 Speer-CA)
6100 0300 RP; EE w/nx, mx, tlk on celebrations in Portugal, 544(6/14 Demmitt-PA)
9575 0530 RP; EE w/NA, ID, nx to 0543, severe QRM de Moscow 9580, 323 (6/15 Hull-WA) w/tlk on Australian gov., 544(6/23 Shamblyn)
11925 0058 RP; OM w/EE tlk, chimes, NA, ID & into Port., 434(6/6 Kerrigan-IL) @*0300 in EE, //9765, 444(6/13 Hill-SC, 6/22 Stanley-AZ)

ROMANIA Radio Bucharest
5990 *0200 RB; EE NAM svc w/nx by OM, had to use ECSS due to QRM de VOA 5995 & VOFC-WYFR 5985--w/ECSS, notch & PBT, QRM almost gone, 544(6/16 Desrosiers-MA)
9570 *0200 RB; EE w/nx, cmtry on nuke war, xmn made readable by ECSS, 332(6/22 Stanley-AZ) @0250 w/some real stirring numbers by big orchestra, OM/YL ancrs difficult copy, Lots of QSB, 433 (6/10 Hancock-AL)
9690 *1930 RB; EE w/world nx & News Highlights of the Week, QRM increases @1953, 332(7/2 Muzyka-NY)
11830 0250 RB; EE w/"Friday Rendezvous" mx variety pgm, IDs, 443(6/24 Pamularo-NJ)
11940 *0400 RB; EE w/nx by YL, cmtry by OM, rpt on Buch. Construction Institute, spa hotels, 433(6/5 Schulsinger-OH)
17850 *1500 RB; EE to Asia w/nx, good(6/13 Wood-S.Ar.)

SPAIN Radio Exterior de Espana
9630 0001 REE; EE tx abt "Running of the Bulls" celebration, Spanish lit., 544(6/16 Hancock-AL) +6
11880 0000 REE; EE w/Radio Club America, guitar mx, bagpipe mx, 544 (6/6 Blanchette-FL) *0533 in EE w/Panorama pgm, Spanish press review, //9630(333), 434(6/28 Preston-CA) +5
15190 1830 REE; SS w/sports, mixed w/RPI, fair(6/3 Wood-S.Ar.)
15375 2145 REE; FF w/"L'Espagne d'Aujourd'hui"(Spain Today), 353(6/3 Robichaud-NB)
15525 2110 REE; SS w/nx on right to education, Spain's balance of payments, 333(6/29 Grosvenor-CA)
17845 *1400 REE; SS w/ID, nx, mixed w/Deutsche Welle, fair(6/5 Wood-SAR)

SWEDEN Radio Sweden International
6065 1830 RSI; EE w/nx, Weekday pgm, SCDXer's @1841, 534(6/21 Arland)
9695 *0230 RSI; EE nx, rpt on mussel farming, woodcraftsman, 333(6/15 Stanley-AZ) 434(6/7 Worob-TX)
11705 *2300 RSI; nx in EE, tlk on VP Bush visit, SCDXer's, 544(6/28 Spremo-NY) 534(6/5 Bradley-MA) *0230-0258* EE w/"Weekday Friday", rpt on army accepting YL officer candidates, 443 (6/10 Stanley-AZ) +5
11710 2300 RSI; EE w/nx & DX show, testing 11710 for 1 week, 544(6/14 Demmitt-PA) nx, Weekday, 11710 now replaces 11705 effective 7/5, //15270, this change from efforts of ANARC freq recom. committee, 353(7/5 Zilmer-NM)
15270 2305 RSI; EE tlk on Swedish Central Bank, 544(6/16 Casavant-PQ)

17790 1400 544(6/7 Hesch-NY) 444(6/8 Blanchette-FL)
 RSI; EE nx & tlk on pension funds, interview w/YL choreographer(6/13 Demmitt-PA) EE pgm 1500-1527*, 343(6/27 Kerrigan-IL, 6/21 Stiner-NY)
 17840 1230 RSI; EE to SEAsia w/SCDXer's, 232(7/5 Zilmer-NM)
 17860 1400 RSI; EE Weekday pgm, replaces 17790 as of 7/5--change made thru efforts of ANARC-FRC, 343(7/5 Zilmer-NM) 434(7/5 Thunberg-PA)
 17880 1600 RSI; SW nx & tlk, replaces 17790 as of 7/5--change via FRC-ANARC, 343(7/5 Zilmer-NM)
 17890 0232 RSI; EE USB xmn, nx & Weekday, 354(7/6 Spremo-NY)
 Bob Zilmer of the ANARC Freq. Recom. Comm., which enabled the new freqs of RSI to be implemented, also writes that as per a phone call w/RSI engineer, Portugal will s/off at 0200 on 9695 beginning 7/10, hopefully improving the RSI signal there.-MK

SWITZERLAND Swiss Radio International
 6135 *0145 SRI; EE s/on w/nx, "Swiss Shortwave Merry-go-round", hvy QRN, 432(6/25 Stanley-AZ)
 9560 0704 SRI; EE world nx, beamed to SEAsia, 343(6/12 D'Angelo-PA)
 9725 *0145 SRI; EE mx box IS, ID & TC, nx, QRM de RM & RBI, 433(6/13 Demmitt-PA) *0430 in EE w/nx, "Let there be Music", 0500*, 343(6/27 Taylor-MO) 333(7/5 Traver-CA) +4
 11715 *0145 SRI; EE w/nx, SW pgm w/explanation of controls on FRG-7700, 333(6/11 Stanley-AZ) 555(6/14 Stiner-NY)
 15305 2154 SRI; EE "Dateline" w/feature on Arabian Gulf oil spill, ID @2200, 343(6/17 Drollinger-WI) DX pgm to 2200*, 333(6/25 Hosmer-MI) *0145 EE, DX Mailbag pgm @0150 then polka mx, 0215* & into SS, 444(6/11 White-KS) +5
 17715 0550 SRI; GG w/polka mx, ID 0600, nx & mx, into FF @0615, fair (7/2 Sharpe-CA)
 17785 1315 SRI; EE Dateline nx, 222(7/1 Zilmer-NM)
 17830 1530 SRI; EE IS ID, nx, DX pgm, intermittent jamming thruout xmn, poor reception, 342(6/25 Stanley-AZ)
 21520 0900 SRI; EE s/on w/TC, "Good Morning", 434(7/4 Trent-AK)
 21570 *1310 SRI; EE YL w/ID, nx & "2 Bobs" w/SSWGR, 533(6/11 Hesch-NY)

U.S.S.R. as given

Despite a June renewal & follow-up I have not yet received a copy of the summer UHN, so I am unable to begin the xmttr QTH IDing as described last month. It's probably just a crossed communications problem and I'm confident that next month I will be able to include this info.
 9800 2330 R. Kiev; EE nx & cmtry, //11960, 454(6/21 Fraser-MA)
 9800 0000 R. Mayak; RR w/IS, ID, nx of basketball game btwn Russ. Fed. & Ukraine, 454(6/26 Robichaud-NE)
 11720 2340 R. Kiev; EE cmtry about Prague Forum, 434(6/20 Berri-CA) +2
 12045 1640 RM; Finnish to 1700, then Norw.(sked to 1800), @1807 retune caught Swedish, 433(6/30 Palmer-WA)
 15100 0222 RM; EE YL w/remark that by visiting Afghan refugees in Pak., Sec. Schultz is interfering in Afghan affairs(some gud George Carlin material there-MK), 333(7/5 Traver-CA)
 15480 1719 RM via Krasnodar(?); Persian tlks, condx of prop. & spherical trig. indicate a site in Ukraine, 222(6/30 Palmer-WA)
 15520 1830 R. Peace & Progress; EE nx, tlk on Namibia, 333(6/25 Soomre-MA) 434(6/7 Drollinger-WI)
 15465 0229 RM; SS RM IS, then diff. IS, YL w/pgm for Chile, 342(6/20 Ulmer-LA)
 Mayak xmns on 4765 probably Cuban site acc. to WBI; Bob Cunningham-OH rpts them here at phenomenal level all evening on 6/30-7/1, and also on 3345 at 0113-0135 on 6/10 only. For Russ. troops in Cuba?-MK

UNITED KINGDOM

The interesting BBC pgm for the Falklands is still bcst Tues & Fri 2130-2200 on 15390(Ascension), 12040(UK), 11820(Ascension), & 9915(UK).

YUGOSLAVIA

EE at *2115 on 9620 w/nx, slight QRM de CBNQs on 9625, 444(6/14 Demmitt-PA), also 444 on 6/26(Kapinos-MA).

VATICAN

9865 @0055-0119 EE w/nx on Pope, piano mx, 444(6/16 Bingham-MA)

Hope it's cooler where you are! See you next month--73s, Mark WDX9JKV



SHORT WAVE

AFRICA



MIKE NIKOLICH • 2137 W. Farwell • Chicago, IL 60645

WE MOVE INTO AUGUST

Support tailed a bit this month, but a good column nonetheless. Hope you enjoyed Washington D.C. I was set to leave on the 12th of July, but a flu bug changed my plans. Perhaps I'll see some of you in Columbus at the end of July.

ALGERIA

15160 0030 R. Algiers; AA, OM chants, 6/12 (Langlois, GA)
17745 2000 R. Algiers; EE, nx, YL, 2010, mx px, mostly rock, 6/26 (Talbot, WI); 2000-2030, EE, int'l nx, 6/10 (Card, RI); 2003, EE, world nx, into SS at 2030, 6/28 (G. Van Horn, TX); 2002, world nx into disco, 6/30 (Famularo, NJ)

ANGOLA

4970t 0600 R. Clube Cabinda; drums solos followed by shouting OM, ID, mention of Angola, 7/5 (D. Sharp, FL)
9535 0006 R. Nacional; songs, ID at 0030, //4820, 6/13 (Robichaud, NB)

ASCENSION ISLAND

BBC frequencies noted: 7105 (0408) (Scheel, IA), 15260 (0000-0100) (Bradley, MA, Thompson, CA, Demmitt, PA, Traver, CA), 17870 (1428) (Lucas, CA)

BENIN

4870t 0500 ORTB; FF and vern, "If Loving You is Wrong, I Don't Want to Be Right" played twice in EE (Andrew, LA); 0533, constant tx by OM, 6/24 (D. Sharp, FL); 0557, FF, OM, EE R&R, anmts between mx, 6/20 (Shamblin, CA); tent at 0425 w/OM in FF, possible ID, 6/16 (G. Van Horn, TX)

BOTSWANA

4845v 0347 R. Botswana; cowbells hrd through slop, gone by 0400, 7/3 (Sharp, FL)

BURUNDI

3300t 0313 La Voix de la Revolution; local pops w/YL and OM, no QRM but every other reception problem imaginable, 6/19 (Schlesinger, TX)

CAMEROON

4850 2345 R. Cameroon; local pop til 2347, then OM tx and ID, 6/30 (Sharp, FL)
5010 0340 R. Garoua; afro mx, singing w/a leader and choral response, 6/11 (Stone, ON); 0445, FF, Koran hrd til 0453, then FF ID and more tx, 6/25 (Sharp, FL)
9745 2056 R. Cameroon; EE, brief highlife mx, ID and nx by OM, brief mx selection, then ID by OM, "This is Cameroon. You have been listening to our program in EE." 6/24 (D'Angelo, Wyomissing, PA)

CANARY ISLANDS

15364 0135 R. Espana Exterior; SS, ID, I am quite sure of frequency, easy SS mx at 0135 w/stringed instruments, 6/29 (Brian Jones, TX); hrd 1 kHz higher, 6/10, 0000, w/bull fight mx (Card, RI); 0030, SS, nx by OM and YL, mention of Spain and Madrid, 6/16 (Talbot, WI); 0118, flutes, ID at 0130, "R. Exterior de Espana," 6/16 (G. Van Horn, TX)

CENTRAL AFRICAN REPUBLIC

5035 #0430 R. Centrafrique; s/on into lcl pops by OM at 0437, 6/12 (Schlesinger, TX)

CLANDESTINE

4902 0427 R. Truth; EE, weird bird IS noted to 0429, then anmts and R. Truth ID by OM, opening anmts sounded hostile towards Zimbabwe gov't...7/3 (Sharp, FL)

7456v 0440 V. of Broad Masses of Eritrea; Oromo, political tx, good but chased by jammer, 6/9 (Wood, Saudi Arabia)

15235 1900 V. of the Great Homeland/V. of the People's Revolution; many IDs, "Huna al Idhaat ul Sawtul Watani al Kebir, Sawt ul Thawrat ul Shaabiya," Lebanese patriotic songs, //17930, doubtless Libya (Wood, Saudi Arabia)

17940 1545 V. Sudanese Revolution; AA, flute/drums/w/OM vocal, dogmatic tx, ID by OM, 6/21 (Famularo, NJ)

CONGO

15190 1907 RTV Congolaise; FF, OM, brief drum or xylophone mx, ID and several mentions of Congolaise and Brazzaville, 7/5 (Sharp, FL)

19430h 1435 RTVC; Lingala, marches, 2 x 9715 and better than Fundamental, 6/7 (Wood, Saudi Arabia)

DJIBOUTI

4781 2030 R. Djibouti; extended for Ramadan, Somali, festive mx for Ramadan; this is a weak stn here and I congratulate anyone overseas who can catch it, 6/12 (Wood, Saudi Ar.); tent. at 0603 w/brief OM anmt, possibly "Huna Djibouti..." on late for Ramadan??? 7/2 (Sharp, FL)**Possibly, but be certain you're not monitoring Mali on 4783. Probably best to try for this one late Spring or Fall around 0300 s/on. mln.

EGYPT

Radio Cairo announced at 0500 on 6/11 that clocks in Egypt had been put back 60 minutes as of midnight (local time) that previous night on the occasion of the advent of the month of Ramadan. This time would continue to be observed until the last day of 'Id al-Fitr, when Egypt would revert to Summer Time and clocks would be advanced by 60 minutes (BBCMS)

7150 1945 R. Cairo; AA, Qur'an, //9850, also noted 6/9 0445 on 7150.4 w/AA to Sudan, ID, "Rukn as-Sudan min al Kahira," light entertainment (Wood, Saudi Arabia)

Radio Cairo round-up: 9475 (0200-0300) (by Stanley, AZ, Hancock, AL, Klosowski, FL, Bingham, MA, Traver, CA, Scheel, IA) 15117.4 (0600) (Wood, Saudi Arabia), 17669.6 (1700) (Wood, Saudi Arabia)

GABON

4777 2340 RTVG/Libreville; FF, afro mx, ID by OM at 2357, NA and s/off 2400, ANO not hrd on 4810, 6/8 (Hancock, AL)

4810 0438 Africa #1; FF, OM w/good afro mx, 6/12 (Thompson, CA); 0515-0530, OM tx, YL DJ w/FF and Afro pop mx, 6/29 (Preston, CA); 0510, //11940, pop mx, 6/17 (Sharpe, CA); lively pop mx at 0526, 7/3 (Halbert, CA); 2230, 6/24, FF, lcl afro mx, s/off 2259 by YL (Soomre, MA), U.S. pop, many ID's, nx, more pop, 6/15 (G. Van Horn, TX)

7270 0500 RTVG; FF, OM nx, mx interlude, sports, mx, interview and discussion px, 6/28 (Preston, CA)

11940 2250 ANO; FF, rock mx, 2300x, 7/3 (Thompson, CA); 2050, FF, several IDs hrd, OM w/pop/rock show (Fleischaker, KY); 0505, FF, nx, multilingual "Good Morning" YL w/many dedications, s //4810, 6/30 (Speer, CA)

15200 0615 ANO; local mx, YL voice-overs, nx in FF (D. Hull, WA)

21475 0730 ANO; FF special svc to OAU Summit Conference in Addis Ababa, nx, afro mx, booming in, 6/10+11 (Wood, S. Arab.)

GHANA

4915t 0600 GBC; EE/Vern, noted w/tent reception, OM tx about recent coup attempt and closing of Ghana borders, but no ID was given, 7/5 (Sharp, FL)

GUINEA

15310 1300 LV de la Revolution; per comments by MLN, hrd w/OM ID and nice guitar selections--stn plays good afro mx, 7/6 (Sharp, FL); 2000, FF, nx and afro mx, 6/13 (Card, RI); 2030, Vern, OM tx to local mx at 2036, more tx, 6/25

(Schlesinger, TX), FF, OM tx, highlife mx, 6/27
(Famularo, NJ)

KENYA

7140 0820 V. of Kenya; Swahili, OM/YL, all-daylight transequatorial summer propagation, 5/27 (Wood, S. A.)
7210 0822 VoK; Somali, mx requests, daylight transequatorial summer propagation, 5/27 (Wood, Saudi Arabia)

LIBERIA

6090 0708 ELBC/LBS; EE, world nx, lcl nx, "Police Report," more lcl nx, 6/15 (G. Van Horn, TX)

LIBYA

"Voice of the Upper Voltan Popular Revolution"/"Radio Bardai": On June 9, the 17930 kHz channel carrying the 2015 news bulletin from Libyan Radio's Voice of the Greater Arab Homeland svc was interrupted in mid-sentence at 2030 by the playing of African-style mx. At 2035, an announcement in FF ID'd the svc as being the "Voice of the Upper Voltan Popular Revolution." The service then carried material hostile to the present gov't of Upper Volta. It supported the "revolutionary" movement led by Thomas Sankara. At 2050, modulation on 17930 ceased and the Libyan radio's AA-lang external svc (Voice of the Greater Arab Homeland) resumed w/o a break in the xmtr's carrier. The "Voice of the Upper Voltan Popular Revolution" was not hrd again on 17930 kHz. It has been noted on 6009 kHz. "Radio Bardai," the anti-Chadian-government stn, was heard to close at 2027 on the same freq. Approximately two minutes later, with no break in the xmtr's carrier, the "Voice of the Upper Voltan Popular Revolution" started up with its interval signal. The discovery of the Upper Voltan "stn" on 17930 kHz and 6009 kHz tends to indicate that it and Radio Bardai broadcast from Libya. (BBCMS)

11815 0050 R. Jamahiriyah; OM reading (from Green Book?), "Are they still QSLing? Guess I'll have to do a follow-up," 6/16 (G. Van Horn, TX)*A couple veries have trickled thru...

MADAGASCAR

9715 2100 RN relay; EE, interview about the arts in Holland and how they are being used to bring in more tourists worldwide...2120* 6/14 (Ryder, FL); 2030, "Happy Stn," 6/19 (Soomre, MA); 2030, "Happy Stn," 6/12 (Fraser, MA)

MALI

7110 2253 R. National du Mali; FF, North African mx noted to 2255, then tx by OM, reception has been erratic lately, 6/24 (Sharp, FL)

MAURITANIA

Radio Mauritania announced that it would be introducing changes during the month of Ramadan. recitations from the Koran would be carried on a frequency from 0000-0600 GMT. The newscast in FF would be re-timed from 1930 to 1915 GMT. (BBCMS)

4845 2349 R. Nat. du Mauritanie; usual px of chants and guitar mx, 6/29 (Sharp, FL); 0636, AA mx, then tx w/ID, nx format, 6/15 (G. Van Horn, TX); 0611, AA, chants, no ID hrd at 0600, 6/20 (Shamblin, CA)

MAURITIUS

9707v 1057 MBC; Indiana subcontinental mx, muffled IO at 1100, very weak and faded-out by 1114, 7/4 (Sharp, FL)

MOZAMBIQUE

"Voice of Free Africa"/"Voice of Mozambique National Resistance": At 1700 on June 23, a station on 4764 kHz was heard to announce itself in PP as the "Voice of the Mozambique National Resistance." In what was described as an editorial, the OM stated that with effect from July 1, Mozambican people would regularly be hearing on their radios the "voice of the revolt of the people," now under the name of the "Voice of the Mozambique National Resistance." Daily sked was announced as 0400-0500 GMT and 1700-1800 GMT on 4764 kHz. (BBCMS)

7210.9 2100 R. Mocambique; PP, nx and sx, lively style, 6/12(Wood)
9618.9 1600 RM; PP, 4-note gong, IO, OM, chorus, IO as "...R. Mocambique...em Maputo." nx, afro-pops, 6/6 (Satoshi, Japan); 1545, lite mx, IO, 6/12 (Wood, Saudi Arabia)

15295.9 1400 RM; PP ID, afro mx, good but hummy mod. (Wood, Saudi Ar)

NAMIBIA

3270 2350 R. Southwest Africa; AK, EZL U.S./U.K. pops, brief IO by YL at 0000, 6/16 (Parks, FL)

3295 0112 RSWA; mx from "Edelweiss" at 0123, IO at 0128, 6/13 (Robichaud, NB); 0030, EZL mx, 6/14 (Oesrosiers, MA)

NIGER

5020 0530 ORTN; sudden s/on, NA, IO by OM as "ORTN, La Voix du Sahel," nice signal at s/on, 7/5 (Sharp, FL)

NIGERIA

4770 0455 FRCN/Kaduna; EE, IO as "Channel Two," at 0500, more rock mx (Speer, CA); 0027, didn't expect to hear at this time. Odd mx, Irish jigs, rockabilly, 6/14 (Brenesal, FL); 0400, EE OM w/s/on in EE, 6/23 (Shamblin, CA); 0515, EE, local nx then TC, IO, 6/15 (A. Smith, PA)

4990 0435 FRCN/Lagos; Vern, possibly Yoruba, choral mx to lengthy tx by OM at 0446, 6/25 (Schlesinger, TX)

5965 0451 R. Plateau/Jos; EE, OM w/sermon, no IO until 0501, then mx w/OM DJ (Johnson, IL)

6025 2300 FRCN/Enugu; nx by OM, IO at 2303 as "R. Nigeria," into s/off anmts, 6/25 (O'Angelo, PA)

7255 0532 VoN; EE, OM, IO, 0540, cmtly on need for active economic planning in Nigeria, 7/2 (Thompson, CA); 0500, IO before 0500 s/on, freq and program info, then pop mx, EE OM, 7/1 (Trager, CA); 0500-0540, EE (A. Smith, PA, Halbert, CA); *19000, EE to W. Africa (Wood, Saudi Arabia)

RWANDA

21600 *1226 OW/Kigali; EE, IS, African Service IO, into world nx, commentary, //17800/17775 (O'Angelo, PA)

SENEGAL

4890 0020 R. Senegal; Afro mx, ID by OM at 0020 and at 0032, 6/9 (Hancock, AL); lcl chants, signal was good until code traffic cut in at 2353, 6/30 (Sharp, FL); 0603, FF, px anmts, IO, AA recitations, 6/15 (G. Van Horn, TX)

SEYCHELLES

9655 *1830 FEBA; IS, PP to E. Africa (Wood, Saudi Arabia)

11895 1500 FEBA; EE nx, British accent, mainly of India, //15325 (Wood, Saudi Arabia)

15200 0422 FEBA; comprehensive report on Uganda's economy and other features on "Newsbreak" in EE, 6/18 (O'Angelo, PA); 1515, EE, "All kinds of music" px, OM IO, 1545, "You're tuned to 'FEEBAH' radio in the 19 meter band." 6/11 (Mason Bair, CA)

SIERRA LEONE

5980 2239 Sierra Leone BC; EE, Western-style pop mx, YL and OM w/several ads, no QRM but much lightning and incredible fading, 6/25 (Schlesinger, TX)

SDMALI REPUBLIC

6790 0403 R. Mogadishu; AA/Vern, lcl mx w/Vern OM/YL vocals to 0405, when there were brief OM tx and IO, then into more mx, 7/4 (O. Sharp, FL); 0302, AA, didn't hear IO, so still tent, 6/20 (G. Van Horn, TX); hrd stn 7/2 around 0340 w/AA-style mx, possibly Somalia? (Oesrosiers, MA)

11637 1700 R. Hargeisa; active again, ex-7120, IO and mx (Wood, S.A.)

SOUTH AFRICA

3250 0332 R. Five; EE, relg px, OM, YL, tremendous het, 6/12 (Schlesinger, TX)

4835 0500 SABC; EE, IO, national nx, 6/30 (Speer, CA); EE, international SW svc, mx, OM nx, lcl TC, 6/29 (Preston, CA); 0420, EE, agri-journal, 6/30 (Gammie, MI)

4880 0427 SABC; Afrikaans, bird IS to 0430, IO, NA, and cock crow, first time hrd opening at this time, 6/25 (Sharp, FL); 0522, YL w/nx, 6/20 (Shamblin, CA)

6020 0157 RSA; EE, IS, "Africa Today," mention of rain falls in drought area, 6/14 (Demmitt, PA)

6160 0000 RSA; SS, LAM svc, thundering in w/mx px (Schlesinger, TX)

9585 2100 RSA; EE, nx, cmtly, "Africa Today," 6/23 (Bingham, MA)

9615 0215 RSA; EE, special report on S. African exports, into "Africa Today," 6/24 (English, TX); 0225, lcl nx (Grosvenor, CA); 0200, EE, nx and cmtly, 6/10 (Hancock, AL); 0232, EE, gene complex of the Bushmen, 6/19 (Robinson, TN); 0200, nx and cmtly, QRM de RBI, 6/24 (Klosowski, FL); 0211, cmtly on SWAPO (Scheel, IA)

15220 0641 RSA; "Media Review," editorial opinion, 6/12 (O'Angelo, PA)

0729, s/off at 0730, 7/2 (Halbert, CA)
15240 *1600 RSA; new time for DST in Europe, //new 21535 (Wood, 6/5)
25790 1455 RSA; rock mx by London Philharmonic, 6/12 (Fraser, MA)

SUDAN

11941v 0422 R. Omdurman; AA, lengthy Koran recitation, nx at 0430, mention of "Idha at Sudaniyah." 6/17 (D. Sharp, FL)
1794D 1615 V. Sudanese Revolution; AA, ID, NA, long tx by OM, possibly nx, 6/27 (Kapinos, MA)

SWAZILAND

4760 0401 TWR; AK/GG, relig choir mx, tx px, 0429*,5/16 (Tilley,CO)
7295 0505 TWR; EE, hymns, 2 OMs reading and discussing Bible, OM Reading letters from listeners and requesting letters from SWLs, 6/30 (Preston, CA)
9640 1830 TWR; EE ID, sermon, good level (Wood, Saudi Arabia)

TANZANIA

5050 1708 R. Tanzania; Swahili, OM tx, 1713, ID as "R. Tanzania Dar es Salaam," 1715, fanfare, 6/9 (Satoshi, Japan); 0310, Swahili, nat'l svc, OM tx into native pops at 0316, plenty of CW QRM but still good, 6/26 (Schlesinger, TX); 0339, Swahili, tx by OM, brief interludes of lcl mx and tribal chants, TIFC splatter, 7/3 (D. Sharp, FL)

7165 1545 RT; Swahili mx, requests for Dar-es-Salaam (Wood, S. A.)
29247h 1330 RT; EE, afro mx, 3x9749 which was also hrd (Wood, S. A.)

TOGO

5047 2320 R. Togo; highlife mx, ID at 2321, then silence, obviously having audio problems, 6/25 (Sharp, FL)

TRANSKEI

3930 0315 Capital Radio; EE, rock mx, IOs, contest, 6/29 (Kapinos, MA)

7150t 0405 Capital Radio; western pop mx into lengthy tx by OM at 0427, QRM de co-channel Russians, 6/19 (Schlesinger, TX)

TUNISIA

Tunisian Raido is now broadcasting an external svc in AA on 11745 kHz from 1900-2100. It is beamed to Western Europe and is mainly aimed at Tunisian workers abroad. The service contains a news summary following the Holy Koran recitation at the start of the xmtn. A full news bulletin follows at 2000 and a further summary at 2055. (BBCMS)

7225 0450 RTVT; AA, mx, possible ID at 0500, more AA mx, 6/16 (G. Van Horn, TX)

11745 2015 RTVT; AA, surprised to find this here with solid AA px, at 2020 went into a radio drama, 6/19 (Sharp, FL)

15225.8 1800 RTVT; Tunisian anthem, AA nx by YL, 6/13 (Wood, S. A.)

UPPER VOLTA

Upper Voltan radio quoted its director general on 6/15 as saying that the new px sked which was due to begin on 6/20 had been postponed. He regretted the inconvenience caused. The changes included a retiming of the 2000 and 2230 news bulletins, which would be broadcast at 1900 and 2200 GMT respectively, M-F. The weekend 0730 news bulletin would be retimed to 0700. The weekday 0630 and 0730 news bulletins would remain unchanged. (BBCMS)

4815 0529 R. Haute Volta; balaflon IS to 0531, NA, complete ID, fair lvi, 7/4 (Sharp, FL)

ZAIRE

15245 0312 LV du Zaire; FF, good highlife mx, OM DJ w/occasional chatter, clear ID at 0330 by OM, 6/23 (D'Angelo, PA); 0731, FF, lcl mx, OM ID, "Ici Kinshasha, La Voix du Zaire," then more mx, 6/24 (Sharp, FL)

15350 0415 LV du Zaire; FF, early morning DJ w/mx ranging from Sousa marches to Beatles, nx at 0430, 6/30 (Thunberg,PA)

ZAMBIA

4910 0342 R. Zambia; EE/vern, usual fisheagle IS, 6/24, "This strn hasn't been hrd since, wonder if 4911 xmtr was one of those retired during recent xmtr shuffle at ZBS?" (Sharp, FL)

ZIMBABWE

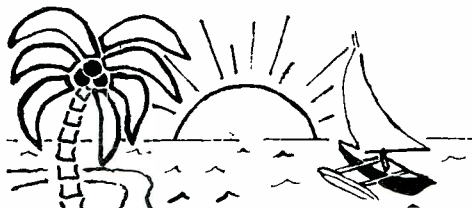
"Radio Truth": This station, which broadcasts material hostile to the government of Zimbabwe, was observed in mid June beasting its 0430 xmtn on 5015 kHz instead of 4902 kHz. The station's 1700 xmtn was hrd on 6/16 on 4902 kHz but on 6/10 was noted on 5015 kHz. (BBCMS)

See you all next month!

ASIA-OCEANIA

EDITOR:

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

Can you believe it? August is here already, and by the weather here in the South you can tell it. Highs are in the mid 90s and that is way too hot for me.

I want to thank each of you who took time out of your schedule to write and set me straight on the Vanuatu situation. 16 people wrote in to inform me that Vanuatu is the former New Hebrides Islands. Thanks very much to the SPEEDXers who sent in the info. This goes to show that I can count on the membership when I need you.

GRIPPE DEPARTMENT !!!!!!!

A large number of loggings were trashed this month because they were what I refer to as "one liners". I don't mean that all the info was 'nt on them. They are loggings that are only $\frac{1}{4}$ " or less in width. Loggings such as this are next to impossible to keep up with in a format that I must use to sort all of them. Please don't cut your loggings any smaller than $\frac{3}{4}$ ". It also helps if they are a full $8\frac{1}{2}$ " long. Try to picture 800 loggings in a pile on your desk. Then try in your mind to separate all of them into separate countries. Now don't you see what I'm referring to.

B U R M A Burma Bosting Ser
5985 1431 BBS: EE-Pop mx pgm, OM W/ID & Nx.(343 6/20 Sato-Japan)

I N D I A All India Radio
11620 2015 AIR: EE-Indian mx pgm, OM w/ID.(333 6/20 Famularo-NJ)

I N D O N E S I A RRI Jakarta
3277t 1150 RRI Jakarta: ID+Pop mx pgm, // 4774.(fair 6/13 Sheedy-CA)
4606 1045 RRI Serui: ID-Mx pgm of US pops, ID & Nx.(6/22 Murff-NM)
4753 1028 RRI Ujung: ID-OM w/ID, then into talks.(fair 6/9 Parks-FL)
4775 1100 RRI Jakarta: ID-YL w/western pop mx, & ID.(322 6/11 Tanaka-Japan)(Murff-NM)
9612 0951 RRI Jayapura: ID-OM reading messages, mx pgm.(good 6/21 Sheedy
11790 1356 Voice of Indonesia: AA&EE-Arabic talk & mx, ID, EE ID @ 1400.
(444 6/21 Van Horn-TX)(Speer-CA)

I R A N VOIRI
9022 2005 VOIRI: EE-Talk on Islamic revolution.(322 6/28 Kapinos-MA)
11735 2030 VOIRI: EE-ID, freqs & target areas.(6/11 Wood-Saudi Arabia)
15084 0020 VOIRI: FA-OM w/talks, choral mx.(243 6/28 Preston-CA)(Traver-CA)(Desrosiers-MA)(Ulmer-LA)(Shamblin-CA)

I R A Q R. Baghdad
21585 0236 RB: EE-OM w/nx pgm, mx pgm & ID at 0241.(422 6/19 Berri-CA)
(322 6/27 Talbot-WI)

I S R A E L Kol Israel
7410 0000 KI: EE-Nx pgm, & the Spectrum pgm.(544 7/5 Spremo-NY)(Addison
9815 0000 KI: EE-Nx pgm & cmtry, the DX Corner.(544 6/13 Demmitt-PA)
(Stanley-AZ)(Shamblin-CA)(Bradley-MA)(McDowell-IL)(Taylor-MO)+6
9895 0000 KI: EE-OM w/ID & YL w/nx pgm/(434 6/22 Langlois-GA)
11640 2240 KI: EE-a station ID.(333 Karns-OH)
11655 2000 KI: EE-Nx, "Calling All Listeners"(454 6/12 Fraser-MA)(Addison
-KS)(Stanley-AZ)
13745 2000 KI: EE-Nx pgm in LSB mode.(232 7/1 Zilmer-NM)
15585 2230 KI: EE-Nx pgm, cmtry on medical care.(353 6/25 Pacetti-CO)
(Wimmers-VA)(Palmer-WA)

I S R A E L (continued)
17585 1805 KI: EE-YL w/nx pgm, & ID.(333 6/21 Arland-UK)
17630 1100 KI: EE-Nx pgm, disc on doctors strike.(333 6/25 Demmitt-PA)
(252 7/1 Zilmer-NM)(Arland-UK)

J A P A N R.Japan
9505 1705 RJ: EE-Wld nx, ID, talk on economy.(343 6/14 Ryeder-FL)(Cox-CA)(Blanchette-FL)
9635 1100 RJ: EE-Nx pgm beamed to Asia.(333 7/2 Zilmer-NM)
9595 1103 NSB: JJ-YL w/nx pgm, ads, & ID.(fair 6/18 Parks-FL)
11705 1103 RJ: AA-OM w/nx pgm, ment of Arafat.(poor 6/19 Sharpe-CA)
11950 1035 RJ: PP-Talk on secondary schools.(353 6/29 Mahoney-FL)
15300 0500 RJ: EE-Nx pgm, talk on Soviet influence in Asia.(343 6/24 English-TX)(McDowell-IL)(Piatelli-CA)
15410 2015 RJ: EE-Nx pgm, OM w/economic editorial.(312 6/24 Arland-UK)
17755 0301 RJ: EE-Nx, mx, ID, &"Current Tpoics"(222 6/27 Gammie-MI)(Grosvenor-CA)(Stanley-AZ)(Ryeder-FL)(Addison-KS)(Greenwald-WY)
17810 0523 RJ: EE-OM talks about family relationships.(343 7/5 Traver-CA)
17825 0130 RJ: EE-IS, ID, Nx pgm, & cmtry.(343 6/18 Stanley-AZ)
21610 0130 RJ: EE-Nx pgm, mx, the "Lets Learn Japanese" lang pgm.(good 7/1 Sharpe-CA)(Pacetti-CO)
21640 0139 RJ: EE-OM w/nx pgm, // 21610.(253 7/6 Scheel-IA)(Mahoney-FL)

K A M P U C H E A Voice of Kampuchea
11675t 0115 VOK: ??-OM & YL w/talks, oriental mx, and mentions of Kampuchea.(433 6/21 Lord-CA)

K O R E A (North) R.Pyongyang
6540 1347 RP: JJ-OM & YL w/talks, & mx.(fair 6/20 Sharpe-CA)
9560 1429 RP: SS-OM w/talks on Communism.(good 6/20 Sharpe-CA)
9700 1105 RP: SS-ID at 1119, // 9560.(exc 6/21 Sheedy-CA)(Berri-CA)
9745 1100 RP: EE-Nx pgm & cmtry.(343 7/2 Zilmer-NM)
9977 1145 RP: EE-YL w/cmtry on Socialism.(544 6/15 Berri-CA)
11860 1438 RP: EE-Talk on the Great Leader (John T.) and singing.(222 6/28 Grenier-CA)

K O R E A (South) R.Korea
9570 1157 RK: EE-OM w?freqs & ID.(444 6/15 Berri-CA)(Zilmer-NM)
9750 *1400 RK: EE-OM w/ID, nx pgm, freqs & sked.(333 6/15 Ryeder-FL)(433 6/27 Grenier-CA)
11810 0530 RK: EE-OM & YL w/nx, talk on families being united for the 1st time.(222 7/5 Traver-CA)
15575 1410 RK: EE-Pgm on new Korean technology.(333 6/11 Drollinger-WI)(555 Hull-WA)(222 Cadorette-MA)

K U W A I T R.Kuwait
11675 1815 RK: EE-Rock mx, list of all night pharmacies. (343 6/23 Kapinos-MA)(Robichaud-NB) Just what we need to know, which drug stores are open all night in Kuwait. While some topics you hear on SW are not especially newsworthy most are interesting, amusing, or informative. What is the most amusing topic you have heard discussed on SW?tml
15495 0315 RK: AA-Long AA chanting.(333 7/1 Hull-WA)

L A O S
4658 1155 NR-Houa Phan: LA-Mellow local song, YL w/monotonous talk.(222 6/21 Sato-Japan)

L E B A N O N R.Lebanon
11955 0230 RL: EE-ID, nx pgm on govt appointments.(444 6/14 Stiner-NY)(Kapinos-MA)Talbot-WI)

M A L A Y S I A R.Malaysia
4950 1140 RTM Sarawak: EE-YL & OM w/talk on Malaysian history.(222 6/22 Hotaling-NV)
5030 1235 RM: BY-Nx pgm on Reagan, ID.(444 6/21 Sato-Japan)
7160 1330 RM: EE-Pgm of regional nx, mx.(poor 6/20 Sharpe-CA)
7295 *1220 RM: EE-Malaysian pop & rel songs.(fair 6/14 Sharpe-CA)

You may have noticed that I left out China on the 1st page. If we have room I'll include it at the end. It's difficult to tell how much room will be left when I begin the column.

N E P A L R.Nepal
 9590 1434 RN: EE-YL w/local mx pgm, ID & nx.(433 6/18 Sato-Japan)

O M A N BBC Relay
 7160 0352 BBC: EE-Interviews, ID, wld nx,(434 6/16 Gayle Van Horn-TX)
 (433 Brewer-??)(Talbot-WI)

P A K I S T A N R.Pakistan
 15515 1722 RP: EE-Mx pgm, QRM from DW.(323 6/11 Bair-Can)
 17640 1600 RP: EE-Nx pgm by YL.(354 Card-RI)(Wood-Saudi Arabia)
 17660 1100 RP: EE-OM w/nx pgm, // 21800.(354 Card-RI)
 17840 0236 RP: EE-Nx pgm w/sentences read slowly then repeated, ID.(433
 6/6 Drollinger-WI)
 21540 0235 RP: EE-Pgm of nx. New freq? (352 7/7 Mahoney-FL)
 21585 0230 RP: EE-Slow speed nx pgm. (433 Soomre-MA)
 21800 1105 RP: EE-YL w/nx pgm, talk on exports of pig iron.(333 6/24
 Arland-UK)

P H I L I P P I N E S VOA FEBC
 6110 *1058 VOA: EE-OM w/nx pgm, IS, ID.(poor 6/30 Parks-FL)
 9578 0830 FEBC: EE-Mx pgm, OM w/ID as "This is the Maharik Bcsting System
 Radio Philippines, Voice of the Philippines on 9580 khz.(333
 Kosugida-Japan)
 11890 0930 FEBC: EE-OM w/nx pgm, then a religious pgm.(222 6/1 Cox-CA)
 (333 Ryeder-FL)(343 Famularo-NJ)(333 Shamblin-CA)
 11955 1416 R.Veritas: TA/EE-OM w/talksm vocal mx, EE ID.(343 6/13
 Thompson-CA)(444 Speer-CA)(323 Bair-Can)
 15160 1100 VOA: EE-Nx pgm, talk about Japan not restricting auto imports
 to the US.(232 7/1 Soomre-MA)

Q A T A R Qatar Bcsting Service
 15395 0300 QBS: AA-Talks, AA ID.(232 7/6 Mahoney-FL)
 17910 1957 QBS: AA-Slow AA mx, ID, nx pgm at 2000.(343 6/27 Thunberg-PA)
 (454 Card-RI)(353 Traver-Spain)

S A U D I A R A B I A BSKSA
 15060 0455 BSKSA: TK-Arabic mx, talks & ID, anthem, & nx,(434 6/17 Gayle
 Van Horn-TX)

S I N G A P O R E R.Singapore BBC Relay
 9740 1600 BBC: EE-Wld nx pgm, cmtry on common market.(322 6/19 Soomre-
 MA)(6/29 Witte-CA)
 11940 1438 RS: EE-Rock mx, freqs, nx pgm at 1500.(433 6/27 Speer-CA)
 (323 6/21 Gayle Van Horn-TX)(343 Thompson-CA)

S R I L A N K A SLBS
 11835 SLBS: EE-Nx pgm, talk on local govt.(322 7/1 Soomre-MA)(D'Angelo-PA
 15120 1115 SLBS: EE-OM w/sermon, mx pgm, & ID.(322 6/11 Tanaka-Japan)
 (454 6/12 Sato-Japan)
 15425 0115 SLBC: EE-Disco pop mx, ID.(222 7/6 Mahoney-FL)

T U R K E Y Voice of Turkey
 11740 0320 VOT: EE-"Strolling Thru Anatolia" a talk on animals.(444 6/15
 Ulmer-LA)(544 Spremo-NY)(544 Hesch-NY)(544 Hancock-AL)(241
 Pacetti-CO)
 15435t 0430 VOT: TK-Mid east sounding mx, OM w/nx pgm. (poor 6/26 Sharpe-
 CA)

U N I T E D A R A B E M I R A T E S UAE Radio
 11940 0345 UAE: SS/EE-Nx pgm & talks.(353 Moore-TX)
 15300 1642 UAE: EE-OM/YL w/"Wide World of Arabic Music"(454 6/11 Bair-CAN
 15320 1630 UAE: EE-OM & YL w/Mid East nx pgm.(212 6/27 Trager-CA)(333 6/7
 Greenwald-WY)
 15435 0339 UAE: EE-Wx forecast w/talk on the expected 100 degrees F temp,
 nx pgm, address.(444 6/21 Famularo-NJ)(343 Blanchette-FL)
 17775 0339 UAE: EE-Nx headlines, ID.(322 6/19 Hill-SC)(Pacetti-CO)
 21655 1640 UAE: EE-Nx pgm, YL w/weather report, ID.(343 6/2 Schulsinger-
 OH)(444 Drollinger-WI)(354 Spremo-NY)(322 Cadorette-MA)

Not quite enough room to start Vietnam so look on the next page please....

THE FIRST SPEEDX SURVEY -- ANALYSIS

Three hundred and eighty four intrepid SPEEDXers responded to the first SPEEDX survey, which was submitted to the membership in January 1982. On the following page there are four tables summarizing the major findings of the survey.

READERSHIP -- We found that, on average, people more often read Tips and Topics and SWBC than other columns. People in the age group 25-29 were most likely to always read T&T (mean score 2.85 (for an explanation of the mean score see the table on the next page); people 20-24 were most likely to read SWBC, with a perfect score of 3. The lowest scores were garnered by QSL Reports, which had a total mean score of 1.07 (among those 65 and over the score was 0.09), and also by Utility Scene, with a total mean score of 0.88 (among those 20-24 its score was 0.09). However, among those interested in utility DXing, the column generated a mean score of 2.66; among those interested in QSLing, the mean score of QSL Reports was 2.29. Both groups are loyal to their columns. Among full vs. associate members, the associate members generally echoed the results among the total sample, while the full members read SWBC most faithfully of all, with T&T second.

AGE -- The ages of SPEEDXers, of course, vary widely. The bulk of SPEEDXers are in the 30-64 age group -- the average SPEEDXer is close to 38 years old. An interesting fact emerges when we compare the mean ages for those interested in SW, uteas, and QSLs. The average age of the person interested in SW is about 37½ years; the mean age of the ute DXer is about 38 years. However, the average age of the QSL chaser is a little over 33 years -- almost 5 years younger than the average SPEEDXer. I compare this with my own experience -- when I was younger, I was a very eager QSL hound; now that I am older, I am less interested in QSLs and report very rarely.

DX INTERESTS -- Shortwave listening, of course, swept the field, with 94% of the sample checking it off as an interest. All the other categories garnered less than 50% of the sample: QSLs, 49%; Utilities, 47%; Mediumwave, 38%; Ham radio, 27%; VHF/FM/TV DX, 20%; VHF Monitoring, 3%; All types of DX, 1%. Most interestingly, 1% said they had no interest in any form of DXing. Well, we like them anyway! (hi!)

COMMENTS ON SPEEDX -- This open-ended question, with no expected answers, produced answers all over the lot. Some of the questions in our next survey will try to pinpoint trends revealed in the comments we got in the first survey. We are pleased to note that 18% feel that SPEEDX is a fine publication (of course, we know that all of you feel that way, hi!). Eleven percent of you feel that the magazine is fine as it is. Insofar as additions to the bulletin are concerned, 19% want more technical material (receiver reviews, antenna reviews, and the like); 6% want more utility material. As for negative comments, 7% want better typing quality or larger print (among older SPEEDXers, this figure rises to 14%). Four percent don't like material on elitism or controversy in the bulletin. Interestingly enough, fewer people reported that they liked listing reports by country in SWBC columns than said they wanted reports listed by frequency (as NASWA does it) -- the figures were 2%-5% country-frequency.

The above are the most important results of the SPEEDX survey. You will see some of these results guiding the club in its future course -- indeed, some of the results have already or will shortly be put into practice (e.g., moving Tips and Topics to the front of the bulletin and putting it next to Technical Topics and Program Panorama).

We hope that this short synopsis of the results, and the tables on the next page, will help you understand what this survey was about and what it achieved. We also hope that it will encourage you to reply to the second SPEEDX survey. We are interested in your opinions about SPEEDX and the SPEEDXGRAM. We also want to get an even finer picture of SPEEDXers in general. Within a few months, another survey will be included in the bulletin -- we hope that you will fill it out and mail it in, so that your voice will be heard.

SOME RANDOM NOTES -- Utility people seem to be more committed to the hobby than others: while only 20% of total respondents were VHF listeners, 30% of utility DXers were. While 27% of total respondents are interested in ham radio, 39% of utility DXers are. Good for you! The mean age of full members is about 36; the mean age of associate members is almost 39. I guess this means we get less active as we get older. While only 2% of full members answering wanted reports listed in loggings by frequency, 7% of associate members did. If the figures can be trusted, as we get toward middle age we get more interested in technical material (up to 25% of those 40-64); we seem to lose this interest as we get toward retirement and that condo in Florida. If we discount SWBC, the most popular DXing interest by age is: Under 25: QSLs (78%/69% for the two groups); 25-29: QSLs are tied with utility DXing (53% each); 30-39 is back to QSLs (53%); those 40-64 go strongly for utility DXing (51%); and those over 65 seem to like amateur radio best (37% in a close field).

The above report is respectfully submitted to the membership of SPEEDX by the Board of Directors and by Chris Hansen, the Vice President of SPEEDX and Research Manager.

Christina P. Hansen

PRESENTATION TABLES - SPEEDX SURVEY

	Total	Age						Interests			Member Status		
		-19	20-24	25-29	30-39	40-64	65+	SW	Utes	QSLs	Full	Asso.	
Base: Total													
Respondents:	(384)	(36)	(35)	(59)	(115)	(102)	(35)	(360)	(180)	(188)	(140)	(234)	

COLUMN READERSHIP -- SUMMARY OF MEAN SCORES (If the respondent read the column always, he was given a score of 3 for that column; if he read it sometimes, he was given a score of 0 for that column, and if he never read it, he was given a score of -3. The numbers below, if compared to the scale of -3 to 3, will give some idea of the general readership of the columns)

Tips and Topics...	2.59	2.58	2.40	2.85	2.49	2.58	2.66	2.58	2.61	2.52	2.64	2.55
SWBC.....	2.43	2.75	3.00	2.49	2.41	2.15	2.29	2.49	2.33	2.79	2.76	2.24
Technical Topics..	2.31	1.58	2.31	2.59	2.25	2.41	2.40	2.29	2.54	2.01	2.21	2.40
Keynotes.....	2.31	2.58	2.14	2.59	2.25	2.15	2.31	2.34	2.28	2.38	2.53	2.19
Contributors Page.	2.23	2.17	2.14	2.39	2.17	2.23	2.31	2.25	2.39	2.28	2.33	2.17
Station Schedules.	1.94	2.14	2.06	2.08	1.84	1.82	2.12	2.01	1.69	2.12	2.03	1.86
Program Panorama..	1.73	1.67	1.71	1.68	1.66	1.71	2.12	1.74	1.43	1.85	1.56	1.79
QSL Reports.....	1.07	1.83	1.94	1.42	1.23	.45	.09	1.12	.83	2.29	1.70	.72
Utilities.....	.88	.67	.09	1.40	1.07	.88	.35	.81	2.66	.71	.89	.89

AGE	%	%	%	%	%	%	%	%	%	%	%	%
Under 19	9	100	-	-	-	-	-	10	8	15	10	9
20-24	9	-	100	-	-	-	-	10	7	13	12	8
25-29	15	-	-	100	-	-	-	15	17	16	19	14
30-39	30	-	-	-	100	-	-	30	33	32	30	29
40-64	27	-	-	-	-	100	-	26	29	18	20	30
65 or over	9	-	-	-	-	-	100	9	7	5	9	9
Mean age	37.92							37.58	38.02	33.16	36.04	38.77

DXING INTERESTS

Shortwave	94	97	100	93	95	92	91	100	94	99	94	94
QSL Card Collecting	49	78	69	53	53	33	29	52	47	100	62	41
Utility DXing	47	39	34	53	51	51	34	47	100	45	44	48
Mediumwave	38	53	63	41	37	27	29	40	41	43	36	40
Amateur Radio	27	28	17	36	22	26	37	28	39	24	24	28
VHF/FM/TV DXing	20	31	14	31	23	15	9	21	30	23	17	22
VHF Monitoring	3	-	-	3	4	4	3	3	4	2	2	4
None	1	-	-	-	-	1	3	-	-	-	-	1
All	1	3	-	2	1	1	-	-	-	-	3	*

COMMENTS ON SPEEDX

Base: Those offering an answer	(305)	(30)	(28)	(46)	(90)	(87)	(22)	(288)	(144)	(150)	(114)	(183)
	%	%	%	%	%	%	%	%	%	%	%	%
SPEEDX is a fine/superior/excellent DX publication	18	17	25	26	12	16	18	18	15	21	18	18
Magazine is fine as it is/cannot think of any improvements	11	13	11	11	12	13	5	11	10	13	15	9
Want more technical material	19	13	11	15	20	25	18	19	20	12	17	21
Want more ute material	6	3	7	4	7	5	9	6	9	4	5	6
Want better typing quality/larger print	7	-	-	4	9	8	14	6	7	5	5	6
Don't like material on 'elitism'	4	-	4	7	3	5	-	4	5	4	4	3
Like listing of reports by country	2	-	4	2	1	2	-	2	1	1	2	2
Want reports listed by frequency	5	7	-	4	6	6	9	5	6	3	2	7

SECOND ANNUAL SPEEDX QUESTIONNAIRE

The results of the first SPEEDX questionnaire have already been detailed in the bulletin. We thank you for the excellent response. You have helped make SPEEDX better. This questionnaire expands somewhat on the previous one, and we submit it to you in the hope that you will be as generous in your response as before. As in the first survey, each SPEEDXer who identifies him/herself will receive two membership credits toward full membership in SPEEDX. It goes without saying that all replies will be kept confidential. When you have answered all the questions, please send the questionnaire to:

CHRIS HANSEN; P.O. BOX 1226, MADISON SQUARE STATION; NEW YORK, NY 10159

Thanks in advance for your cooperation with the Board in replying.

 ***** FOR OFFICE USE ONLY: *****
 NAME: _____
 ADDRESS: _____ ID: _____ 1-2-3-4 5-1
 RECEIVERS OWNED: _____ MS: F (6(____-1 A ____-2
 OTHER EQUIPMENT: _____ (7-8) (9-10) (11-12)

1. If you had a choice between expanding SPEEDX by 8 pages every month, or expanding SPEEDX by 12 to 20 pages every three months, which would you choose -- a smaller expansion every month, or a larger expansion every three months? (PLACE AN "X" ON THE LINE NEXT TO YOUR CHOICE BELOW)

8-page expansion every month.....(1) 12-20 page expansion every 3 months.__(2)

2. Below is a list of columns that could be added to SPEEDX. Which one or two of the columns below would you wish to add to SPEEDX if it were expanded? If you would rather expand the present columns, check just that line; if you would like to add other columns than those we have listed, you may do so on the line provided.

Time index.....-1 (21) Other column (PLEASE SPECIFY BELOW)
 Propagation column.....-2
 Novice SWL column.....-3
 Mediumwave column.....-4
 Rather expand present columns.....-5 (22)

Turning now to a different subject -- as many of you know, the SPEEDXGRAM is a four-page supplement to the regular SPEEDX bulletin. It is designed to meet the needs of the serious and active DXer who wants the latest information as soon as possible. It is published in the middle of each month.

3. Have you been, or are you now a subscriber to the SPEEDXGRAM?

Yes, I am now a subscriber.....(23) ____-1
 Yes, I subscribed in the past but do not subscribe now.....-2
 No, I have never been a subscriber.....-3

4. Whether you have subscribed to the SPEEDXGRAM or not, we would like your comments on it. Is it worth the extra money to receive up-to-date DX information? Can the SPEEDXGRAM be improved? Please write any comments you may have in the space below.

_____(24)
 _____(25)
 _____(26)
 _____(27)

5. As you may know, other DX publications list their loggings in frequency order; SPEEDX lists them in country order by continent. Please read the choices below and check the line which most indicates your feelings on how loggings ought to be listed.

Loggings ought to be listed by country, not by frequency.....(28) ____-1
 Loggings ought to be listed by frequency, not by country.....-2
 Loggings ought to be listed in another way (PLEASE SPECIFY BELOW)-3

I have no feelings on the matter one way or another.....-4

6. There are, of course, many other DX clubs besides SPEEDX. In addition, there are magazines available which cover the DX scene. Please place a check or an "X" on the line next to each club to which you belong or each publication you receive.

- American Shortwave Listeners Club (ASWLC).....(29) _____ -1
- Longwave Club of America..... _____ -2
- National Radio Club..... _____ -3
- International Radio Club of America..... _____ -4
- North America Shortwave Association (pub. FRENDEX). _____ -5
- Radio Communications Monitoring Association..... _____ -6
- Association of DX Listeners (formerly NNRC)..... _____ -7
- Worldwide TV-FM DX Association..... _____ -8
- Handicapped Aid Association..... _____ -9
- Others (PLEASE SPECIFY BELOW AND AT LEFT) _____

_____ (30) _____

Publications Received:

- Review of International Broadcasting (RIB)....(31) _____ -1
- Computers and Electronics (Popular Electronics)... _____ -2
- Other..... _____ -3

The following questions are for classification purposes only -- the answers you give will be used to separate SPEEDXers into categories for analysis of the answers.

7. Please circle the number next to the age group in which you belong.
- Under 19.....(32)... 1
 - 20 - 24..... 2
 - 25 - 29..... 3
 - 30 - 39..... 4
 - 40 - 49..... 5
 - 50 - 59..... 6
 - 60 - 64..... 7
 - 65 or over..... 8

8. Please circle the numbers below next to each of the types of DXing you are interested in.

- Shortwave broadcast.....(33)... 1
- Utility DXing..... 2
- QSL card collecting..... 3
- Mediumwave DXing..... 4
- Amateur radio..... 5
- VHF/FM/TV DXing..... 6
- VHF utility monitoring..... 7
- Aircraft monitoring..... 8
- Longwave..... 9
- Pennant collecting.....(34).. 1
- Subscription TV/Satellite/
Microwave DXing..... 2
- Clandestine/"Pirate" BC..... 3
- Radio souvenir collecting..... 4
- Citizen's band..... 5
- All..... 6
- None..... 7
- Other (PLEASE SPECIFY BELOW)

9. Since what year have you been interested actively in the radio listening hobby? Please write in the last two digits of year below:

19 _____ (35-36)

10. Please write in the space below the type of work you do now (e.g., student, teacher, retired, computer programmer, or whatever).

_____ (37)
_____ (38)

11. How would you categorize the amount of time you spend actively pursuing this hobby. Would you say that you spend a great deal of time at it (more than 10 hours per week), a moderate amount of time (5-9 hours per week) or a small amount of time (under 5 hours per week) pursuing this hobby?

- Great amount of time.....(39) 1
- Moderate amount of time..... 2
- Small amount of time..... 3

12. Below are listed some DX programs available on shortwave. Please circle the number next to each program that you listen to regularly.

- RCI - SW Listener's Digest.....(40) 1
- Glenn Hauser - World of Radio..... 2
- HCJB - DX Party Line..... 3
- Sweden Calling DXers..... 4
- Radio Netherland's Media Network..... 5
- Swiss Shortwave Merry-go-Round..... 6
- Others (PLEASE SPECIFY BELOW)

13. Finally, would you write your Zipcode below? If you are not a U.S. resident, please write your country/province below.

_____ 45-46-47-48-49

Thank you very much for helping us to make a better SPEEDX. When you have finished, please put this survey in an envelope and mail it to:

CHRIS HANSEN; P.O. BOX 1226, MADISON SQUARE STATION; NEW YORK, NY 10159

Remember that to receive your two membership credits you must write your name in the space on the front page. Thanks again -- THE BOARD OF DIRECTORS OF SPEEDX

V I E T N A M Voice of Vietnam

6624 1210 VOV: VT-Mx pgm YL w/annc, clear ID.(433 6/21 Sato-Japan
 10040 1424 VOV: VT-YL w/talks & poo mx pgm.(222 6/28 Grenier-CA)(322
 Arland-UK)
 15010 2040 VOV: EE-Folk songs, disc about mx, pgm sked.(433 Timofeev-
 West Germany)(433 Arland-UK)(343 Hull-WA)(444 Traver-Morocco)
 (Bair-Can)(Trent-AK)(Drollinger-WI)

U S S R Asia Section

11690 1530 R.Stantsiya: RR-YL w/ID, OM w/nx & talks.(good 6/24 Sharpe-CA
 11870 1725 R.Peace & Progress: CC-// to 11860 11715 9785 9735.(Palmer-WA
 11990 1715 R.Mayak: RR-pgming from Mayak.(444 6/30 Palmer-WA)
 12030 0645 R.Moscow via Khabarovsk: EE-Talk on impact of economic ties
 with Soviet Union.(fair 7/2 Sharpe-CA)(333 Palmer-WA)

***** O C E A N I A *****

A U S T R A L I A R.Australia

4920 0706 VI4M: EE-Classical waltz mx.(224 Halbert-CA)
 6035 1612 RA: EE-the Spectrum DX pgm.(Wood-Saudi Arabia)
 6060 1330 RA: EE-OM w/"Music Showcase", nx pgm.(444 6/5 Cox-CA)
 6090 0743 VL16: EE-"Roundabout" w/an interview w/Alan Kay.(433 Halbert-
 9570 0635 RA: EE-Jazz & EZL mx pgm.(433 6/23 Arland-UK)
 9580 1208 RA: EE-Wld nx pgm, ID, cmtry on PLO.(454 6/20 Hesch-NY)(444
 Kerrigan-IL)(554 6/13 Demmitt-PA)(FraserOMA)(Hill-SC)
 9610 1220 VLW9: EE-Mx of the 20s & 30s.(333 6/8 Drollinger-WI)(343
 Mahoney-FL)(Demmitt-PA)(Thunberg-PA)
 9680 0846 VLR9: EE-OM w/talk on a new book in Australia.(233 6/19
 Shamblin-CA)(Drollinger-WI)
 11800 1132 RA: EE-"Sports Round-Up w/tennis, cricket.(444 6/11 Tanaka-Ja
 15115 0800 RA: EE-Inventor of Geodetic dome dies.(555 7/2 Trent-AK)(555
 Shamblin-CA)(454 Blanchette-FL)(Sharpe-CA)
 15120 0705 RA: EE-// to 15115.(222 7/7 Lucas-CA)
 15160 0605 RA: EE-Nx on guerilla warfare.(222 6/17 Casavant-QUE)(433
 Traver-CA)(545 Shamblin-CA)
 15310 0500 RA: EE-Wld nx pgm, ID & time.(555 6/12 Karns-OH)
 15320 0415 RA: EE-pgm of western country mx.(343 6/20 Lord-CA)
 15425 0532 6WF: EE-OM w/pgm of nx, YL w/ID, & mx.(233 6/30 Preston-CA)
 (434 Drollinger-WI)(Moore-TX)(Gayle Van Horn-TX)
 17795 0200 RA: EE-"Midway" talk on no utinsel fish cooking.(444 6/23
 Hancock-AL)(Preston-CA)(Piatelli-CA)(Stiner-NY)(Cadorette-MA)
 17870 0710 RA: EE-QRM & slop from nearby jammer, and a RA jingle.(323
 7/2 Halbert-CA)
 21525 0435 RA: EE-Band mx pgm, & OM w/ID.(252 6/24 Famularo-CA)
 21680 0810 RA: EE-"Specrum w/Dick Speakman.(343 6/19 Sato-Japan)
 21740 0630 RA: EE-Bill Belchers Band Bazarr.(555 6/17 MacGibbon-OR)(353
 Stanley-AZ)(Ryeder-FL)(Hill-SC)(Schell-IA)(Mahoney-FL)

C O O K I S L A N D S R.Cook Islands

11760 0657 RCI: EE-Pop mx, R.Australia nx.(232 7/3 Mahoney-FL)

M A R I A N A I S L A N D S KYOI

9670 1620 KYOI: EE/JJ-ID as "Super Rock KYOI", ads, & mx.(544 6/15 Berri
 11840 0945 KTWR: EE-Mx pgm, bible reading from Psalms.(444 6/22 Ryeder-FL
 (343 6/24 Soomer-MA)
 11900 1416 KYOI: EE/JJ-Mx pgm w/YL, JJ anncnts.(343 6/25 WhiteOKS)(222
 McDowell-IL)(Blanchette-FL)(Gayle Van Horn-TX)(Grenier-CA)(
 15190 0500 KYOI: EE-Nx pgm, cntry & west mx pgm.(434 6/18 Keenan-CA)(333
 Tilly-CO)(444 Halbert-CA)(252 Taylor-MO)

N E W Z E A L A N D R.New Zealand

11960 0557 RNZ: Moari/EE-OM w/nx pgm, EE ID. the Ckeckpoint pgm.(544
 6/14 Thompson-CA)(MacGibbon-OR)(Drollinger-WI)(Card-RI) + 5
 15485 0340 RNZ: EE-Mx pgm, ID, wx report.(444 6/10 Ryeder-FL)(Karns-OH)(
 Piatelli-CA)(White-KS)(Card-RI)(Cadorette-MA)(Kapinos-MA) + 7
 17705 0310 RNZ: EE-Talk on church vs govt on services to people.(323 6/16
 Tilly-CO)(Hill-SC)(Hancock-AL)(Halbert-CA)(Scheel-IA) + 9

N E W C A L E D O N I A R.Noumea

7170 0615 RN: FF-So sea Island mx w/OM anncr.(333 6/11 Witte-CA)(
 (232 6/17 Thompson-CA)(454 6/11 Card-RI)

P A P U A N E W G U I N E A (too long to list)
 2340 1107 R.West New Britain: ??-Nx pgm, fanfare ID.(322 6/8 Murff-NM)
 2376 1136 R.Chimbu: PD-Local style mx.(222 6/15 Murff-NM)
 2450 1145 R.Western Highlands: Pd/EE-Pop mx pgm, ID.(333 6/15 Murff-NM)
 3322 1019 R.North Solomons: PD-Cntry pop mx pgm.(422 6/16 Brenesal-FL)
 3335 1136 R.East Sepik: Vern-OM w/talks, YL w/mx pgm.(242 6/6 Satoshi-Ja)
 3905 1143 R.New Ireland: EE-Pop mx, mentions of R.New Ireland.(323 6/21 Gayle Van Horn-TX)(544 Murff-NM)(222 Brenesal-FL)
 3945 1030 Radio one: EE/PD-Pop mx pgm.(433 6/8 Murff-NM)
 4890 0855 National Bcsting Comm: EE-Mx pgm, OM w/talks.(242 6/5 Forsman -CA)(323 Gayle Van Horn-TX)

S O C I E T Y I S L A N D S R.Tahiti
 6135 0740 RT: FF-Mx & call in pgm.(423 7/2 Halbert-CA)(342 Thompson-CA) (6/22 Murff-NM)
 9750 0700 RT: FF-// to 11825 w/rock mx.(454 6/5 Card-RI)
 11825 0730 RT: FF-OM w/talks, island mx pgm.(333 6/21 Hotaling-NV)(353 Stanley-AZ)(444 Brewer-AR)(333 Traver-CA)(D'Angelo-PA)
 11865 0300 RT: FF-French rock & roll mx.(555 6/5 Card-RI)
 15170 0240 RT: FF-OM w/mx pgm, phone requests.(344 6/16 Hosmer-MI)(444 Card-RI)(434 Gayle Van Horn-TX)(323 Tilley-CO)(433 Hill-SC) 353 Traver-CA)(534 White-KS)(444 Drollinger-WI)

S O L O M O N I S L A N D S SIBC
 5020 0709 SIBC: EE-"This Is Sports Log".(433 6/20 Kosugida-Japan)(344 Halbert-CA)
 5030 0926 SIBC: EE-OM w/talks, ad, & mx.(433 Kosugida-Japan)
 9545 0700 SIBC: EE-YL w/wx report, ID.(333 Johnson-IL)(322 Hotaling-NV) (444 6/24 Card-RI)

V A N U A T U R.Vanuatu
 7260 0831 RV: FF-Talk & mx pgm, ID @ 0831.(211 7/6 Halbert-CA)323 Shamblin-CA)(211 Mahoney-FL)

CLANDESTINES
 4120 1410 Voice of Revolutionary Party for Reunification: EEYL w/the usual "Our Great Leader" stuff.(454 6/20 Sato-Japan)
 11675 *1300 Voice of Democratic Kampuchea: CB-YL w/opening annc & mx, OM w/instru mx pgm.(433 6/18 Sato-Japan)
 14994 1700 UN-ID to Iran satires on Khomeini and the Iran-Iraq war. Funny songs and mentions of Kremlin.(Wood-Saudi Arabia)

***** W B I N E W S *****

IRAN
 A station broadcasting in Persian and calling itself "Radio Salvation of Iran" heard on June 23 on 9032 khz. It is on daily from 1830-1925 and 0305-0400. Material broadcast is hostile to Khomeyni and the Iranian govt. A similar station called R.Homeland is on 15555 & 9027 from 0330-0430.

LEBANON
 Look for the Voice of Arab Lebanon on 6233 khz. No time given
 MONGOLIA
 Here is a new freq for R.Ulan Bator 9575 from 1255-1520. It is in // with 12070.

JAPAN
 Did anyone receive the test transmissions from Gabon in Africa for R. Japan. They occurred July 4th, 5th, 7th, & 8th at 0700-0730 on 17825, 1000-1030 on 15445, & 1725-1755 on 21485.

The above is courtesy of the World Broadcast Information Service.

Again let me say thanks to each of you who wrote to fill me in on the Vanuatu situation. I know that I can count on the membership when I need you for something.

Depending on where you are in the world try to keep cool/warm and I'll see you in September.

73s and the Best,

Jerry

WORLD SERVICE STATION SKEDS

PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

Editor:
CHRIS LOBDELL
P.O. Box 146
Stoneham, MA 02180

Deadline: 12th

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

Hello everyone! I certainly hope that you're all enjoying the super summer weather. Up here in New England this season has been one of the best in recent history. Day after day of hot and sunny skies!

August marks the last full month of the J83 broadcasting period with the S83 period starting on the first Sunday in September.

Unless otherwise stated, schedules are for English programs and all times are in UTC. Items credited to the BBC MS are copywrited and used by permission of the World Broadcast Information division of the BBC Monitoring Service.

ALASKA. The new Christian evangelical station in Anchor Point is KLNS.

The LNS stands for New Life Station.

The tests were supposed to start on July 18th. Here is a tentative schedule.

0900-1200	11820	Russian
1200-1600	6175	Chinese
1600-2200	11820	Ukranian

(D. Jones)

AUSTRIA. ORF in Vienna has made a change in their North American service schedule.

1230-1300	15275	This replaces 15165 kHz.
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(P. Card)

BRAZIL. Radiobras in Brasilia, undated English schedule.

2000-2100	15390	Europe
0200-0300	15290	North America
	17830	"

(J. Cox)

DOMINICAN REPUBLIC. Radio Earth International via Radio Clarin.

0330-0430	11700.
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Send your reception reports to Radio Earth, Curacao Hilton, Curacao, Netherlands Antilles.
(D. Jones)

ECUADOR. HCJB-Quito. Make this change in the J83 sked as listed in the June column.

0030-0130	15250
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(D. McCants)

PHILIPPINES. FEBC in Manila has this complete schedule which went into effect on June 1st.

No room here! See next column!

PHILIPPINES: CONTINUED

0000-0500	15305	English
0500-0800	11870	Cantonese/Mandarin
0500-1000	11890	English
0800-1000	11860	Mandarin
0900-1100	9715	Russian
1000-1030	15300	Amoy
1000-1100	11890	Amoy, Swatow
1000-1215	11835	Indonesian
1030-1100	15300	Swatow
1100-1130	15300	Hakka
1100-1230	9575	Mandarin
1100-1300	15390	Vietnamese/Tribal
1115-1245	15440	Thai, Lao, Cambodian
1130-1400	9505	tribal, Vietnamese, Bengali, Tamil
1215-*	11835	Mandarin
1230-1600	6120	Swatow, Hakka, Cantonese
1230-1600	9715	Mandarin
1245-1600	15440	English
1300-1500	15385	Burmese
1400-2000	9675	Russian
1600-1700	11850	Russian/German
1600-1700	15430	Pilipino
2130-0000	6120	Mandarin, Amoy
2200-2345	9510	Indonesian
2215-0000	9715	Thai, Lao, Meo, Cambodian, Vietnamese
2300-0000	15450	English
2300-1000	21515	English
2330-0215	15410	Wa, Burmese, Kuki, Heithi, Zoukam

Anybody have a Kuki-English dictionary?
(P. Card) * = The sked was illegible here.

MONGOLIA. Radio Ulan Bator, undated.

1200-1235	6830, 12070
1400-1435	9570, 12070
1445-1520	9570, 12070

(E. Soomre)

POLAND. Radio Polonia in Warsaw. Sked valid until November 1983. North American Service in English and Polish.

0200-0300 6095, 6135, 9525, 11815, 15120
0300-0355 6095, 6135, 9525, 11815, 15120
1130-1225 9525, 11840, 17865
(J. Demmitt, P. Card)

PORTUGAL. Adventist World Radio from Sines.
0800-0830 9670 Sunday Only
(R. Hackney.)

ROMANIA. Radio Bucharest; sked valid as of June 30th.

0200-0300 5990, 6155, 9510, 9570 11810, 11830, 11940 To North America.
0400-0430 5990, 6155, 9510, 9570, 11810, 11830, 11940 To North America
0530-0600 11840, 11940, 15340, 15380, 17745, 17790 To Africa
0645-0715 11940, 15250, 15335, 17790, 21665 To The Pacific
1045-1100 11940, 15250, 17720 to Europe (not Sun.)
1200-1230 15345, 17720, 21665 To Asia
1300-1330 9690, 11940, 15250, 17720. To Europe.
1500-1530 11940, 15250, 15335, 17805, 17850 To Asia
1730-1800 11790, 11885, 15365, 15380, 17720, 17745 To Africa.
1930-2030 7225, 9690, 9750, 11940 To Europe.
2100-2130 7225, 9750, 9690, 11940 To Europe.
(P. Card, BBC MS)

SPAIN. Spanish Foreign Radio in Madrid. This sked is valid until September 25th.

0000-0200 9630, 11880 to North America.
0530-0630 9630, 11880 to North America
1900-2000 9765, 11840 to Europe
2000-2100 11760 to Middle East 15375 to Africa
(J. Adams, E. Bartsch, D. McCants)

THAILAND. Radio Thailand. Sked dated June 9, 1983.

0500-0600 9655, 11905
1130-1230 9655, 11905
2330-0200 9655, 11905
(BBC MS)

TUNISIA. Tunisian Radio-Television in Tunis.

1900-2100 11745 Arabic Europe
(BBC MS)

TURKEY. The Voice Of Turkey in Ankara.

0300-0400 11740, 17760 N. America
1230-1300 15125 Asia
2000-2100 7155 Europe
2200-2300 9660 Europe
11740 N. America
(L. Klosowski, J. Talbot)

USSR. Radio Moscow, North American Service, valid until October 1983.

0300-0400 11.71**, 12.03, 12.05***
15.10*, 15.18, 15.24, 15.42
17.76***, 17.90* to WCNA
0400-0600 9.58 (from 0500), 9.65***, 11.71, 11.75, 11.87***, 12.03, 12.05**, 15.18*, 15.24 (till 0500), 17.90* to WCNA
0600-0700 9.58, 9.65***, 11.71*, 11.75, 11.87***, 12.03, 12.05**, 15.18*
2200-0000 9.53***, 9.61***, 9.72 (from 2300), 9.76, 11.73, 11.75, 11.77, 11.78*, 11.79*, 12.05**, 12.06, 15.10*, 15.24, 15.42, 17.70, 17.76***
0000-0300 7.15***, 9.53*, 9.60, 9.61***
9.70 (from 0100), 9.72, 9.76 11.73, 11.75, 11.77 (till 0200), 11.78*, 12.05**, 12.06, 15.10*, 15.24, 15.42, 17.70, 17.76***

* till September 3

** from July 1


*** from September 4th
(P. Card, J. McDowell)

UNITED ARAB EMIRATES. Dubai Radio and Colour TV has this sked valid thru August.

0330-0400 11965, 15430, 17775
0400-0415a 11965, 15430, 17775
0530-0600 17775, 17830, 21700
0600-0615a 17775, 17830, 21700
1015-1045 17775, 21655, 21695
1045-1100a 17775, 21655, 21695
1100-1130b 17775, 21655, 21695
1615-1645 15300, 15320, 21655
1645-1700a 15300, 15320, 21655
(J. Demmitt) a = Fri, Sat, Sun
b = Fri.

USA. WRNO has this sked for Glenn Hauser's World Of Radio.

0230 9705
0430 6185
2330 11855
(M. Scheel, J. Andrew)

That wraps up this short issue. Time for iced tea. 73/God Bless, 

UTILITY SCENE

The UTILITY SCENE is arranged as "two continuous side by side vertical columns". You read down this left hand column to the last page; return to the first page, then down the right hand column.....

Hello Gang: Let's get right to this months loggings.....

**** NORTH AMERICA ****
 CAN.: 2182.0 U 0243 VOK- Cartwright GCR. testing (MDL-NE)
 2598 U 0255 VGS- Halifax GCR. NYM/WTS b/c (MDL-NE)
 3485 U 0225 VFG- Gander VOLMET (SN-TX)
 4275a C 0648 CFH- CANMIL Halifax - V/G131 mkr (SN-TX)
 4285 C 0650 VGS- Halifax GCR. - V mkr (SN-TX)
 6430.3 C 1508 CFH- CANMIL Halifax - V mkr (NC-MA)
 6491.7 C 1513 VGS- Halifax GCR. V mkr (NC-MA)
 6753 U 0140 CJX- CANMIL St. Johns - WX b/c (AJD-NJ)
 6753 U var. CHR- CANMIL Trenton - WX b/c (JFH-MA) (AJD-NJ)
 6753 U 0521 VXA- CANMIL Edmonton - WX b/c (MWS-IA)
 6946 C var. CKN- CANMIL Vancouver - V/C13G mkr(BLJ-TX) (SN-TX)
 7335 A 0642 CHU- SFTS Ottawa EE/FF/OM ann. (SN-TX)
 8439.9 C 2257 VGS- Halifax GCR. V mkr (RDG-AUST)
 8452.9 C 1253 VAI- Vancouver GCR. CQ/GSX mkr (RDG-AUST)
 8696 C 1521 CFH- CANMIL Halifax - V mkr (DS-NJ)
 8891 U 0445 VFG- Gander Aero Wkg TWA ??? (MWS-IA)
 9006 U 0317 VXA- CANMIL Edmonton wkg CANMIL 512 (JFH-MA)
 10051 U 0151 VFG- Gander VOLMET (SN-TX)
 13306 U 1333 VFG- Gander Aero Wkg New York Aero (JDM-MN)
 15035 U 1925 VXA- CANMIL Edmonton - WX b/c (WJS-ONT)
 16948.5 C 1504 VGS- Halifax GCR. V/CQ mkr (JMK-MA)
 16959 C 2048 CKN- CANMIL Vancouver - V mkr (TJY-MD)
 17175.2 C 1552 VAI- Vancouver GCR. V mkr (JMK-MA)
 22387 C 2100 VFG- Halifax GCR. V mkr (TJY-MD)
 4285a C 0651 XPU- Vera Cruz MARCO - CQ mkr (SN-TX)
 8470 C 0125 XFL- Mazatlan MARCO - CQ mkr (SN-TX)
 12825 C 0120 XFM- Manzanillo MARCO - CQ mkr (GLT-NM)
 12844 C 0044 XFC- Cozumel MARCO - CQ mkr (PAT-CA)
 USA.: 2182 U 0457 NMF- CG Boston wkg CGG Hamilton (JFH-MA)
 2506 U 0230 MOU- Boston MAROP-P/p mv Palamina (JFH-MA)
 2670 U 0505 NMF- CG Boston wkg CGG Hamilton - SAR for a
 attached F-106 (JFH-MA)

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

DEADLINE:
 12th Day of
 the Month

AM RTTY USB ISB
 LSB CW FAX A3H

COLUMN
 COVERAGE
 0-30 MHz
 H.P.

XMSN MODES: A-am., C-continuous wave(CW).. F-facsimile.. I-independent side band.. L-lower side band.. M-modulated CW.. R-radioteletype.. S-single side band.. U-upper side band.. 3-A3H..

9023.0 U 1225 SAM 31683 wkg Andrews AFB MD (RAL-CH)
 9057 U 0510 BEAUTY Wkg MAIN ROAD (MWS-IA)
 9132 L var. ORION 1 (SSSup) wkg Cape Radio/ Orion Control (JDW-MN)
 9132 L 1118 ARIA 01 (SSSup) wkg Aira Control (RAL-CH)
 9132 U 1455 AGAR 07 (SSSup) wkg GABBY (RAL-CH)
 9730a U 1505 RED STAR 04 with roll call (PAT-CA)
 10780 L 1200 SONIC BOOM CONTROL (SSSup) wkg Yankee Base (RAL-CH)
 10780 U 1336 AGAR 06 clg Cape Radio (RWP-ME)
 10780 U 1622 AGAR 27 (SSSup) wkg Cape Radio & ASHLEY 12 (RJH-RI)
 11118 U 1300 SWANKY Wkg CERAMTUM (RAL-CH)
 11118 U 1419 LONE WOLF wkg HIGBALL, CEMENT, TENT (RAL-CH)
 11176 U 0915 DELTA CHARLIE 75 p/p via Croughton Aways (RHA-UK)
 11176 U 1423 RAM 25 clg for radio check (no joy) (RHA-UK)
 11179 U 2218 SAC 049 t/c with Albnook Aways (RWP-ME)
 11179 U 1757 SAM 60126 p/p Andrews GP via MacDill Aways (LSD-NJ)
 11179 U 1640 HATS 19 p/p via Loring Aways (RWP-ME)
 11179 U 1639 NAVY RAT 22 wkg MacDall Aways (RWP-ME)
 11179 U 1845 IVORY 25 p/p GOOSEBAY via Loring Aways (JFH-MA)
 11182 U 1443 STORE GATE 2 p/p MISSION CONTROL via Scott Aways (JDW-MN)
 11182 U 1457 MAGAN 12 p/p Barksdale Metro via Scott Aways (JDW-MN)
 11182 U 0231 TIGER 07 p/p via Scott Aways (RWP-ME)
 11207 U 2338 JITTERBUG wkg CAITLEMAN (RWP-ME)
 11234 U 1917 RAINBOW wkg ARCHITECT - msg relay to QUEENS FLIGHT (Rainbow is tac call for Prince Phillip) (RWP-ME)
 11234 U 1914 ECHO 1 SIERRA wkg ARCHITECT (RAF) (RWP-ME)
 11243 U 0740 CAROLIA & MISLED c/g KITE 52 on all freqs (RHA-UK)
 11243 U 0509 MAIN ROAD wkg BEAUTY (MWS-IA)
 11243 U 0143 JACKPLUG with GIANT TALK xmsn (JM-IL)
 11243 U 0357 LAMEDECK r/c with VACANCY (JFH-MA)
 11243 U 2036 PARSNP wkg AXE KNIFE & HORIZON (JDW-MN)
 11243 U 0138 YARD BIRD wkg DUTY (RWP-ME)
 11246 U 1221 SIERRA VICTOR 464 p/p Patrick AFB Test Center via MacDill Aways (LSD-NJ)
 11246 U 0134 NAVY LIMA LIMA 39 wkg MacDill Aways (RWP-ME)
 11246 U 1249 FOXTROT BRAVO 501 wkg MacDill Aways (JDW-MN)
 11249 U 1331 SAM 86972 p/p STATE DEPT OPS via Andrews (LSD-NJ)

4087.8 U 0923 WJG- Memphis IMMAR- wkg mv Julia Woods (RMA-IA)
 4428.7 U 1145 NWC- CG San Francisco - NFM b/c (CS-WO)
 6604 U 0108 WSY70- New York VOLMET (PTK-IL)
 6504.7 C 1516 WCC- Chatham MA MARCO - TLX mkr (NO-MA)
 6506.4 U 0233 NNN- CG Portsmouth - marine WX b/c (THT-CA)
 6506.4 U 2233 NMF- CG Boston c/g CGC Unimak (RJC-MA)
 6518.8 U 0450 WFN- Jeffersonville IA INMAR wkg barges (HCB-WA)
 6750 U 0255 AFLZ- Loring Aways wkg MAC 70024/GLIC 02 (JPH-WA)
 8291.1 U 0255 CG Channel Islands CA - missing boat ann (HCB-WA)
 8460 C 1018 WOE- Lantana FL MARCO - V mkr (RDG-AUST)
 8584 C 1510 WCC- Chatham MA MARCO - V/QSX mkr (DS-NJ)
 8610.3 C 1458 WTH- Baltimore MD MARCO - V mkr (NO-MA)
 8628 C 1513 WCC- Chatham MARCO wkg HMS Britannia (DS-NJ)
 8642 C 1100 KPH- San Francisco MARCO - t/c list (RDG-AUST)
 8658 C 0112 WSL- Amagansett NY MARCO - CQ/QSX mkr (JFH-MA)
 8722 U 0155 WOV- Ft. Lauderdale MARCO wkg mv Starward (TF-KY)
 8722 U 0128 WOV- Ft. Lauderdale MARCO wkg mv Garnivale (TF-KY)
 8728.2 U 1200 XML- San Francisco MARCO - t/c list (JDM-WN)
 8743.7 U 1300 XMI- San Francisco MARCO - t/c list (JDM-WN)
 8762 U 0348 WOO- Ocean Gate NJ MARCO wkg Q.E.2 (THT-CA)
 8793.3 U 0045 WOM- Ft. Lauderdale MARCO wkg mv Skyward (AJD-NJ)
 8794 U 0251 WOM- Ft. Lauderdale wkg HMS Britannia (DS-NJ)
 8812 U 0358 WOV- Ft. Laud. p/p mv Song Of America (JFH-MA)
 8989 U 0349 AFB8- MacDill Aways wkg RESIN 18 (JFH-MA)
 8993 U 0243 AFB8- MacDill Aways p/p for IVORY 56 (JFH-MA)
 10051 U 0243 WSY70- New York VOLMET (MDL-ME) (JEB-CA)
 10877.5 U 0331 VOA Greenville NC Feeder (LMT-SD)
 11179 U 1716 AFL2- Loring Aways wkg Navy Lima Lima 62 (JFH-MA)
 11182 U 0112 AFB9- Scott Aways wkg MAC 71275 (ES-MA)
 11201 U 2330 NMA- CG Miami wkg CG 1379 (JHA-LA)
 11228 U 0217 AFB8- MacDill Aways wkg SHEEPMAN (JFH-MA)
 11246 U 2352 AFB8- MacDill Aways wkg CANNIL 0114 (RHA-UK)
 11249 U 0153 AFA3- Andrews AFB wkg SAM 24127 (RHJ-RI)
 11441 U 1450 AFA3- Andrews AFB wkg NATO 11 (JHA-LA)
 12870 C 1525 WNU- Slidell LA MARCO - CQ mkr (DS-NJ)
 13072 C 1530 WLO- Mobile AL MARCO - CQ mkr (DS-NJ)
 13084 C 1532 WLO- Mobile AL MARCO - CQ mkr (DS-NJ)
 13282 U 1635 Oakland Aero - VOLMET b/c (RWP-ME)
 13330 U 2015 Houston LDOC wkg a/c 62 Charlie Bravo (THT-CA)
 14776 U 1557 WGY98- FEMA Denver CO- RTTY coord. test (RLR-KS)
 15000 A 2118 WNY- SFTS Ft. Collins CO (JHD-PA)
 16781.4 C 2225 KLC- Galveston TX MARCO - wkg DGBB (TJY-MD)
 17184.8 C 1553 KFS- San Francisco MARCO - CQ mkr (JMK-WA)
 19480 I 1700 VOA Greenville NC Feeder (LMT-SD)

U 1632 AIR FORCE ONE p/p CROWN via Andrews AFB (RWP-ME)
 U 0140 SAM 244129 wkg Andrews AFB MD (RWP-ME)
 U 1500 EXECUTIVE 01 FOXTROT wkg Andrews AFB (RAL-OH)
 U 1425 AGAR 07 (SSSU) wkg GABBY (RAL-OH)
 U 2030 FOXTROT 3 QUEBEC wkg DELTA 8 XRAY (JDM-WN)
 L 1503 AIR FORCE ONE wkg AIR FORCE TWO (RAL-CH)
 U 1554 DENNIS 13 c/g TRILPIPE ALFA (RWP-ME)
 U 1732 NOVEMBER 5 INDIA 08 r/c NOVEMBER 5 INDIA 32 (PTK-IL)
 U 1440 GABBY (SSSU) wkg AGAR 07 (RAL-OH)
 U 0041 VICTOR 9 GOLF c/g ECHO 0 CHARLIE (JDM-WN)
 U 1725 AIR FORCE TWO r/c with Andrews AFB (RWP-ME)
 U 0130 BRICK YARD wkg PLUS SIGN & TOMBAT (JHA-LA)
 U 1630 STBSON wkg Andrews AFB MD (RAL-OH)
 L 1310 SAM 31683 wkg Andrews AFB MD (LSD-NJ)
 L 1750 SAM 26000 wkg Andrews AFB MD (RAL-CH)
 U 1525 STAR wkg Andrews AFB MD (RAL-CH)
 U 1333 SAM 24199 wkg Andrews AFB MD (RAL-CH)
 U 1718 01 UNIFORM GOLF wkg Andrews AFB MD (RAL-CH)
 U 1950 ACROBAT wkg OKLAHOMA (JHA-LA)
 U 2014 XRAY 9 GOLF wkg DELTA 5 FOXTROT (ELJ-TX)
 U 2000 DUSTY 15 c/g Scott Aways (JDM-WN)
 U var. ARIA CONTROL (SSSU) wkg AGAR 21 & 27 (RHJ-RI)
 L 1955 COMMAND CENTER & COLSSEL wkg Andrews AFB (RWP-ME)
 L 1939 SAM 26000 & AIR FORCE ONE wkg Andrews AFB (RWP-ME)
 L 0145 SAM 31682 wkg Andrews AFB MD (RAL-CH)
 U 1652 9 VICTOR WHISKEY 6 (RAF?) with coded msg (RWP-ME)
 U 1314 SABOO 110 wkg Loring Aways (RAL-CH)
 U 1330 MET SOCKS r/c with WOOD WORK (JDM-WN)
 U 1915 795 MIKE (RAF?) with coded WX b/c (MDC-NY)
 L 1350 DISHPAN r/c with COLLUMN 1 (JDM-WN)
 U 1723 SAM 24190 p/p PRIVATE PARTY via Andrews AFB (LSD-NJ)
 L 1940 EXECUTIVE 1 FOXTROT wkg Andrews AFB (JHA-LA)
 U 1828 GIANT TALK xmsn (DRH-PA)
 L 1552 PRIVATE wkg Andrews AFB MD (RAL-OH)

***** NUMBERS/BEACONS *****
 3090.0 M 0100-0108 X/X 51tr "DGN UW"
 3090 M 0100-0110 X/X 51tr "UNG GT"
 3090 M 0300-0310 X/X 51tr "GNU IW"
 3090 M 0100-0108 X/X 51tr "DGN UW"
 3090 M 0100-0108 X/X 51tr "RMT WW"
 3090 M 0100-0108 X/X 51tr "INT UT"
 3090 M 0100-0107 X/X 51tr "TUN DW"
 3090 M 0100-0107 X/X 51tr "GTW UT"
 4030 A 0303-0306 S/Y 5d (3-2) 11June83 (FWE-NJ)

3090.0 M 0100-0108 X/X 51tr "DGN UW"
 3090 M 0100-0110 X/X 51tr "UNG GT"
 3090 M 0300-0310 X/X 51tr "GNU IW"
 3090 M 0100-0108 X/X 51tr "DGN UW"
 3090 M 0100-0108 X/X 51tr "RMT WW"
 3090 M 0100-0108 X/X 51tr "INT UT"
 3090 M 0100-0107 X/X 51tr "TUN DW"
 3090 M 0100-0107 X/X 51tr "GTW UT"
 4030 A 0303-0306 S/Y 5d (3-2) 11June83 (FWE-NJ)

USA : 20191.0 L var. Mission Control Houston Shuttle launch ann.

20191 L 1125 Cape Radio relay (DRH-PA) (RWP-ME)
22443 C 2105 Patrick AFB FL c/g Ascension Isfand-SSSup(DRH-PA)
22518 C var. KOK- Los Angeles MARCO - V mkr (TJY-MD)
22544 C 1428 WCC- Chatham MA MARCO - V mkr (RH-PS)(MD) (TJY-MD)
NNW- CG Portsmouth VA- CQ/QSX mkr (DS-NJ)

*** CENTRAL AMERICA ***

COST: 13100.1 C 2354 TIM- Limon MARCO - V mkr (NC-MA)
22336 C var. TJM- Limon MARCO - CQ mkr (GLT-MN) (JMK-MA) (TJY-MD)
HOND: 13950 L 2020 HRIMM- USMAG Tegucigalpa W/g AHF4 (JHA-LA)
13950 L 2010 AHF4- Albrock AFB W/g USS La Moure Courty (JHA-LA)
PANA: 22443 C 2107 HFN60- Puerto Armuelles MARCO - V mkr (TJY-MD)

*** CARIBBEAN ***

CUBA: 12748 C 1613 CI-Q- Havana MARCO - V mkr (JMK-MA)
12868 C 0033 CI-Q- Havana MARCO - CQ mkr (BLJ-TX)
12954 C 0242 CI-Q- Havana MARCO - CQ mkr (FWB-NJ)
13062 C 0635 CIA35- Havana MARCO - CQ mkr (RDC-AUST)
15495 C 0009 CMU967- Santiago NAVRAD c/g UGQJ (BLJ-TX)
17175 C 2113 CI-Q- Havana MARCO - CQ mkr into t/c (JFS-NY)
18031a C 1910 CI-P1- MPA Havana c/g CLEP38 (NDC-NY)
22396 C 2057 CIA50- Havana MARCO - CQ/QSX mkr (RDS-NJ)
MART: 6387.9 C 0435 FUF- FF NAVRAD Ft.de France- V mkr (JHW-NJ)
13031.3 C 2340 FUF- FF NAVRAD Ft.de France- V mkr (NC-MA)
16961.5 C 1509 FUF- FF NAVRAD Ft.de France- V mkr (JMK-MA)
22390.1 C 2247 FUF- FF NAVRAD Ft.de France- V mkr (RDS-NJ)
F.R.: 8918 U 2117 San Juan Aero W/g Canadian 951 (RDS-NJ)
16983.2 C 1511 NMR- CG San Juan - CQ mkr (JMK-MA)

*** SOUTH AMERICA ***

ARGN: 8759.2 U 0255 IEL3- G.P.R. Buenos Aires- SS/OM/VN (AJD-NJ)
13167 U 0330 IEL- G.P.R. Buenos Aires- SS/OM/VN (BFS-CA)
17196 C var. IPE25- G.P.R.- V mkr (BLJ-TX) (JEB-CA)
22346.5 C 1600 ISA7- Boca MARCO - V mkr (JMK-MA)
BRZL: 12980 C var. PFL- Belém MARCO - V mkr (FWB-NJ) (BLJ-TX)
CHIL: 8780 C 0045 CGS- Santiago NAVRAD - V mkr (BLJ-TX)
12652a C 0110 CGS- Santiago NAVRAD - V mkr (PAT-CA)
ECUA: 3840 A 0659 HD210A- SPTS Guayaquil (SN-TX)
7600 A 0420 HD210A- SPTS Guayaquil (JEB-CA)
FALK: 19950 U 1927 VFC- G&W Fort Stanley - t/c England (RWP-ME)
VENE: 17142 C 0052 YVG- La Guaira MARCO - V/CQ mkr (BLJ-TX)

*** EUROPE ***

AZOR: 6750 U 0402 CUW- Lejes Aways W/g Airevac 40616 (JFH-MA)
8825 U 0435 Santa Maria Aero- Selcall to ??? (MWS-IA)
8825 U 0412 Santa Maria Aero W/g Clipper 189 (JFH-MA)

4100.0 M 0115-0120 X/X 51tr "DCN UW" (4-4) 14June83 (FWB-NJ)
4670 A 0309-0314 S/Y 34d "349"x3 (545) 13June83 (JEB-CA)
4770 A 0358-0416 G/Y 34d (333) 02June83 (LSD-NJ)
5015 S 0000-0018 G/Y 5dd (2-3) 06June83 (FWB-NJ)
6837 A 0902-0907 S/Y 5d Finalx2 (493) 11June83 (RMA-IA)
6860 M 0100-0151 X/X 51tr "AB6" (4-5) 18June83 (FWB-NJ)
6886a A 0558----- S/Y 5d (444) 29May83 (RDS-NJ)
6995 A 0200-0200+ X/X 4d "72 DE ØA""23E DE ØA"(2-2)10June (FWB-NJ)
8418 A 0210-0344 S/Y 4d "643"x3 FIN (4-4) 17June83 (FWB-NJ)
8842 A 0200-0214 S/O 5d Finalx3 (555) 07June83 (JDM-MN)
8873 M 0200-0206 X/X 51tr "RUM DT" (5-5) 11June83 (FWB-NJ)
8925 A 0147----- E/Y none repeats C.I.O.2 (515) 01July (JFH-MA)
9038 M 0200-0207 X/X 51tr "RUM UW" (2-3) 16June83 (FWB-NJ)
9075 A 0100-0200+ S/Y ?g (555) 16June83 (PCC-RI)
9266 A 0200-0225 G/Y 5dd N(CW) ENDE (5-5) 07June83 (FWB-NJ)
9267 A 0100-0112 G/Y 5dd N(CW) ENDE (4-4) 10June83 (FWB-NJ)
9267 A 0300-0319 G/Y 5dd N(CW) ENDE (5-5) 08June83 (FWB-NJ)
9972 U 0200-0215 E/Y 5dd N(CW) ENDING (454) 27June83 (JHA-LA)
10823 A 1400-1406 S/Y 5d (444) 18June83 (JDM-MN)
11108 U 0042-0046 G/Y 5d ENDE (444) 03June83 (LSD-NJ)
11533 A 0121-0150 S/Y 4d 05July83 (BFS-CA) (ES-MA)
11545 U 0217----- G/Y ?d (444) 10June83 (ES-MA)
11545 S 0200-0219 G/Y 5dd Delta Echo & tones (4-4) 01July (FWB-NJ)
11617.5 A 0200-0218 G/Y 5dd MM during s/on 12June83 (JHD-PA)
11619a A 0544-0546 G/Y 5dd (444) 29May83 (RDS-NJ)
12950 A 0235-0249 G/Y 5dd (433) 18June83 (JHD-PA)
13453 A 1309-1328 S/Y 4d ##x3 1-ØC (333) 17June83 (RMA-IA)
13485 A 0202-0205+ S/Y 5d "ATT 933-25" (423) 16June83 (JEB-CA)
17392 A 0031-0037+ S/Y 5d "ATT 724-77" (323) 13June83 (JEB-CA)
17650 U 1600----- G/Y 5dd (455) 04June83 (PCC-RI)
17968 U 1748-1750 E/Y none repeats C.I.O.2 (555) 22June (LSD-NJ)
20875 A 1738-1746 S/Y 5d (555) 23June83 (LSD-NJ)
BOEASONS
C 0212 "U" (122) (RDC-AUST)
C 0121 "F" (5-4) (FWB-NJ)
C 0146 "T" (5-5) (FWB-NJ)
C 0445 "U" (121) (JEB-CA)
**** UNIDENTIFIED ****
3380 A 0242 Cordless Telephone harmonic of 1690 kHz (IG-OH)
3870 C var. KCU & FEN W/g AUL with mixed groups (FWB-NJ)
4100 C 0122 KMC c/g ANY (FWE-NJ)
6733 U 2330 XNR 717 ending t/c with unld & unheard sta (RWP-ME)
8894 U 0144 typical Fishing Fleet illegal comms (RWP-ME)

BELG:	12725	C 0156	OSN- Coostende NAVRAD - V mkr (FWB-NJ)	9959	C 1733	6DEE TAEU A4D4 in very slow morse (SN-TX)
	13067.1	C 2349	OST- Coostende MARCO - V mkr (NC-MA)	13277	U 0200	Magnum, Mazola, etc - fishing fleet comms (JHA-LA)
	17017.1	C 1513	OST6- Vostende MARCO - tfc list (JMK-MA)	13538.7	R 2000	66/425r - RY EU U6 RT U6 AR9 (RMA-FRAN)
BUL:	12940	C 0230	LZM5- Varna MARCO - ID mkr (FWB-NJ)	14695	C 2344	VVV 619 619 619 1 into 5 digit tfc (MDC-NY)
	16918	C 0818	LZW- Varna MARCO - V mkr (PAC-UK)	14943a	C 0647	H14/641/705 VVV VVV XE4 XE4 XE4 (SN-TX)
CYPR:	20600	L 1414	KWD- RAF Akrotiri - tfc England (RLR-KS)	16960	VVV DRMX in continuous repeats (CS-MO)	
DEN:	8148	C 0150	OKG- Frederikshaven NAVRAD - V mkr (JHW-NJ)	16980	C 1215	VVV DRMX in continuous repeats (CS-MO)
	12329	C var.	OVG12- Frederikshaven NAVRAD - V mkr (RDG-AUST) (FWB-NJ) (BEL-TX)	19410.6	R 1115	66/425r DE FYX (unkn FF military sta) (RMA-FRAN)
	16897.4	C 1457	OXZ82- Lyngby MARCO - CQ mkr (IMK-MA)	25008	C 1746	XJI XJI XJI (& so on) into tfc (SN-TX)
	17068.5	C 2028	OXZB- Lyngby MARCO - V mkr (TJY-MD)			
ENG:	4722	U 0250	MVU- West Drayton VOLMET (AJD-NJ)	4061.5	0057	100/850n WBR70- Miami FL Metro USA - WX b/c (RDS-NJ)
	10000	M 0530	MSP- SFTS Teddington (SN-TX)	5160.2	1942	66/850n Guarfi Milan ITALY- tfc to Guarfi Rome (AM-UK)
	11142	C 0244	KRH50- USEMB London - QSX mkr (RWP-ME)	5185.0	0655	66/850r LRO69- Buenos Aires Metro ARGN- WX (JEB-CA)
	11200	U 0235	MVU- West Drayton VOLMET (ES-MA)	6097.5	2220	66/425r CLM287- PL Havana CUBA - EE/NX (JEB-CA)
	12788.5	C 0231	GKD- Portishead MARCO - ID mkr (FWB-NJ)	6328.0	1448	CPH- CANNIL Halifax CAN - 5W b/c (DS-NJ)
	13019.9	C var.	GKC5- Portishead MARCO- DE mkr (RDG-AUST) (PCC-RI) (NC-MA)	6354.0	0345	100/425r NMG- Cg San Fran CA- tfc NRPX/NRPU (JEB-CA)
	13651.5	L var.	AFPTS Croughton Feeder (RLR-KS) (AJD-NJ)	6693.0	0009	LZM7- Sofia Metro BUL - RYs into WX (RHP-MD)
	16974.5	C 2055	GKD- Portishead MARCO - WX b/c (TJY-MD)	6835.0	0356	66/425r GFL22- Braconell Metro ENG - 5W (RDS-NJ)
	17215	C 1540	GKP- Portishead MARCO - DE mkr (GP-NY)	6915.0	0356	66/425n CKX- Montevideo Air URCY- RYs (AM-UK) (RMA-IA)
FIN:	12687	U 1446	(HAF) Architect wkg Goose Bay (JDM-WN)	6983.0	0252	66/425r AP London ENG - EE/NX (DS-NJ)
	18018	U 1446	ORJ- Helsinki MARCO - ID Mkr (FWB-NJ)	7306.0	0430	66/850r LRO36- TELAM Buenos Aires ARGN- SS/NX (JEB-CA)
FRAN:	4231	C 0333	HNW- Paris NAVRAD - V mkr (DS-NJ)	7407.0	0128	66/425r CML5- Havana PTP CUBA- tests to IIT NY (RDS-NJ)
	4328	C 0343	FFL2- St. Lys MARCO - ID mkr (DS-NJ)	7483.0	2215	66/425n 6VU45- ASEENA Dakar SENEG- WX b/c (AM-UK)
	8522.5	C 0120	FFL4- St. Lys MARCO - CQ mkr (GLT-NW)	7492.0	1735	100/170r NNNVMSD- MWARS San Diego CA - msgs (JEB-CA)
	8808.8	U 0100	FFL41- St. Lys MARCO- FF tfc list (AJD-NJ)	7510.0	0123	66/425n CLM70- PTP Havana CUBA- tfc to Poland (RDS-NJ)
	12678	C 1608	FFS6- St. Lys MARCO - CQ mkr (JMK-MA)	7552.0	2330	66/170n 5ST4- Antananarivo Metro MAD- clg Nairobi (AM)
	13655	C 0558	HNW- Paris NAVRAD - V mkr (RDG-AUST)	7592.0	0027	50/425r YZD6- TANJUG Belgrade YUGO- RYs (RHP-MD)
	16876	C 2130	FUC3- Castelnaudary NAVRAD - V mkr (TJY-MD)	7806.3	2200	66/425r TANJUG Belgrade YUGO - EE/NX (RMA-FRAN)
	17027	C 1517	FFL8- St. Lys MARCO - CQ mkr (JMK-MA)	8045.5	1600	100/170 INTERPOL tfc (RMA-FRAN)
GDR:	16899.1	C 1448	YSN- Rugen MARCO - tfc list (JMK-MA)	8145.0	0405	100/850n WBR70- Miami Metro USA - WX b/c (JEB-CA)
FRG:	8638.5	C var.	DAM- Norddeich MARCO - V mkr (GLT-NW) (JFH-MA)	8163.0	0136	66/425n HXK31- Paris Metro FRAN- WX b/c (RDS-NJ)
	12897	C ---	DAN- Norddeich MARCO - CQ mkr (BLJ-TX)	8530.0	0355	66/425r PW233- Rio de Janeiro NAVRAD- RYs (JEB-CA)
	17048	C 1527	DAP- Norddeich MARCO - V mkr (JMK-TX)	8708.6	1750	FEC St. Lys MARCO FRAN - FF/EE tfc (RMA-FRAN)
	17239.4	U 1700	DAJ- Norddeich MARCO wkg mv Tatanua. (AJD-NJ)	9052.5	2002	50/425 ISX90- ANSA Rome ITALY- QRA mkr (PAC-UK)
	22340.5	C 1559	DAI- Norddeich MARCO - V mkr (JMK-MA)	9072.6	2114	66/425n TLO50- Bangui Air CAFR- testing (AM-UK)
	22415	C 1251	DAF- Norddeich MARCO - V mkr (RHP-MD)	9113.0	0005	50/170r SNN299- MFA Warsaw POL - EMB msgs (TJY-MD)
GRE:	8681	C 0204	SVD- Athens MARCO - DE mkr (JFH-MA)	9143.0	1630	66/850n 9MY58- Kuala Lumpur Metro MLAY- ID mkr (AM-UK)
	12720	C 0155	SVL- Athens MARCO - ID mkr (FWB-NJ)	9207.0	2220	66/170n 5UA- ASEENA Miami NIGER- DE mkr (AM-UK)
	13046	C 2307	SVA- Athens MARCO - DE mkr (BLJ-TX)	9348.0	0334	GBU32- AP London ENG - RYs (DS-NJ)
	14360	C 0215	KNS78- USEMB Athens - QRA mkr (SN-TX)	9396.0	0337	66/425r AFP Paris FRAN - ??/NX (DS-NJ)
HOLL:	6403	C 0355	POH30- Scheveningen MARCO - ID mkr (DS-NJ)	9430.6	1715	66/425n ATA Tirana AIB - EE/NX (RMA-FRAN)
	8654	C 0103	POH42- Scheveningen MARCO - DE mkr (JFH-MA)	9438.1	2130	74/850n KRH51- USEMB Bonn FRG - ??? (RMA-FRAN)
	12768	C 0228	POH50- Scheveningen MARCO - ID mkr (FWB-NJ)	9886.5	0139	66/425r GFL23- Braconell Metro ENG - 5W (RDS-NJ)
				10137.1	0142	66/425n TNL96- Brazzaville Air CONG- RYs (RDS-NJ)

HOLL:	12800.0	C 0238	PCF511-Scheveningen MARCO - ID mkr (FWB-NJ)	10295.0	0630	66/170r	F5B71- INTERPOL Paris FRAN- mssg (RMA-FRAN)
	12853	C 0222	PCF52-Scheveningen MARCO - ID mkr (FWB-NJ)	10380.0	1820	66/425n	6VU87- Dakar Metro SEME- WX (JEB-CA)
	17104	C 0245	PCF62-Scheveningen MARCO - DE mkr (JEB-CA)	10410.0	0145	100/425n	USIA Kavala GREE - EE/NX (RDS-NJ)
	22539	C var.	PCF71-Scheveningen MARCO-DE mkr (BLJ-TX) (RHF-MD)	10482.3	0147	66/425n	CNO- Casablanca Air MROC- WX (RDS-NJ)
ETRE:	2413	U 0136	EIT- Shannon VOLMET (NDL-ME)	10338.0	2355	66/170n	SNN299- MFA Warsaw POL- Cq tape (AM-UK)
	8957	U var.	EIT- Shannon VOLMET (DS-NJ) (JD4-MN)	10557.8	0149	66/425n	FTK56/HI- AFP Paris FRAN- AA/NX (RDS-NJ)
ITLY:	7302	C 0141	IDR3- Rome NAVRAD - V mkr (SN-TX)	10586.6	0151	66/170r	MKD-RAF Akrotiri CYPR- RY/FOXs (RDS-NJ)
	8649	C 0058	ICB- Genoa MARCO - DE mkr (JFH-MA)	10710.5	1130	66/850r	JAG30- Tokyo JAPAN - RY/FOXs (JEB-CA)
	8656	C 0110	IAR38- Rome MARCO - V mkr (JFH-MA)	10880.0	0156	100/425r	51F10- USIA Monrovia LIBE- EE/WX (RDS-NJ)
	13015.5	C 2332	IAR- Rome MARCO - V mkr (NC-MA)	10959.6	var.	66/425r	GEF30B- Reuters London- EE/NX (RDS-NJ) (DS-NJ)
	13657	C 0618	IDR- Rome NAVRAD - V mkr (RDG-AUST)	11063.5	2100	66/425n	Sofia Metro BUL - WX b/c (RMA-FRAN)
	16895.3	C 0235	IAR- Rome MARCO - V mkr (JMK-MA)	11105.0	0645	66/850n	9YF70- Singapore PIP - RY/FOXs (JEB-CA)
NOR.:	11454	C 0235	LBA9- Stavanger NAVRAD - V mkr (FWB-NJ)	11157.5	1820	100/850r	NRK- USN Keflavik ICE - FOXs (JEB-CA)
	12682.4	C 0222	LFG- Rogaland MARCO - Cq mkr (RDG-AUST)	11490.0	1123	100/850r	NRK- USN Keflavik ICE - FOXs (JEB-CA)
	16928.4	C 2010	LFG- Rogaland MARCO - Cq mkr (GUT-NM)	11451.5	0158	66/170n	MKG- RAF London ENG- RY/FOXs (RDS-NJ)
POL.:	16952.2	C var.	LFU/LFT- Rogaland MARCO - V mkr (TJY-MD) (JMK-MA)	11635.0	0540	100/850n	KRH51- USEMB Bonn FRG- FOXs (JEB-CA)
	12839	C 0215	SPB61- Szczecin MARCO - V mkr (JEB-CA)	12107.5	0555	66/425n	CLN364- PTP Havana CUBA- tfc ITT NY (JEB-CA)
	16887.5	C 0804	SPH61- Gdynia MARCO - V mkr/tfc 11st (PAC-UK)	12138.0	0305	66/425r	CLN365- PTP Havana CUBA- RYs to USSR (JEB-CA)
PORT:	12824	C 0030	CTP- Oeiras NAVRAD - Id mkr (FWB-NJ)	12155.0	0530	66/425r	ETD3- Addis Ababa Air ETHO- RYs (JEB-CA)
ROMA:	12757	C 0210	YQ1- Constanta MARCO wkg YQKJ (FWB-NJ)	12174.5	0230	66/85n	USIA Tangier MROC- RYs (RDS-NJ)
SPAN:	12934	C 0225	EAD4- Aranjuez MARCO - Cq/QSX mkr (JEB-CA)	12223.5	0106	100/425n	ZEN- Asuncion Air PARA - RYs (JEB-CA)
	17065	C 2320	EDZ6- Aranjuez MARCO - Cq/MC/QSX mkr (JEB-CA)	12261.0	0545	66/425r	TTL- ASEENA N'Djamena CHAD- RYs (JEB-CA)
	22446	C var.	EAD6- Aranjuez MARCO-CQ/QSX (RDS-NJ) (TJY-MD)	12295.0	2040	66/425r	JMS- ?? JAPAN - RYs into WX (JEB-CA)
SWIS:	13023	C 0503	HEB- Berne MARCO - Cq/QSX mkr (RDG-AUST)	12823.0	0150	66/425n	AWD- Delhi Air INDI- clg ARA (AM-UK)
	13103.9	U 0547	HEB13- Berne MARCO wkg ??? (RDG-AUST)	12315.5	0227	74/425n	USIA Tangier MROC- testing (RMA-IA)
	16963.3	C var.	HEB- Berne MARCO- Vkr (NC-MA) (PAC-UK) (JEB-CA)	12506.0	0520	66/170n	UJ0B- KRYMSKIE GORY- RYs to UUY (JEB-CA)
TURK:	17024.5	C 1515	TAH- Istanbul MARCO - V mkr (JMK-MA)	12512.3	0322	50/170n	UUPP- YAKTARNYI tfc to UUY (RMA-IA)
USSR:	9996	C 0209	RW1- SFTS Moscow (SN-TX)	13047.0	0528	66/170n	UKX- Nakhodka MARCO USSR- RR tfc (JEB-CA)
	10090	U 1245	Moscow VOLMET (EE/YL) (JDM-MN)	13292.6	2240	66/850n	CLP9- EMBACUBA Beruit LEB- tfc to Havana (AM-UK)
	11132a	C 2335	RWP- Soviet NAVRAD wkg RMLD (XDC-NY)	13505.0	1810	100/425r	RZU- Moloedzhnaya Base ANTA- clg ULV (AM-UK)
	12690	C 0125	UYV- Kallinograd MARCO - wkg UYEO (FWB-NJ)	13612.0	2105	100/850n	GZU- RN Portsmouth ENG - coded tfc (JEB-CA)
	12893	C 0138	UYV- Leningrad MARCO - ID mkr (FWB-NJ)	13616.0	1230	50/425r	WRP70- Miami Metro USA - WX (JEB-CA)
	13040	C 0040	UFV- Novorossiysk MARCO- ID/QSX mkr (FWB-NJ)	13624.0	0400	100/850n	WRP70- Miami Metro USA - WX (JEB-CA)
	13085	C 0108	UFV- Odessa MARCO - ID/QSX mkr (FWB-NJ)	13654.2	0845	66/425r	MENA Cairo EGPT - EE/NX (RMA-FRAN)
	13089	C 0116	UAT- Moscow MARCO - ID mkr (FWB-NJ)	13737.0	2100	66/425n	5YD77- Nairobi Air KEN- WX (JEB-CA)
	14996	M 0609	RW1- SFTS Moscow (SN-TX)	13803.0	1640	66/1000r	ROF78- Khabarovsk Metro USSR- WX (JEB-CA)
	17115	C 1528	URD- Leningrad MARCO - DE mkr (JMK-MA)	13820.0	2100	ARQ	F5B74- INTERPOL Paris FRAN- mssg (DLW-FA)
	17140	C 1529	UMV- Murmansk MARCO - DE mkr (JMK-MA)	13843.0	0513	100/850n	KRH51- USEMB Bonn FRG - FOXs (RDS-NJ)
YUGO:	16942.8	C 1722	YUR- Rijeka MARCO - V mkr (PAC-UK)	13870.0	1940	66/425r	4UA- Bujumbura Air BURD- WX b/c (AM-UK)
			**** AFRICA/MIDDLE EAST ****	13895.2	1600	66/425n	ADN Berlin GDR - AA/NX (RMA-FRAN)
ANGO:	6367	C 0350	D3E51/61- Luanda MARCO - Cq mkr (DS-NJ)	13917.5	1615	100/850r	H5F212BKX- MFA Bangkok THAI-tfc Delhi (AM-UK)
	8566.3	C 0055	D3E51- Luanda MARCO - Cq mkr (GUT-NM)	13923.0	0540	100/850r	ZXX- Auckland NAVRAD- FOXs (JEB-CA)
	12779	C var.	D3E51/61- Luanda MARCO - Cq mkr (GLT-NM) (JH-W-NJ)	13942.0	2205	50/850r	GYU- RN Gibraltar - FOXs (RMA-IA)
	22330.5	C var.	D3E51- Luanda MARCO-Cq/QSX mkr (JMK-MA) (RMA-IA)				

66/425 CLP1-NFA Havana CUBA-tfc to Africa (JEB-CA)
 50/850r JMT3-Tokyo Metro JAPAN-WX (ERF-MD)
 HMM25-KONA Pyongyang NOKO-FF/NX (RDS-NJ)
 HZ1-Jeddah Air SAUD-RY/FOXs (JEB-CA)
 WX in USN MULCAST (QTH unkn) (DLW-PA)
 75/85r UPI NX in USN MULCAST (QTH?) (DLW-PA)
 100/425r BKT1-PRC EMB QTH?? - DE mkr (JMA-FRAN)
 66/425r K4X-FFEMB Tunis TUNI-tfc NFA Paris (AM-UK)
 NKR-USN Keflavik ICE - FOXs (JEB-CA)
 100/170r BULEMB Tripoli LYBA-tfc MFA Sofia (AM-UK)
 66/850n D4B-Sal Air CAPE - WX (JEB-CA)
 66/425n 9H067-JANA Malta - AA/NX (RDS-NJ)
 50/425n HML-KONA Pyongyang NOKO-EE/NX (ERF-MD)
 REB24-TASS Alma Alta USSR-EE/NX (RDS-NJ)
 66/425r SUC66-Gairo Air EGPT-5#M (RDS-NJ)
 66/850r Y2Y24-AIN Berlin GDR-EE/NX (RDS-NJ)
 50/425n YZP75-AIN Berlin GDR-RYS/EE/NX (RDS-NJ) (ERF-MD)
 AFZAP Kinshasa ZIRE-FF/NX (AM-UK)
 WFB34-IIT NY-FOXs to Havana (RHF-MD) (JEB-CA)
 JMG4-Tokyo Metro JAPAN-5#M (RMA-IA)
 66/425r MP4 Rabat MROC - AA/NX (RMA-FRAN)
 66/425n CLM451-PL Havana CUBA - RYS (RDS-NJ)
 66/425n GBW34B-AP London ENG - EE/NX (RDS-NJ)
 HXX34-Paris Metro FRAN-WX (RDS-NJ)
 HMM567-KONA Pyongyang NOKO-EE/NX (JEB-CA)
 HMM21-KONA Pyongyang NOKO-EE/NX (JEB-CA)
 RMW73-Moscow USSR-tfc 4M473 ISRL (RMA-FRAN)
 66/425n PTP Havana CUBA-tfc?? (TJY-MD)
 CLM484-PTP Havana CUBA - telgrams to MOORE
 (good show Dave.....) Moscow... Note, this is the first MOORE code report to Speedx. Shift was 425, Band rate of 96.25, Moore read via programmed ZX-81 computer. Same data for dpx on 16220.0 kHz (DLW-PA)
 15780.0 1945 ARQ ELM15-Harbel LIBE to Akron OH (DLW-PA)
 15818.0 1605 50/425r CLM487-PTP Havana CUBA to Warsaw (RMA-IA)
 15876.0 1630 66/425r CLM488-PTP Havana CUBA - RYS (JEB-CA)
 15950.0 2100 100/425r CXH-Montevideo NAVRAD URGY-RY/FOXs (JEB-CA)
 15978.5 1815 66/300n AFP Paris FRAN - FF/NX (RMA-FRAN)
 15981.0 0415 100/170r NKR-USN Keflavik ICE - FOXs (JEB-CA)
 1900 45/85r UPI NX in USN MULCAST (QTH unkn) (DLW-PA)
 50/425r CML47-PTP Havana to IIT NY (RDS-NJ) (RHF-MD)
 100/425r RMW77-APN Moscow USSR - EE/NX (RDS-NJ)
 16145.0 0423 66/170r MDK-RAF Akrotiri CYPR-Foxs (RDS-NJ)
 00446 FTQ8/H3-AFP Paris FRAN-SS/NX (RDS-NJ)
 16184.6 0046 66/425n MADEAU Kamsar GUBI-tfc to Pittsburgh (AM-UK)
 16199.0 1600 66/425n SOC220-PTP Warsaw POL - RYS (RMA-FRAN)
 16200.8 1500

13945.0 2350
 13963.1 1440 50/850r
 14249.9 1216 66/425n
 14370.5 0240 66/425n
 14387.7 1831 75/85r
 14388.0 1831 100/85r
 14402.1 1930 100/425r
 14405.0 1115 66/425r
 14417.0 0230 100/850r
 14482.0 0632 66/170n
 14508.0 2355 66/850n
 14573.0 1807 66/425n
 14569.9 1505 50/425n
 14700.0 1237 66/425r
 14774.1 2240 66/850r
 14799.9 1210 66/425n
 14825.0 var. 50/425n
 14830.5 1710 66/425n
 14875.0 var. 50/850n
 14880.0 1330 66/425n
 14896.9 1630 66/425r
 14901.0 1203 66/425n
 14974.0 1813 66/425n
 14980.0 1219 66/425n
 15455.0 0335 66/425n
 15633.0 0450 66/85r
 15690.8 1800 66/425n
 15695.5 1530 50/425n
 15696.5 ---- MOORE
 (good show Dave.....) Moscow... Note, this is the first MOORE code report to Speedx. Shift was 425, Band rate of 96.25, Moore read via programmed ZX-81 computer. Same data for dpx on 16220.0 kHz (DLW-PA)
 15780.0 1945 ARQ ELM15-Harbel LIBE to Akron OH (DLW-PA)
 15818.0 1605 50/425r CLM487-PTP Havana CUBA to Warsaw (RMA-IA)
 15876.0 1630 66/425r CLM488-PTP Havana CUBA - RYS (JEB-CA)
 15950.0 2100 100/425r CXH-Montevideo NAVRAD URGY-RY/FOXs (JEB-CA)
 15978.5 1815 66/300n AFP Paris FRAN - FF/NX (RMA-FRAN)
 15981.0 0415 100/170r NKR-USN Keflavik ICE - FOXs (JEB-CA)
 1900 45/85r UPI NX in USN MULCAST (QTH unkn) (DLW-PA)
 50/425r CML47-PTP Havana to IIT NY (RDS-NJ) (RHF-MD)
 100/425r RMW77-APN Moscow USSR - EE/NX (RDS-NJ)
 16145.0 0423 66/170r MDK-RAF Akrotiri CYPR-Foxs (RDS-NJ)
 00446 FTQ8/H3-AFP Paris FRAN-SS/NX (RDS-NJ)
 16184.6 0046 66/425n MADEAU Kamsar GUBI-tfc to Pittsburgh (AM-UK)
 16199.0 1600 66/425n SOC220-PTP Warsaw POL - RYS (RMA-FRAN)
 16200.8 1500

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NZEL:	13282.0	U 1320	Auckland VOLMET (JDM-MN)			
	14850	C 0457	ZLX37- Wellington Metro - CQ/MC mkr (JEB-CA)			
	19488	C 0459	ZLX31- Wellington Metro - CQ/MC mkr (JEB-CA)			
	22533	C 0040	ZLB- Avarua MARGO - CQ mkr (GLT-NN)			
			**** SHIPS ****			
	5692.0	U 0358	NRZV- CGC CAPE YORK wkg CGC DILLIGENCE (LSD-NJ)			
	5696	U var.	NWAG- CGC HAMILTON wkg CG 1487 (LSD-NJ) (RWP-ME)			
	5696	U 0103	NSTF- CGC STEADFAST c/g CGC SHOALWATER (RWP-ME)			
	5696	U 0231	NTRW- CGC CAPE GEORGE wkg CG Miami (LSD-NJ)			
	5810	U 1342	UTC FREEDOM (SSSUP) wkg Cape Radio (RAL-OH)			
	6200	U 0015	NUSJ- CGC CAPE CARTER wkg CG Miami (JHA-LA)			
	6506.4	U 2227	NHCB- CGC BAGLE wkg CG Portsmouth (RJC-MA)			
	6506.4	U 1222	WTF/WTDM- NOAA TOWNSEND CROMWELL/NOAA MILLER FREEMAN wkg CG Kodiak (JDM-MN)			
	6506.4	U ----	MVVF- NOAA ALBATROSS 4 wkg CG San Francisco (JDM-MN)			
	6506.4	U 1206	NTCQ- CGC BOUTWELL c/g CG San Francisco (JDM-MN)			
	6506.4	U 0200	WES- NOAA SURVEYOR wkg CG San Francisco (HCB-WA)			
	6522.5	U 0123	WR9225 (name unkn) wkg WRA 8288 (name unkn) (JFH-MA)			
	8198.1	U 0109	WR8917- ARCADIAN SEARCHER wkg WOM (LSD-NJ)			
	8291	U 2030	WT9303- UNIVERSAL SURVEYOR wkg KDT (JHA-LA)			
	8765.4	U 1237	NWAG- CGC HAMILTON wkg CG Portsmouth (JDM-MN)			
	8790.2	U 1208	ARTIC SEAL wkg WJO (JDM-MN)			
	10780	U 1339	UTC FREEDOM (SSSUP) wkg Cape Radio (RAL-OH)			
	12354.8	U 0158	BAYOU BANNON wkg WOM (LSD-NJ)			
	12446.8	U 1640	GBM- ISLAND PRINCESS wkg KWI (HCB-WA)			
	13113.2	U 0210	USS CURTIZ (r/c with CG Honolulu (JHA-LA)			
	13339	U 0130	NN062P- (name unkn) p/p via NNN01ZK (JHA-LA)			
	14467	U 2239	NN060Q- USS PENSACOLA p/p via NNN01IG (RWP-ME)			
	14478	U 2130	NN065SB- USS SPARTANBURG COUNTY p/p via NNN0AJN (BCW-WA)			
	14478	U 2121	NN060Q- USS PENSACOLA p/p via NNN0AJN (BCW-WA)			
	16587.1	U 1955	OVERSEAS DALLAS wkg KHT (HCB-WA)			
			**** AIRCRAFT ****			
	5598	U 0640	MAC 60195 wkg New York Aero (PTK-IL)			
	5616	U 0136	CLJPPER 8120 wkg New York Aero (medical emergency on board) (LSD-NJ)			
	5643	U 1148	NEW ZEALAND 67/QUANTAS 3 wkg Nandl Aero (JDM-MN)			
	5643	U 1154	QUANTAS 12/CONTINENTAL 2 wkg Honolulu Aero (JDM-MN)			
	5696	U 1306	CG 1700/CG 1346 wkg CG Portsmouth (JDM-MN)			
	5696	U 1304	CG 1377 wkg CGAS Traverse City (JDM-MN)			
	6577	U var.	EASTERN 929/001, AMERICAN 870/684 wkg New York Aero (NF-WI)			
	6577	U 0226	AEROFLOT 336 wkg New York Aero (JFH-MA)			
	6577	U 0245	AMERICAN 665 wkg San Juan Aero (WF-WI)			
	8864	U 0017	NORTHWEST 44 wkg Gander Aero (JDM-MN)			
	66/850n	0545	5NK- Kano Metro NICR- WX (JEB-CA)			
	66/425r	0421	STK- Khartoum Air SUDN- RYs (RDS-NJ)			
	50/425n	1225	WF776- PTT New York - FOXs (RHF-MD)			
	MOORE	----	RB174- PTT Moscow to Havana (DLM-PA)			
	66/350n	1830	KUNA Kuwait - EE/NX (RMA-FRAN)			
	66/425n	2219	BAK Havana CUBA - EE/NX (RDS-NJ)			
	66/425r	0045	PLH66- XINHUA Beijing PRC- SS/NX (RDS-NJ)			
	66/425r	2250	CLP18- EMBACUBA Dar-es-Salaam- to CUP1 (AM-UK)			
	66/425n	1138	CLP33- EMBACUBA Addis Ababa - to Cuba (AM-UK)			
	74/850n	2030	WER70- Miami Metro USA - WX (TJY-MD)			
	66/170n	0135	EWAE- KARL LIEBKNECHT- t/c to URB2/UMV (JEB-CA)			
	66/170n	0237	UNWZ- name unkn - RYs (JEB-CA)			
	66/425n	2320	Y7041- GIRENB Pyongyang NOKO-t/c relay (AM-UK)			
	66/850r	2055	RLFLFF- FF NAVRAD-MART to RFFHOE (RDS-NJ)			
	66/425r	2058	KAO- NOAA Woods Hole MA- RYs/WX (JEB-CA)			
	100/850n	0640	LOI- Buenos Aires NAVRAD ARGN-clg ERA (AM-UK)			
	66/850r	0535	JA057- KYODO Tokyo JPN- EE/NX (JEB-CA)			
	66/425r	2310	MKD- RAF Akrotiri CYPR- RY/FOXs (JEB-CA)			
	66/850r	1124	TCY4- AA Ankara TURK - TK/NX (RDS-NJ)			
	66/850r	0125	LR084- Buenos Aires Metro ARGN- WX (JEB-CA)			
	66/425n	2253	CLM603- PL Havana CUBA - EE/NX (RDS-NJ)			
	66/425n	1815	GFL25- Braconelli Metro ENG- 5#M (RDS-NJ)			
	66/850r	0025	LRB391- SAPORTI Buenos Aires- SS/NX (JEB-CA)			
	100/425n	1817	ZR04- Pretoria Air SOAP- WX (RDS-NJ)			
	66/425n	1820	9KT346- KUNA Kuwait - AA/NX (RDS-NJ)			
	100/425n	0718	OWZ- W Prague CZECH- EMB t/c (AM-UK)			
	66/425r	1822	GPE34B- Reuters London ENG- AA/NX (RDS-NJ)			
	50/850r	2149	JML4- Tokyo Metro JPN- 5#W (RMA-IA)			
	50/425r	1310	RCT57- TASS Nikolayev USSR- FF/NX (RMA-IA)			
	66/425n	1500	MFA Jakarta INDO- t/c to Lagos (AM-UK)			
	50/850r	1930	MKG- RAF London ENG- RY/FOXs (TJY-MD)			
	74/425n	2158	WFK48- USIA New York - english agenda (RMA-IA)			
	74/850n	var.	WFB70- Miami Metro- WX (TJY-MD) (RMA-FRAN)			
	66/850n	1750	GPE38B- Reuters London ENG- AA/NX (RMA-FRAN)			
	66/425r	1400	XINHUA Beijing PRC - EE/NX (RMA-FRAN)			
	50/170r	1920	YME- TURKEMB Stockholm SWED- msgs (TJY-MD)			
	100/425n	0717	YUCOEMB Tehran IRAN- t/c MFA Belgrade (AM-UK)			
	66/850n	2120	ZPN2- Asuncion Air PARA- WX (JEB-CA)			
	66/850r	0413	FUF- FF NAVRAD Ft.de France MART-t/c (RDS-NJ)			
	66/425n	2125	CLP1- FF MFA Havana CUBA- t/c Yemen (JEB-CA)			
	66/425r	1700	MAP Rabat MROC - FF/NX (RMA-FRAN)			
	100/425r	1500	GFF- RN Hong Kong - t/c Nepal (AM-UK)			
	100/425r	1950	KNY23- CZECHMB WASH DC- t/c to Prague (AM-UK)			
	75/170n	1045	UNO Jerusalem ISRL - ??? (RMA-FRAN)			
	100/425n	var.	VOA Philippines- RYs & t/c (AM-UK) (JEB-CA)			

8975 U ---- MAC 70029 wkg RAAF Sydney (JDW-MN)
 8891 U 0215 WARD AIR 260 wkg Gander Aero (RWP-ME)
 8894 U 0230 KLM 578 wkg Algiers Aero (JDW-MN)
 8894 U 0230 ALITALIA 584 wkg Miami Aero (JDW-MN)
 8903 U 1210 MAC 59406 wkg Guam Aero (JDW-MN)
 8903 U 1315 JAPAN AIR 78 wkg Honolulu Aero (JDW-MN)
 8903 U 2351 ZIMBABWE 124 wkg Brazzaville Aero (RWP-ME)
 8903 U 2350 NIGERIAN 950 wkg Brazzaville Aero (RWP-ME)
 8918 U 0011 SAUDI 606 clg Jeddah LDOC (RWP-ME)
 8930 U 0020 BRITISH MIDLANDS LIMA ECHO p/p via Stockholm LDOC (RWP-ME)
 8936 U 0128 TRANS AMERICA 12 wkg Berne LDOC (RWP-ME)
 8984 U 1219 CG 1357 wkg CG New Orleans (JDW-MN)
 8984 U 1318 CG 2413 wkg CG Miami (JDW-MN)
 8989 U 0126 MAC 38081 p/p McGuire CP via MacDill AWys (JFH-MA)
 8989 U 0251 MAC 70024 p/p SAM CP via Loring AWys (JFH-MA)
 8989 U 0316 MAC 90009 p/p Travis CP via McClellan AWys (JFH-MA)
 10048 U var. JAPAN AIR 10,622,553/ NORTHWEST 2/ CLIPPER 18 wkg Anchorage Aero (JDW-MN) (HCB-WA)
 10069 U 0127 TRANS AMERICA 12 wkg Berne LDOC (RWP-ME)
 11176 U 0913 MAC 90027 p/p Rhine Main Metro via Croughton (RHA-UK)
 11176 U 0735 MAC 80222 wkg Incirlik AWys (RHA-UK)
 11176 U 2350 ARMY 18070 p/p Howard Metro via Albright AWys (1SD-NJ)
 11179 U 1548 CG 1346 wkg Loring AWys (RWP-ME)
 11233 U 2020 CANMIL 4373 wkg CANMIL St. Johns (JDW-MN)
 11233 U 1545 CANMIL 6541 wkg CANMIL Trenton (RWP-ME)
 11233 U 1245 CANMIL 85 wkg CANMIL Trenton (JDW-MN)
 11234 U 1934 CYPRUS 409 clg (RAF) Cyprus Flight Watch (RWP-ME)
 11300 U 0218 AIR MAURITIUS 53 wkg Khartoum Aero (RHP-MD)
 11396 U 1231 NORTHWEST 3/ CAPITAL 215 wkg New York Aero (JDW-MN)
 11396 U 1343 AMERICAN 661 wkg San Juan Aero (JDW-MN)
 11397 U 2347 PARAGUAY 702 clg Asuncion Aero in SS (RHF-MD)
 13247 U 1744 MAC 67949 wkg Andrews AFB MD (RAL-OH)
 13291 U 1355 MAC 50261 wkg Gander Aero (JDW-MN)
 13306 U var. CG 1346/ MAC 50261 wkg New York Aero (JDW-MN)
 13394 U 2320 MAC 40110 clg San Francisco Aero (HCB-WA)
 17925 U 1815 HZTA 01 p/p for a Saudi prince while refueling at Bermuda (RLB-KS)
 17995 U 1503 CANMIL 310 wkg CANMIL Trenton (JDW-MN)
 18002 U 0226 MAC 12778 p/p Clark Metro via Clark AWys (RWP-ME)
 18002 U 1435 MAC 40651 wkg Loring AWys (JDW-MN)
 18002 U 1218 SAM 31682 wkg Andrews AFB MD (RAL-OH)
 6683 L var. AIR FORCE ONE wkg Andrews AFB MD (RWP-ME)

19922.5 1605 75/425r 4UZ- UNO Geneva SWIS- Ry's (ERR-MD)
 19945.1 2238 100/850n KRH51- USEMB Bonn FRG- FOXs (RDS-NJ)
 20085.1 1615 66/350n ANSA Rome ITLY - FF/NX (RMA-FRAN)
 20197.2 1600 66/350n IINA Rome ITLY - AA/NX (RMA-FRAN)
 20313.2 1704 66/425n FTU31B/F- AFP Paris FRAN- Ry's (RDS-NJ)
 20318.0 var. 66/425n FTU31A/H3- AFP Paris- SS/NX/JEB-CA (ERP-MD)
 20350.0 1220 75/850r NBA- USN Balboa PANA- RY/SG mkr (RHP-MD)
 20352.0 2205 100/850r HUN- Quito NAVRAD ECUA- tests to LOL (AM-UK)
 20419.5 1700 66/425n Y2V20B- ADM Berlin GDR- EE/NX (RDS-NJ)
 20420.5 1753 50/425n Y2V20A- ADM Berlin GDR- QRA mkr (RMA-IA)
 20471.0 1518 74/850n CYR- Morvedico NAVRAD URGY - WX (TJT-MD)
 20560.0 1801 66/425n JANA Tripoli LYBA- EE/NX (RDS-NJ)
 20601.0 1803 66/170r MKD- RAF Akrotiri CYPR- RY/FOXs (RDS-NJ)
 20650.0 1810 50/850r NAU- USN San Juan PR- Test to ZRH (RMA-IA)
 20728.0 1930 50/425n IHS27- ANSA Rome ITLY- EE/NX (RMA-IA)
 20734.2 2200 66/425r C1P45- EMBAQUBA Lusaka ZAMB-tfc relay (AM-UK)
 20839.9 1655 66/425r CNW92X9- WAF Rabat MROC- FF/NX (RDS-NJ)
 20839.8 1948 66/425r CLP8- EMBAQUBA Baghdad IRAQ-megs (AM-UK)
 20897.7 1555 100/425n 6M2- CZE3EMB Phom Penh KAMP-tfc Prague (AM-UK)
 20910.0 0654 50/425 9VF232- ANSA Singapore - QRA mkr (PAC-UK)
 20915.0 1105 100/170n POLEM8 Lagos NIGR- tfc WFA Warsaw (AM-UK)
 20981.2 1646 66/425r MKD- RAF Akrotiri CYPR- RY/FOXs (RDS-NJ)
 20984.0 0925 100/425n 7A1- CZE3EMB Baghdad IRAQ-tfc Prague (AM-UK)
 20988.0 0645 100/425n CZE3EMB Ulan Bator MONG- tfc Prague (AM-UK)
 21799.1 1530 50/425r CLN78- PTP Havana CUBA clg UJY2 (ERP-MD)
 21796.2 1600 55/850n Kano Metro NIGR - WX (RMA-FRAN)
 21872.2 1135 66/425n PAKIEMB Cairo EGPT- tfc Islamabad (AM-UK)
 22807.0 2017 100/425r NBA- USN Balboa PANA- Testing (DS-NJ)
 23309.6 1530 74/850r LOR- Puerto Belgrano NAVRAD-ARGN-tfc (RMA-FRAN)
 23370.6 1300 100/350n Jeddah Metro SAUD - WX (RMA-FRAN)
 23716.5 2229 66/425n WFG83- AFP New York - SS/NX (RDS-NJ)
 23770.0 2245 100/425n WFG93- USA New York - EE/NX (JEB-CA)
 25381.0 2250 100/170r NNO- CG Honolulu HI- RY/FOXs (JEB-CA)

***** Q8LS *****
 AUST: VNG- SFTS Lyndhurst - filder card 50d XRP- 12000 kHz (AJD-NJ)
 ECUA: HD210A- SFTS Guayaquil- card/ltr for IRC 7600 kHz (ES-WA)
 GUA: Y3S- SFTS Nauen - card in 68d XHP - 4525 kHz (ES-WA)
 USA: CG Corpus Christi TX - PFC/ltr in 17d 8984 kHz (RLK-NW)
 DLR: KY1265- Banana Supply Co, Miami FL- ltr 12d- 12435.4 kHz (HH-MD)
 VENE: YVTO- SFTS Caracas - card/ltr in 120d for IRC 6100 kHz (MDC-NY)
 GECF- PACIFIC PRINCESS- PFC/pic in 85d for MS 8732 kHz (LM-CA)
 WTEA- NOAA DISCOVERER - PFC/pic in 35d 6506.4 kHz (FLK-NW)
 WYQ221- ACADIAN SAILOR- ltr/pic in 40d for MS 12340 kHz (HH-MD)
 9MUZ- BUNGA RAYA - PFC in 80d for IRC 8360 kHz (HH-MD)

***** TACTICAL *****
 U 1218 SAM 31682 wkg Andrews AFB MD (RAL-OH)
 L var. AIR FORCE ONE wkg Andrews AFB MD (RWP-ME)

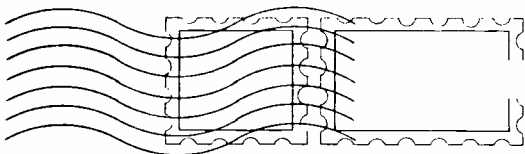
6715.0 L 0056 SAM 86972 wkg Andrews AFB MD (LSD-NJ)
6715 L 1150 SAM 27000 p/p CROWN via Andrews AFB (RAL-OH)
6727 U 1303 SAM 24197 wkg Scott Awys (RAL-OH)
6730 L 0203 SAM 31683 wkg Andrews AFB MD (RWP-ME)
6730 L 1421 AIR FORCE ONE p/p CROWN via Andrews AFB (LSD-NJ)
6730 U 0244 NAVY LIMA LIMA 09 wkg MacDill Awys (JDM-WN)
6736 U 1230 SAM 24127 p/p BRANDY WINE via Andrews AFB (RAL-OH)
6736 U 1516 LORD SHIP wkg Andrews AFB MD (RAL-OH)
6736 U 1649 SPAR 57 p/p SAM CP via Andrews AFB (RAL-OH)
6736 U 1532 SAM 24201 wkg Andrews AFB MD (RAL-OH)
6736 U 1611 MARINE 50515 wkg Andrews AFB MD (RAL-OH)
6736 U 1357 SAM 12498 wkg Andrews AFB MD (RAL-OH)
6736 U 1658 SAM 31683 wkg Andrews AFB MD (RAL-OH)
6736 U 1239 SAM 24164 wkg Andrews AFB MD (RAL-OH)
6736 U 1137 SAM 24123 wkg Andrews AFB MD (RAL-OH)
6736 U 1238 TROUT 98 p/p ARIA CONTROL via Andrews AFB (RAL-OH)
6761 U 0356 STARDAY wkg POTATO (JFH-MA)
6761 U ---- SAC 525 wkg THUMPER (DS-NJ)
6761 U 0407 YAWN 26 p/p Luke AFB via POTATO (JFH-MA)
6770 U 0042 KILO 2 SIERRA wkg YANKEE 3 ECHO (MDC-NY)
7305 U 1322 ALFA FOXTROT BRAVO 3 wkg ALFA FOXTROT ALFA 3 (RAL-OH)
7330 U 1334 SKYLARK with GIANT TALK xmsn (RAL-OH)
7540 U 0134 ALFA FOXTROT ALFA 4 wkg ALFA FOXTROT MIKE 3 (RAL-OH)
7675 U 1109 BRAVO HOTEL 38 (SSSUp) wkg Cape Radio (LSD-NJ)
7675 U 1130 BRAVO HOTEL 38 (SSSUp) wkg BAKER 01 CHARLIE (RAL-OH)
8060a U 0811 JULIET 2 BRAVO wkg INDIA 3 FOXTROT (RMA-LA)
8101 U 0434 SUITABLE wkg HONORABLE (JFH-MA)
8771 U 1159 QUEENSLAND wkg SPARTAN (JDM-WN)
8778 U 1236 CHARLIE 0 MIKE wkg VICTOR (JDM-WN)
8811 U 1502 FALCON OPS wkg HORSEMAN 11 (JDM-WN)
8811 U 1432 HORSEMAN 11 wkg HORSEMAN 10 & 13 (JDM-WN)
8967 U 0132 JULIET WHITSIE SIERRA TANGO wkg LaJes Awys (RWP-ME)
8972 U 0126 3 XRAY ZULU wkg 4 JULIET ROMEO (JDM-WN)
8989 U 0144 AIR FORCE RESCUE 865 wkg McClellan Awys (LSD-NJ)
8989 U 0425 XRAY ALFA 512 p/p Moffett DO via McClellan (JFH-MA)
8989 U 0158 NAVY LIMA UNIFORM 54 p/p N.Y. Oceanic via MacDill (JFH)
8989 U 0405 AIR FORCE RESCUE 865 p/p Scott ROC via McClellan (JFH)
8993 U 0053 SAM 24201 wkg Albrook Awys (LSD-NJ)
9007 U 1148 SAM 12490 wkg Albrook Awys (JDM-WN)
9007 U 0159 SAM 31683 p/p SAM CP via Andrews AFB (RWP-ME)
9007.5 U 2356 CHARLIE 7 PAPA wkg BRAVO 2 UNIFORM (JDM-WN)
9014 U 0426 SAC 525 r/c Scott Awys (HPH-MA)
9014 U 2357 TRAL 12 c/g Loring Awys (RWP-ME)
9020 U 1345 DUMPLING wkg MacDill Awys (RAL-OH)
9020 L 1913 AIR FORCE TWO p/p via Andrews AFB MD (RAL-OH)

PJWI- CORAL ISIS - PFC in 53d for IRC 8364 kHz (HH-MD)
KXEM- CULF SURPREME- Ltr/plc in 23d for MS 12342.4 kHz (HH-MD)
LXGS- SALVADOR - Plc/QSL msg in 42d for IRC 12390 kHz (HH-MD)

**** We had a total of 57 utility contributors this time.....

(RMA-FRAN)	Roger Aked	(JMK-MA)	John Kapinos
(RMA-IA)	Rod Alexander	(PTK-IL)	Pat Kerrigan
(JHA-LA)	Jim Andrew	(RLK-NM)	Bob Kivell
(RHA-UK)	Richard Arland	(RAL-CH)	Bob Leary
(HCB-WA)	Bart Beal	(MDL-ME)	Mike Leonard
(FNB-NJ)	Fred Belghaus	(JM-IL)	J. McDowell
(JEB-CA)	Jason Berrri	(LM-CA)	Lois McLain
(NC-WA)	Norm Cadorette	(AM-UK)	Alex Moore
(PCG-RI)	Peter Gard	(SN-TX)	Sam Neal
(MTC-AZ)	Editing	(RWP-ME)	Roger Pettengill
(MDC-NY)	Mark Chinsky	(RLR-KS)	Bob Rankin
(RJC-MA)	Bob Coleman	(TFS-NY)	Tom Sable
(PAC-UK)	Peter Conway	(DS-NJ)	Don Saunders
(LC-OH)	Larry Cunningham	(MWS-IA)	Mike Scheel
(LSD-NJ)	Larry Danko	(BFS-CA)	Bryan Sharpe
(AJD-NJ)	A. J. Delnet	(GS-MO)	Charles Shryock
(JHD-PA)	John Demmitt	(SS-WA)	Ed Soomre
(CF-NY)	Gonzalez Fernando	(RDS-NJ)	Rick Stein
(WF-WI)	Mike Fisher	(WJS-ONT)	Wlf Stone
(TF-KY)	Ted Fleischer	(MT-JPAN)	Masahiko Tanaka
(ERF-MD)	Ed Flynn	(LMT-SD)	Lyle Taylor
(RHP-MD)	Robert French	(GLT-NM)	Genny Thompson
(RDG-AUST)	Roger Gammon	(PAT-CA)	Peggy Thompson
(DRH-PA)	Don Hein	(THT-CA)	Tim Trager
(JFH-MA)	John Henault	(JRW-NJ)	John Walters
(HH-MD)	Hank Holbrook	(JDM-WN)	John Williams
(RJH-RI)	Robert Horvitz	(ECW-VA)	Bernie Wimmers
(ELI-TX)	Brian Jones	(DLM-PA)	Dave Wilson
		(TJY-MD)	Tom Yingling

**** CQ (LSD-NJ)-Larry what was left of your ute loggings, came in via the US Post Office plastic bag routine. About 40% of the contents were chewed up beyond use. Your envelope appeared to have gone through the gears.... Since taking over the ute editor post, I've received about 12 or so utility contributions, in the sealed USPO bags. Most often, just the envelope was torn up. This time it was a beauty..... Somewhere in the depths of the USPO, lurks a envelope, card, magazine munching monster..... That's a wrap gang... 73s



EDITOR: Leon Kanopka, Jr., 139-37 254th St., Rosedale, NY 11422

Welcome to my first attempt as SPEEDX QSL editor. I will try to follow the fine work that has been done by John Kapinos these past two or so years. A brief introduction and some guidelines will follow at the end if there is room. So, on to the QSL's:

AFRICA

ASCENSION ISLAND-VOA RELAY-17830, f/d Charleston, SC card in 12 days surface (Hosmer-MI).
BENIN-ORTB-Cotonou-4870, logo/map cards for 2 irc and FF reports: f/d in 33 days (Drollinger-WI). p/d in 31 days (Pagano-DC). p/d in 42 days (Streeter-NY). ORTB-Parakou regional-5025, f/d ORTB cards for 2 irc and FF reports: in 56 days (Parks-FL). in 59 days (Konen-WI). in 70 days for SASE and Olympics stamp (Witte-CA).
CAMEROON-R. Bertoua-4750, f/d EE form letter in 150 days for FF report and 2 irc (Streeter-NY). V/S was Jame Achanyi-Fontem. Radiodiffusion Nationale-Yaounde-4850, f/d map card in 402 days for 2 irc (Walters-NJ).
CANARY ISLANDS-R.E.E.-15365, f/d card in 48 days (Welch-MA).
CAPE VERDE ISLANDS-Radio Voz de São Vicente-7155, date only card in 23 days for PP report and 2 irc (Streeter-NY). Same 8 weeks after f/up, 22 weeks total for ms (Wilkins-CO).
EQUATORIAL GUINEA-R. Nacional de Guinea Ecuatorial-6250, no data SS letter requesting \$1000, in 38 days for SS report and 2 irc (Konen-WI). \$1000 for a QSL, and I thought 5 irc was bad! Lnk
EGYPT-(I know it's out of order!)-R. Cairo-9475, f/d card in 135 days along with sked, postcard, and picture of president (Blanchette-FL).
GABON-Africa No. One-4811, 11755, 11940, freq only logo card in 86 days for FF report and 2 irc (Drollinger-WI). in 95 days for EE report and 1 irc (Moore-TX). in 14 months with wrong freq for FF report and 2 irc (Hosmer)
IVORY COAST-R. Abidjan-7215, logo card (f/d) in 30 days for EE report and ms (Kanopka-NY). Same in 66 days for FF report and 3 irc (Van Horn-TX).
LIBERIA-ELBC-3255, f/d card in 57 days for 2 irc (Kivell-NM). Same in 56 days for ms (Stephany-NY). ELWA-4765, f/d antenna farm card in 15 weeks for 1 irc (Wilkins-CO). V/S was F. Manuel. VOA RELAY-15600, f/d cowboy card in 11 days (Drollinger-WI).
LIBYA-R. Jamahiriya-11815, 17930, f/d scenes of Tripoli card in 220 days for 2 irc (Ward-QUE). p/d letter in 7 mo. (Barto-CT). Same p/d letter in 506 days for 2 irc (Walters-NJ). V/S was Mohammed Sweidan, Dir. and these QSLs were mailed from Malta.
MOROCCO-VOA RELAY-15205, f/d Charleston card in 7 days (Greenbauer-AZ).
NAMIBIA-R. SWA-4965, f/d Aloe Dichotoma cards, skeds, bumper stickers, and books on Namibia received airmail: in 66 days for 1 irc (D.Jones-VA). In 120 days for 2 irc (Konen-WI). In 96 days for 2 irc (Brenesal-FL).
NIGERIA-FRCN-Kaduna-4770, f/d letter for 1 irc in 49 days (Stephany-NY). V/S was Yusuf Garba-Director. Plateau B.C.-5965, f/d form letter for 2 irc in 99 days (Konen-WI). V/S was F.O.N. Dike. FRCN-Enugu-6025, freq only letter in 80 days for 2 irc (Stephany-NY). V/S was P.A.O. Orogbu.
SIERRA LEONE-Sierra Leone Bctg Service-5980, f/d form letters: in 166 days for 2 irc (Greenbauer-AZ). In 271 days for 1 irc (Hesch-NY). In 168 days for 2 irc (Konen-WI). V/S was John Maddy.
SENEGAL-(another one out of order!)-RTV Senegal-4890, date only postcard in 79 days for 2 irc (Brenesal-FL).
SOUTH AFRICA-R. RSA-9615, 25790, f/d cards in an average of 37 days. (Demmitt-PA)(Ducos-France)(Speer-CA)(Bingham-MA) Some recd pennants.
TANZANIA-R. Tanzania-5050, personal letter in 34 days for 2 irc (f/d) (Brenesal-FL). V/S was EAH Mkongwe.
TOGO-R.Togo-5047, f/d logo card in 133 days for 3 irc (Kivell-NM).
UGANDA-R. Uganda-15325, f/d card in 194 days for 2 irc (Walters-NJ).

EUROPE

ALBANIA-R. Tirana-f/d Revolution cards airmail: 7065, in 66 days (Arland-UK). 7120, in 65 days (Keenan-CA), in 105 days (Welkel-MI).

AUSTRIA-ORF-5945, f/d Lovers card in 70 days for ms (Card-RI). f/d Austrian Challenge card in 51 days for 1 irc (Spremo-NY). 15410, Vorarlberg card in 69 days (Ducos-France).

BELGIUM-ORU-La Voix de l'Amite-21460, f/d Power Plant card and sked and sticker in 25 days for FF report (Parks-FL). BRT-9889, 21810 p/d letters in 1 month (Barto-GT)(Klosowski-FL). 3 f/d cards in 24 days (Stephany-NY).

BULGARIA-R. Sofia-7115, 11720, 15110, f/d Soviet Army cards along with skeds in 70 day average (Streeter-NY)(Ducos-France)(Arland-UK).

CZECHOSLOVAKIA-what? no Czech? It is the only European active country not reported this month, except West Berlin. lntk

DENMARK-11715, 15165, Radio Denmark-f/d color cards in 13 days (Stephany-NY) in 16 days for 2 irc (Hull-WA).

FINLAND-11855, 17800, R. Finland-no data useless "Thank you" letters in 23 days (Ducos-France). in 31 days for ms (Card-RI).

FRANCE-R. France Int'l-9790, 17620, f/d 50th Ann. Card; sked, letter, sticker, and staff photo in 38 days for 1 irc (Muzyka-NY). Personal letter in 65 days for SS report (Fernando-NY).

GERMAN DEMOCRATIC REPUBLIC-R. Berlin Int'l-various freq cards in 43 day average for varying rp (not needed). (Deinet-NJ)(Hull-WA)(Speer-CA)(Ducos-France)(Mahoney-FL)(Philip-BC). Joyce Philip also recd 3 first day covers.

GERMAN FEDERAL REPUBLIC-Suddeutscher Rundfunk-6030, f/d building card in 100 days for 1 irc and EE report (Sato-Japan). DW-5960, no data best center card in 8 days along with 100+stamps (Arland-UK). Same card in 6 weeks (Klosowski-FL).

GREAT BRITAIN-VOA RELAY-7200, f/d card in 6 days (Van Horn-TX). BBC-9410, n/d bridge card in 78 days (Talbot-WI).

GREECE-V of Greece-9865, f/d color card in 20 days (White-KS).

HUNGARY-R. Budapest-15220, 9535, 9585, f/d cards in 25 day average from: (Ducos-France)(Deinet-NJ)(Harrington-CO).

ICELAND-ISBS-13797, f/d Thingvellir cards in an average of 60 days for 2 ircs from:(Kivell-NM)(Stephany-NY)(Claytor-MI)(Deinet-NJ)(Schuisinger-OH)(Brenesal-FL)(Card-RI)(Greenbauer-AZ).

IRELAND-R. Dublin-6910, f/d map card 210 days after f/up for 2 irc. Also recd station history, sticker, and personal letter (Streeter-NY). World Music Radio via R. Dublin-6910, f/d WMR card marked "Reception of first test broadcasts via Radio Dublin Int'l" for 2 irc (Card-RI). Wice QSL!

ITALY-RAI-11800, f/d painting card in 116 days for irc (Moore-TX).

LUXEMBOURG-R. Luxembourg-6090, n/d staff card in 93 days after 3rd f/up for ms (Thibodeaux-LA).p/d staff card in 16 days for 1 irc (Deinet-NJ).

MALTA-R. Mediterranean-6110, f/d card along with sticker in 52 days for ms (Card-RI). Same in 30 days for irc (Brenesal-FL). IBRA Radio-9515, f/d Stockholm scenes card in 11 days! for 1 irc (Sato-Japan).

ICR-9515, f/d CN Tower card in 49 days for 25¢ (Stephany-NY).

MONACO-TWR-Monte Carlo-11655, f/d view card in 76 days for irc and EE report. Also recd skeds and note in JJ (Satoshi-Japan).

NETHERLANDS-R. Netherlands-17605, f/d card in 21 days along with sked and sticker (Klosowski-FL). Same in 55 days for ms (Card-RI).

NORWAY-R. Norway-15205, 11870, 6015, p/d card along with sticker and flag in 30 days (Muzyka-NY). f/d card and sked in 78 days (Ducos-France). Native dress f/d card in 28 days for 2 irc (Hull-WA). Requested more Rpts.

POLAND-R. Polonia-6095, 9525, f/d card in 26 days for 1 irc (Spremo-NY). Same along with letter, sked, DX Club info, and rpt form in 82 days (Soomre-MA). Same in 80 days for 2 irc (Card-RI).

PORTUGAL-Radio Renascenca-11730, f/d cards for 2 irc in 51 days (Kivell-NM). Same in 80 days for 2 irc and ms and PP/EE report (Hesch-NY). p/d card in 116 days for irc and EE report (Flynn-CA). R. Portugal-6025, 9575, 11925, card in 52 days (Ducos-France). f/d tropical fish cards in 31 days for PP report (Mahoney-FL). In 36 days (Speer-CA). In 30 days along with DX Club info (Klosowski-FL). //(Card-RI)

ROMANIA-R. Bucharest-6155, f/d card in 60 days along with pennant for ms.

SPAIN-R.E.E.-various freq f/d cards, skeds, and report forms in an average of 45 days from (Ducos-France)(Speer-CA)(McCants-AL)(Adams-??).

SWEDEN-R. Sweden Int'l-11705, 9695 f/d Sweden Calling DXers cards in 13 days (Kanopka-NY). In 20 days (Streeter-NY). In 14 days (Klosowski-FL). 11710-Same card for test frequency in 10 days (Hosmer-MI). Same in 23 days for 1 irc (Kapinos-MA).

SWITZERLAND-Swiss Radio Int'l-17785, f/d card in 27 days along with stickers (Demmitt-PA). ICRC Bestng-15360, globe card noted World Red Cross Day in 37 says for 1 irc (Soomre-MA). Same in 30 days for 2 irc (Deinet-NJ). Both also read skeds.
VATICAN-Vatican Radio-6190, f/d antenna card in 21 days (Arland-UK).
YUGOSLAVIA-R. Yugoslavia-9620, f/d card in 141 days (Hodgson-So. Afr.)/LA Same in 100 after f/up for ms, along with sked, and stickers (Thibodeaux-Quite a turn out of Europeans this month, keep up the good work-Enk

***** USSR *****

Radio Moscow Sites-via Kalinin-21635, (Jones-VA); via Petropavlovsk-Kamchat-sky-11710, (Harrington-CO); 11920 via Moscow, 12030 via Erevan, 21450 via Armavir (Ducos-France); 15100 via Lvov (Welch-MA); 11750 via Moscow (Card); 15540 via Ashkhabad (Streeter-NY); 9450, 15210 via Moscow, 15540 via Ashkhabad, 17765 via Omsk (Kanopka-NY); 11770 via Alma-Ata, ????? via Ashkhabad (Konen-WI); 9720 via Vinnitsa, 11710, 12030 via Petropavlovsk-Kamchatsky, 11820 via Frunze, 11860 via Gorky, 15320 via Kingisepp, 15460 via Zhiguljovsk (Greenbauer-AZ). All were recd in about 40 days for no return postage and EE reports. One reporter recd a pennant.

R. Talin-5925, QSL and Pennant in 58 days (Ducos-France).
R. Baku-4785, plain card and art book in 95 days (Streeter-NY). Was f/d.
R. P & P-19mb, f/d card in 28 days (Spremo-NY).
R. Tashkent-11785, 15460, f/d card, booklet, and letter in 37 days (Brenesal-FL). Card with 3D calendar in 37 days (Kapinos-MA).
R. Yeavan-15100 f/d card and sked in 41 days (Soomre-MA), 17880, same in 44 days (Mahoney-FL). 17870, same in 53 days (Drollinger-WI).
R. Vilnius-9685, f/d map card in 63 days (Mahoney-FL). Same in 70 days for ms (Card-RI).

Remember, most Eastern European countries, and the USSR do not require any return postage, so same your incs-Enk

***** ASIA *****

CHINA-Peoples Rep of-R. Beijing-various frequency f/d card recd in an average of 25 days by:(Stephany-NY)(Greenbauer-AZ)(Blanchette-FL)(Demmitt-PA)(Spremo-NY)(Keenan-CA)(Speer-CA)(Mahoney-FL). Also recd were books, stickers, pennants and personal letters. Some materi-al was still marked Radio Peking instead of the new R. Beijing.

CYPRUS-Cyprus Bestng Corp-6155 khz f/d cards in 182 days for 2 irc (Stephany-NY). Same for 2 irc in 129 days (Konen-WI). I believe that this station does use the BBC transmitters on Cyprus-Enk
INDIA-R. Kashmir-3277, f/d house boat card 110 days after f/up for ms, and EE report sent to AIR in New Delhi (Gavaras-MN). V/S was O.P. Khushu
INDONESIA-RII Tanjungkarang-3395, p/d letter in 2 months for IN rpt.

V/S Drs. H. Hamdan Syahbeni. (Barto-CT). Nice Sam! Enk
IRAN-VOIRI-9022, f/d card in 66 days (Arland-UK).
IRAQ-R. Baghdad-9745, f/d map card in 141 days (Thunberg-PA). Same in 42 days for 2 irc along with a pennant (Ward-QUE).
ISRAEL-Kol Israel-various freq f/d cards in 48 day avr from:(Speer-CA) (Bingham-MA)(Satoshi-Japan)(Ducos-France)(Brewer-AZ)(Van Horn-TX).
JAPAN-NSB Radio Tampa-f/d earphones over world card and stickers in 50 days for 2 irc (Mahoney-FL). R. Japan-various freq date/freq cards in 20 day average from:(Moore-??)(Speer-CA)(Greenbauer-AZ)(Harrington-CO) (Ducos-France)(Mahoney-FL).

KUWAIT-R. Kuwait-11675, f/d folder card in 57 days (Blanchette-FL). Same in 37 days for 1 irc (Thibodeaux-LA). 11990, same card in 26 days for 1 irc (Satoshi-Japan).

MALAYSIA EASTERN-RTVM-Sarawak-4950, f/d card in 61 days for 1 irc (Moore-Same in 38 days for 2 irc (Kosugida-Japan). 4835, f/d card in 24 days for 2 irc (Van Horn-TX).

MONGOLIA-R. Ulan Bator-12070, design card and stamps in 42 days for 1 irc ans EE report (Mahoney-FL).

NORTH KOREA-R. Pyongyang-9977, f/d girls on stage card and pennant in 34 days for 2 irc (WARD-QUE).

PHILIPPINES-R. Veritas-9605, f/d card & sked in 33 days for JJ report and ms V/S Ms. Cleofe R. Labindao (Satoshi-Japan). 15280, same in 26 days (Ducos-France). FEBG-11890, f/d morse code cards for varying rp in an avr of 46 days from:(Brewer-AR)(Card-RI)(Bair-CA)(Kanopka-NY)(Mahoney-FL) (Van Horn-TX)(Brenesal-FL). Most recd skeds and some recd religious pennant. This is a nice pennant, ask for it-Enk

SAUDI ARABIA-BSKSA-11855, date only letter in 71 days for 1 irc, recd by registered mail V/S was Mohammed Al Mansour (Muzyka-NY).

SOUTH KOREA-R. Korea-9570, Pagotas card with f/d in 46 days with pennant and sticker (Kanopka-NY). Same in 21 days (Blanchette-FL). p/d dance card in 49 days (Jones-VA). Card in 36 days for 7550 khz (Ducos-France).
SRI LANKA-VOA-Colombo-15600, Charleston card in 9 days (Kapinos-MA).
AWR via SLBC-f/d do it yourself card in 21 days (Hesch-NY). Freq was 11835. 9720, same in 65 days for 2 irc (Sato-Japan).
TAIWAN-Voice of Free China-11860, card and stickers in 33 days (Ducos-FR). 15345, 2 cards and "Goodie Packs" for 1 report in 114 days (Sato-Japan). 17800, card and cassette of music in 11 months (Dunham-LA). Butterfly card in 163 days (Keenan-CA). ||| (McLain-??)
THAILAND-R. Thailand-11905, f/d Tapoo Island card in 7 months for 2 irc ↑↑↑
TURKEY-V. of Turkey-11740, Vultures card in 54 days along with pennant (Demmitt-PA). 7155, same in 20 days (Ducos-France).
U.A.E.-U.A.E. Radio-various freq f/d map/logo cards in 30 day avr from: (McKeon-??)(Stephany-NY)(Demmitt-PA). Pennants were recd by 2 rpters.
VIETNAM-V. of Vietnam-10080, f/d folder card in 91 days (Shryock-MO).

***** PACIFIC *****

AUSTRALIA-Radio Australia-15160, via Lyndhurst-f/d Kookaburra Bird card in 18 days (Kanopka-NY). f/d regent bowerbird card in 28 days (Speer-CA). 9580, 17795 via Shepparton-regent bowerbird card in 55 days (Demmitt-PA). Same in 14 days (Grijalva-AZ). ABC-Perth (VLW9)-9610, f/d map card in 17 days along with stickers and program guide for 1 irc (Stephany-NY). Same in 52 days (Demmitt-PA). ABC-Brisbane (VLQ9)-9660, map card in 22 days for 1 irc (Drollinger-WI). Same in 31 days for 1 irc (Stephany-NY)
COOK ISLANDS-Cook Is. Bcstng and Newspaper Corp.-11760, conch shell card with f/d in 24 days for 3 irc (Hosmer-MI). 500 watts!!!
MARIANA ISLANDS-GUAM-KTWR-11840, f/d card in 30 days for 2 irc (Bair-CA). Same in 18 days with sked (McCants-AL). Same in 32 days (Ducos-France). Same along with sticker in 52 days for US \$2 (Lipman-NY). 9510, card with f/d and sked in 23 days for EE report (Speer-CA). SAIPAN-KYOI-11900, Bird card in 58 days (Stephany-NY). Same in 102 days for ms (Welch-MA). Remember that these islands are a US territory, so a US 20¢ stamp will do for return postage. Save your incs-Enk
NEW ZEALAND-Radio New Zealand-15485, f/d fishing scene card along with paper pennant for 3 irc (Brewer-??). Same in 26 days for ms (Card-RI). R.N.Z. requests that 4 inc be sent when requesting a reply to cut costs.
PAPUA NEW GUINEA-Bougainville-R. North Solomons-3322, date and frequency personal letter in 32 days for 3 irc (Konen-WI). V/S was Christine Talei.
SOLOMON ISLANDS-SIBS-9545, white logo card in 31 days for US \$2 (Lipman-NY) Same in 28 days for 2 irc (Moomre-MA).
SOCIETY ISLANDS-(Out of order)-Radio Tahiti-15170, no data card in 60 days for 2 irc and FF report (Hull-WA). Also recd sked in FF.

***** NORTH AND CENTRAL AMERICA AND THE CARIBBEAN *****

ANTIGUA-BBC relay-6195, usual n/d bridge card in 43 days for 1 irc along with sked (Adams-??). DW relay-6040, f/d 30th Ann. Card in 29 days along with sticker and newsletter (Soomre-MA).
CANADA-CFRX-6070, f/d boat card in 12 days for ms (Thibodeaux-LA). CFCX-6005, Montreal skyline card with f/d in 35 days along with Expos baseball sked (Bingham-MA). CKZN-New Foundland-6160, f/d CBC folder card in 58 days for ms. Also recd tourist info. (Kanopka-NY).
COSTA RICA-Radio Reloj-4832, p/d logo card in 117 days for ms and SS report (Walters-NJ). 6006, same in 42 days for 1 irc (Brenesal-FL).
CUBA-R. Moscow-9600, f/d card in 54 days (Talbot-WI). R. Habana Cuba-9535, f/d Twilight in Guama Tourist Center card in 96 days. Said they sent pennant, but none was found (Stephany-NY). Habana view card in 144 days (Keenan-??). Frequency was 11760.
DOMINICAN REPUBLIC-LV del CID via R. Clarin-11700, f/d prepared card in 9 days for SASE to Chicago address (Konen-WI). Radio Clarin-11700, f/d folder card in 27 days for 2 irc and SS report (Spremo-NY). Freq only card in 96 days for irc (Brenesal-FL).
EL SALVADOR-R. Venceremos-6825, 6905, n/d form letter in 5 weeks for SS report. V/S Rolando Martinez. (Barto-CT).
*****GRENADEA*****this is the highlight of the month-RFG QSLs!!!-
Radio Free Grenada-15045, f/d pink antenna and microphone card in 180 days after 3rd f/up for ms (Thibodeaux-LA). date only card in 5 months for 2 irc (Pagano-DC). p/d card 262 days after f/up for SASE, 3+ years total (Hall-CA). p/d card in 423 days for \$1 US (Walters-NJ). Same in 504 days along with sticker (Stephany-NY). 15105, Same in 1yr 1 mo 1 wk for 2 irc (Andrew-LA), same in 32 days (Lord-CA). More on next page.

Radio Free Grenada (Continued)- 15105, date/freq card in 84 days for 2 irc (Talbot-WI). Same after 3 f/ups over a long time for 2 irc (McKeon-??). Same in 40 days for 2 irc (Card-RI). Same in 395 days (Radtkc-CA). The V/Ss were Una Duncan and Caroline Gellineau. *Well, that is quite a load of cards, we kept their V/S busy for a while. I just wish I knew what the statement "No Calender yet" on every card was for.?. Enk*

HONDURAS-La Voz Evangelica-HRVC-4820, date only card in 28 days for 2 irc and SS report (Pagano-DC).

MONTSERRAT-DW Relay-11705, n/d card in 60 days (Evans-TN).

NETHERLANDS ANTILLES-R. Netherlands Relay-Bonaire-9590, 9715, 6165, f/d drawbridge cards in 55 days for ms (Card-RI). In 21 days (Harrington-CO).

In 22 days (McCants-AL). In 13 days along with sticker and pennant in exchange for a first day cover (Kanopka-NY). TWR-BONAIRE-11815, f/d antennas card in 20 days for ms (Card-RI). Same in 53 days (Demmitt-PA).

UNITED STATES OF AMERICA-KGET-6100, f/d Frisco Scenes card in 115 days for 1 irc (Sato-Japan). Also recd station and antenna information. V/S was Jesus C. Elizondo. VOA-Greenville-6130, cowboys card in 19 days (Demmitt-PA).

WINB-17730, 15185 f/d card in 74 days (Taylor-SD). WYFR-9535, 9715, 15440, f/d cards in 27 days (McCants-AL). In 32 days along with sked (Ryeder-FL). In 61 days (Arland-UK). WRNO-Worldwide-6145, 11965, date/freq card in 104 days for ms (Mahoney-FL). Same with sticker in 102 days (Ryeder-FL). Voice of Free China via WYFR-5980, f/d cards in 136 days (Keenan-CA). In 29 days (Bingham-MA). 5985, card in 260 days (Stephany-NY). In 55 days for 4 irc (Cox-CA). In 114 days for ms (Philip-BC). In 4 days !!!! (Pagano-DC). Most recd "Goodie Packs" with stickers, pennants, postcards, newspapers and other stuff. WOIS-Pirate-3390, (Battle Creek)- f/d card in 13 days for SASE (Konen-WI).

***** SOUTH AMERICA *****

ARGENTINA-RAE-11710, f/d card in 29 days along with pennant and Malvinas info (Kanopka-NY). n/d logo card in 34 days with pennant and same Malvinas info (Speer-CA).

BOLIVIA-Paititi Radiodiffusion-4870, n/d personal letter for ms and SS rpt in 67 days. V/S was Dorian Arias Montero, Dir. Gen. (Parks-FL).

Radio Illimani-4945, date/freq form letter for SS report and 2 irc in 187 days (Parks-FL). Same in 165 days (Ducos-France). 6025, same in 147 days for SS rpt and 1 irc (Sato-Japan).

BRAZIL-VOA relay-15205, f/d Charleston card in 15 days, 4 days after f/up as they gave the wrong site the first time (Hosmer-MI). Radio Riberão Preto-3205, date only card in 33 days for PP report and ms (Parks-FL).

Radio Eucadora de Bruganca-4825, date only folder card in 42 days for PP rpt and ms (Parks-FL). Radio Pioneira de Teresina-5015, n/d personal letter in 14 days for PP report and ms. Letter was in EE, and stated that V/S Joel Silva and Manuel Eduardo wish to correspond in EE with Americans. Addr: Rua Dalvid Caldas 14 P/N; 16400 Teresina, Piaui.

COLOMBIA-Radio Macarena-5975, date/freq personal letter in 20 days for SS report and ms (Streeter-NY). V/S was Enrique Zambrano Nieto, Gerante.

Radio Bucaramanga-4845, No data personal letter 11 mo after f/up, 17 mo total for SS reports and ms (Streeter-NY). V/S Harvey Fernandez Contreras.

Ondas Del Ortegaza-4975, date only long personal letter in 20 weeks for ms and SS report (Wilkins-CO). Sticker and dittoed info sheet along with date/freq letter in 57 days for SS rpt and ms. V/S was Carlos Julio Rodriguez (Stephany-NY).

ECUADOR-HCJB-various freq f/d communications in Ecuador cards in 27 days (Ducos-France). In 40 days (Harrington-CO). In 42 days for 60¢ US ms (Wilkins-CO). Radio Iris-3380, date only personal letter in 37 days for SS rpt and ms. Also recd stamps and erotic! calenders. V/S was J. Antonio Marchan C. Sub-Gerente (Streeter-NY). CRE-4656, date only letter in 115 days for SS report and 2 irc. Also recd was a large blue pennant. (Pagano-DC).

Radio Pastaza-3316, n/d personal letter in 66 days for SS report and ms. Also recd a green and yellow pennant by registered mail (Stephany-NY). The V/S for R.Pastaza was Hugo Horante. The V/S for CRE, (I left it out) was Alicia De Blacio. Emisora Jesus del Gran Poder-5050, n/d card in 93 days for SS report and ms. Also recd a red, white and blue pennant and picture of Jesus (Stephany-NY). V/S was R.P. Jorge Enriquez Silva-Director. Radio Voz del Napo-3280, no data handwritten EE letter in 7 months for SS rpt and ms (Streeter-NY). Same in 80 days for SS rpt and ms (Stephany-NY). V/S-Father Evelio Ortiz, Director, and he states that he will accept rpts in EE, SS or Italian.

FALKLAND ISLANDS-FIBS-3958, f/d card in 75 days for 4 irc (Gavaras-MN). Same in 91 days for 2 irc (Stephany-NY). Letter of refusal for not enuf detail in 96 days for 3 irc (Flynn-CA). V/S-A.R. Davies, Bcst Sec.

FRENCH GUIANA-RFO Guyane-(Ex FR3)-3385, 5055, f/d folder card in 129 days for 2 irc (Hosmer-MI). Same in 17 days for FF rpt and 1 irc (Brenesal-FL) Same in 138 days for 2 irc and bilingual rpt (Konen-WI). V/S-Bonnet. GUYANA-G.B.C. #2-5950, f/d form letter in 20 days for 2 irc (McKeon-IN). PERU-R.Atlantida-4790, date only letter, keychain, and stickers in 49 days for SS rpt and 1 irc (Konen-WI). They requested books, posters and stamps. SURINAME-SRS-4850, f/d logo cards for 2 irc: in 104 days (Van Horn-TX). In 150 days (Hosmer-MI). In 93 days (Brenesal-FL). In 111 days (Stephany-NY). In 71 days for Dutch rpt (Welkel-MI). For 1 irc in 187 days (Drollinger-WI). *Of the 6 reporters I got 4 different ways to spell the V/S name (2 left it blank)! I decided to skip it here! Lnk* VENEZUELA-R. Turismo-6180, date/freq Panoramica de Valera card in 49 days for SS rpt and ms (Wilkins-CO). Same in 56 days for ms and SS rpt (Mahoney-FL). Both recd stickers. Radio Maturin-5040, n/d card in 60 days for SS rpt. V/S-Carmelo Repplandor (Barto-CT). R. Occidente-3225, f/d letter in 90 days for SS rpt and 2 irc (Pagano-DC). p/d letter in 233 days for SS rpt and 2 irc (Mahoney-FL). V/S-Berta Puente A.-Sec. R. Barquisimeto-4990, f/d studio card in 60 days for SS rpt and 1 irc (Welkel-MI). Same for same in 156 days (Van Horn-TX).

***** ANTARCTICA *****

LRA 36-Radio Nacional Arcangel San Gabriel-15474, p/d Blue and white logo cards. In 156 days for 2 irc (Radtke-CA). In 162 days for 2 irc and SS rpt(Stephany-NY). In 150 days for 2 irc (Evans-TN). In 39 days for 2 irc and SS rpt (Card-RI). In 60 days for 2 irc (Brenesal-FL). In 139 days for SS rpt and ms (Kivell-NM). f/d cards were recd in 300 days for SS rpt and 2 irc (McLain-??). In 99 days for SS rpt and 2 irc (Ward-QUE). Most recd maps, booklets, skeds, and some stickers.

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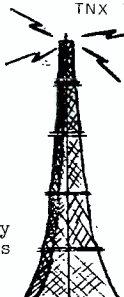
COMMENTS: There was some very good quality material this month, with Radio Free Grenada leading the tribe. We had 72 contributors, very good considering the month and the editorship changes. Keep up the good (very good) work SPEEDXers!!

AN INTRODUCTION-I am a 21 year old electronics student. I have been a DXer for 5 years, but used to listen once in a while going back a few years before that. I am very interested in radio, and I DX any band available. SWBC, UTE, TV, MW, PSB, and HAM are the most common ones. I am also a licensed amateur radio operator; call N2EKL. I use an Icom IC R-70 as my main receiver. I also collect stamps and first day covers. I guess that is about all I can say about myself.

GUIDELINES-I will try to use the SPEEDX-EDXC country list for the names of countries. I would be grateful if you would too. A copy of it is available from Jack Jones, Awards Chairman, for a buck. Please use SPEEDX QSL report forms, if at all possible, they are available from HQ for a small fee. Other clubs forms are OK also. If you must make your own, please use one side of the page only, and make them at least 1.5 inch wide. 1/4" wide

strips are very difficult to sort. Also put your name on each strip. Finally, please cut your rpts into strips. TNX FR UR HELP. One more item-I recd some items that should be sent to the UTE column. I don't print TS or feeder QSLs. Nor do I print MW QSLs. SPEEDX is strictly a SW club. That's it! See you in 30 or so. 73

N2EKL
Lion
TS=timesignal



Radio Free Grenada
P.O. Box 34, Morne Rouge
St. George's GRENADA.

TXN TO MANY REPORTERS.

Morne Rouge

Freq. 15105 KHZ


Dear Keith J. Thibodeaux

Your Reception Report of the 9.1.83

has been checked and found correct.


Remarks: Continue to listen. No. Calendar vet. Thanks for writing

Signed: Una Duncan
PROGRAMME DIRECTOR



Grenada

Power 5KW.



Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

Technical Roundup

RECEIVERS, ANTENNAS, AND
NEW IDEAS. . .

THE BEARCAT DX-1000
From Mike Nikolich, OH

Electra Company, marketer of Bearcat scanner radios and Freedom Phone cordless telephones, has announced that it is entering the shortwave radio market with the Bearcat DX-1000, a radio that makes dialing in the BBC in London as easy as dialing a push button telephone.

Utilizing the innovative microprocessor digital technology made famous by Bearcat scanner radios, the DX-1000 features direct access keyboard tuning. This makes it simple to tune from the BBC World Service to an English language newscast from Radio Ghana instantly, without bandswitching. Covering 10 kHz to 30 MHz continuously, with PLL synthesized accuracy, the Bearcat DX-1000 will monitor all shortwave bands, longwave, standard broadcast band "AM," amateur radio broadcasts, and even the marine band.

As easy as the new DX-1000 is to tune, it has all of the features even the most sophisticated DXer could want. For example, 10 memory channels make it possible to store favorite frequencies for instant recall—or for faster "band scanning" during important openings. The digital display measures frequencies to 1 kHz, or at the touch of a button, doubles as a two time zone, 24-hour digital quartz clock. A built-in timer wakes the user to a favorite station, or it can be programmed to activate peripheral equipment like a tape recorder to record up to ten broadcasts, in any frequency or mode, while the user is asleep or at work.

Other important features include independent selectivity selection, with 12, 6 and 3.7 kHz IF filters to help separate high-powered stations on adjacent frequencies, plus a two-position noise blanking system that stops Russian pulse radar interference. In addition, the DX-1000 features a two position RF attenuator, FM squelch control, tone control, battery back-up system to hold memorized frequencies and time if power fails, LED indicators for mode and functions, front mounted speaker, "fast" "slow" automatic gain control, and separate push buttons for selecting AM, LSB, USB, CW or FM modes. The unit comes with a built-in telescoping antenna for portable use, and includes an SO-239 antenna connector for 50 ohm leads, and a screw connector for "High Z."

The Bearcat DX-1000 can be operated with batteries (12vdc), or from an electrical outlet (120/240 VAC). The unit measures 14½" W x 5" H x 9-3/8" D, and weighs 17 lbs. Each radio comes with a free shortwave information guide that includes listings of stations from all corners of the world.

The Bearcat DX-1000 has a suggested retail price of \$599.95. Further details are available by contacting Electra Company, 300 East County Line Road, Cumberland, Indiana 46229 (The above is from a PR release from Electra via Mike Nikolich and Gary Mc Griff)

THE MFJ-1020 ACTIVE ANTENNA AND
MFJ-104 24-HOUR CLOCK

by Dick Hull, WA

A most versatile and efficient piece of equipment is produced by MFJ Enterprises in Starkville, MS. The MFJ-1020 Active antenna can be used either as an indoor active antenna with gratifying results, as an antenna tuner/presselector, or as a self-contained mobile antenna for use with a portable receiver while camping or on trips.

The antenna is extremely small, measuring 5x2x6". It sits a top my ICOM R70 with plenty of room to spare for the MFJ 24-hour clock and an ash tray. It features a five-band tuning scale divided: .3-.7 MCh, .7-1.6 MCh, 4-11 MCh, and 11-30 MHz. There is a gain control divided into 9 steps, an on-off-by/pass switch and LED power light on the front panel. A telescoping antenna is placed on top for use with active antenna only. The rear features input and output jacks which accept RCA phone plugs (not provided). Also a ground pole and power jack which accepts a 2.5 sub-miniature plug with tip positive.

The unit will accept any 9-12 volt power supply. Not wanting to be bothered with batteries I ordered the optional 12 volt power converter. I haven't investigated but the instruction sheet tells me that by unscrewing the telescoping antenna, removing two rear screws and sliding the top off toward the rear, a 9-volt battery snap will be revealed. This will make the antenna completely self-contained. As said before, this should be great for camping a trips.

One note of caution: The antenna should be well grounded at all times, especially with portable sets. If not grounded, oscillation will most likely occur. That is, as you tune through a frequency range with the tune control on the active antenna, you will hear unmodulated carriers pass by. As you tune through, stations will appear and disappear as if you were tuning your radio. Stations other than your desired station will appear. Usually medium wave broadcast stations in your vicinity.

Another caution emphasized in the instructions is NOT to extend the telescoping antenna when using the unit as a preselector/antenna tuner with exterior antenna.

As an active antenna, the unit really works. My exterior antenna is bare wire, about 75-100 feet long, 15-20 feet high. As an active antenna, I cannot see very much difference in signal strength as compared with my exterior antenna. Any advantage goes to the active antenna. As an antenna tuner, I can see an appreciable increase in signal strength. For example: I live in Bremerton, WA. Last night I was listening to R. Impacta in Costa Rica. With the gain turned to maximum and tuned to 6150 kHz the signal registered plus 20 to 40 on my signal meter. Turning down the gain and detuning, the signal dropped to 5.

The price of the antenna is \$79.95. The VAC converter is an additional \$9.95. Add \$4.00 for the antenna and \$2.00 for the converter for UPS shipping charges (blue label in my location).

Another useful device for those DXers without a built-in 24 hour clock is the MFJ-104 digital clock. This features a six-digit main display on the left and four-digit sub-display on the right. I have the main display timed to WWV and after a week it is right on the dot. The seconds change in time with the time beeps. It features an alarm which offers a choice of four tunes as follows, according to the instruction sheet (I kid you not): Happy Birthday, Yankee Doodle, Sur Le Dont Du Avignon and (of all things) Hum Oreske. For those slow on the up-take I shall translate: Happy Birthday, Yankee Doodle, the French spelling may or may not be accurate, but the fourth tune is the well-known Humoresque.

The price of the clock is \$39.95 with no shipping charges mentioned or charged to me. For those possessing WRTH, see the ad facing pages 304-305 for other MFJ products. For those who do not have WRTH, the address is MFJ ENTERPRISES, Box 494M, Mississippi State, MS 39762.

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REVIEW OF THE PANASONIC RF-2200

by (Author please inform me)

Most beginners in the field of shortwave do not want to spend several hundred dollars on equipment that could be abandoned in the attic or basement.

Therefore, the portable receiver is usually the first choice of beginners because of practicability and price. However, in the beginning, many people are not able to afford a high priced digital portable. Although digital technology has come a long way in the past ten years, most digital portables still cost a little more than the novice likes to pay.

The novice may turn to a low cost analog portable as an answer, but may find that most have very poor reception characteristics. However, the Panasonic RF-2200 is able to bridge the gap between the \$30 analog portable and the \$300 digital portable.

I know, first hand, that the RF-2200 gave me the ability to really get into shortwave and not wind up with a receiver that could only pick up transmitters in North America.

The RF-2200 covers from 525 to 1605 kHz for AM, 3.9 to 28 MHz, for shortwave, and 88 to 108 MHz for FM. This is all covered in eight separate bands, two for AM and FM, and six for shortwave.

The RF-2200 lacks the accuracy of a digital readout; but it has the best sensitivity of most of the portables, digital as well as analog, that I have listened to. Selectivity is nothing to brag about; however, it is satisfactory for most receiving conditions. The receiver has a wide and narrow position for control of the band width.

The reception with the receiver's own built-in, telescopic antenna is fair under most conditions. However, with a good outdoor antenna, this receiver can really pull in the DX. The RF-2200 works well with most high impedance antennas and accepts lead-in wires easily with screw antenna terminals at the back of the set.

The sound quality of this receiver is excellent and is much easier to listen to than many of the other portables and communication receivers I have listened to.

The RF-2200 can use either AC power from a wall socket or 6 volts DC power from a compartment on the back of the receiver which holds 4 D-size batteries.

The calibration of the analog dial can, at first, be confusing. However, once you understand the procedure of calibration and work with the receiver for a while, calibration becomes almost second nature. The real disadvantage of the calibration system is that for any real dial accuracy, you must calibrate the receiver every 125 kHz. This is not a real big problem, but can be a hassle when trying to get to a certain frequency quickly. Calibration instructions in the manual are relatively clear and should answer most questions.

The RF-2200 has two built-in crystal markers set at 125 and 500 kHz positions up and down the dial. The AM and FM bands require no calibration as their frequencies are read from the main tuning dial and not the shortwave band spread dial.

The RF-2200 has a BFO switch for reception of CW and SSB signals. Although reception in the BFO position is not really good; as with most portables; the receiver does a fair job with most of the signals in this area.

Other features of the RF-2200 include a built-in light for night operation, built-in speaker, FM AFC control, separate bass and treble controls, tuning speed control, separate shortwave band selector, RF-gain control, and jacks for an external speaker and a recorder output. Also included with the receiver is a carrying strap and an earphone for private listening. Tuning, marker, and battery indicators are all on one meter on the front. Although the meter is not calibrated, it is useful. There is also a gyro-antenna for the AM band that is useful in nulling, but not very good for direction finding.

There is only one real fault with this receiver. The receiver can often exhibit a problem known as "band switch cross-talk." Let us say, for example, that you are listening to WWV on 15 MHz. If you turn the shortwave band selector up or down one position, you are likely to find the signal on the adjacent band selector position as well. Fortunately, Panasonic arranged the major bands in such a way that two separate broadcast signals almost never come together.

The RF-2200 lists for about \$174 here in the US. However, this receiver is widely available from many sources including various radio and appliance stores. If you look around, you can find one for about \$10 to \$20 less.

Over all the Panasonic RF-2200 is your best bet for a receiver if you do not have a lot of money, but want to learn a lot about shortwave.

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REVIEW OF THE SONY ICF-7600A FM/MW/SW
9 BAND RECEIVER

by Tom James, NM

What does a SWLer do when he is in the navy and lives on a ship and doesn't have room to take a large rig to sea with him? Usually he doesn't get to SWL unless he's home on leave! Well, I got tired of not having a receiver with me

while sailing all over the globe, and missing all the news from home and all of the DXing. I bought a Sony ICF-7600A.

This little radio is no bigger than three packs of cigarettes laid side by side, but it does a very good job in spite of its size. It is powered by four size AA batteries. According to the owner's manual the average battery life is 21 hours with alkaline batteries. I have found that I can go for a whole month of average use before it is time to replace the batteries. An optional AC power adaptor is available from Sony.

Features of the ICF-7600A include an LED tuning indicator, a locking power switch (to prevent accidental battery drain), an easy to read tuning scale, and a tone control that not only has the traditional high and low settings, but has a special "news" setting, which seems to cut out most of the high frequency noise and makes voices more easily understood. There are also output jacks for earphone and recorder.

Of course, Sony had to sacrifice some performance in order to cram all of those features into that one little box. The most noticeable problem that I have encountered is selectivity. When tuning in a weak signal, it is almost impossible to get rid of the interference generated by very strong stations that are within approximately 250 kHz of the weak signal. Another problem is that the audio from the speaker begins to distort when the volume is turned up a little past half way. This is eliminated by using the earphone that is included with the set.

To put it quite simply, if you want to do some serious DXing, you are going to have to buy a bigger and more expensive rig. However, if you want a good little radio for general SWL, that you can take just about anywhere, the ICF-7600A is for you. I am quite proud to say that I am a full member of SPEEDX, and almost all of the loggings that got me there were from my little ICF-7600A.

A USER REVIEW OF THE SLINKY
DIPOLE ANTENNA

by Nathan Murff, NM

I purchased one of these antennas last fall for \$49.95 from the Backsburg Group. In the June issue of SPEEDX's Technical Topics, I see the price has risen to \$67.95. Perhaps this is for the assembled antenna as mine came in kit form.

The antenna is extremely well constructed. The slinky part is made out of galvanized spring steel to prevent rust and you would have a difficult time bending it out of shape. The coax assembly is also top quality. There is also a fiber glass form through which the coax is wound to form a balun. A more than adequate length of nylon cord is included to string up the antenna.

It was fairly simple to assemble. Wind the Coax through the form and solder the slinkies to the coax. Solder the plug on the other end of the coax if needed for connection to your radio. Tie on the nylon cord then mark the cord for the frequencies that you plan to listen to. A list of lengths for ham and popular SWL frequencies is included.

I then placed the antenna between two trees at a height of 16 ft. and carefully connected the coax to my FRG-7 following the directions for coax length and position. I am also using a Palomar Engineers P-308 Tunable pre-amp since the directions suggest that this will help tune to frequencies that are slightly different than those that the antenna is set to.

COMPARISON: I am currently using a 65 ft. dipole made from Radio Shack speaker wire, a convenient piece of tree branch for a center insulator, and the cheapest 50 ohm coax that I could find at Radio Shack. Total cost about \$10.00.

<u>FREQUENCY</u>	<u>STATION</u>	<u>65 ft. DIPOLE</u>	<u>SLINKY</u>
2428	R. Manus	35233	23222
2500	WVW	45544	35333
3220	HCJB	43433	33222
3335	R. East Sepik	54444	44533
3925	NSB Tekyo	55555	43344
4760	R. Frontera	33333	33222
5030	R. Los Andes	43343	33333
6150	R. Impacto	43343	43343
7050	R. 15 de Septiembre	32333	43233
9545	SIBC	44333	34433
11700	R. Clarin	33333	43444
15010	V. of Vietnam	23432	33443
15260	BBC	43333	43444
21660	BBC	23332	23433

CONCLUSIONS: The Slinky performs fairly well compared to my dipole but is very susceptible to MW harmonics and local electrical interference. At the higher frequencies it is considerably shorter which is nice if you lack space or need to keep it hidden from the landlord.

The main question I guess is why spend almost seventy bucks when you can do better for a lot less.

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REPLY TO ICOM REVIEW
by Ronald Pokatiloff, IL

This is in refutation of the June SPEEDX article discussing the ICOM IC-R70, Drake R7A, and NRD-515. (I don't have the author's name at present). To say that you get what you paid for, and that the R70 does not have

the thoughtful features of the R7 or the NERD is totally uncalled for! Just about everyone agrees that the ICOM has the most useful features. The axiom that you get what you paid for certainly does not apply to shortwave receivers, as I have painfully found out! Would it have made everyone feel better if ICOM put a \$2000 price tag on their rig? The R70 would certainly be worth it! No, the truth is that both Drake and (especially) Japan Radio have short changed their buyers with overpriced rigs which should be near perfect, but leave much to be desired.

Let's talk about the Drake. The R7A has a passband-selectivity-mode system without par. However, the Drake people did not follow through in many other aspects. The receiver has only fair audio, a poor tuning setup, a main dial with no hole for your finger, and less than average stability for its price class. If you want state-of-the-art tuning and stability that approaches the ICOM, you must invest another \$200 for their external VFO.

The Japan Radio NRD-515 is a very BIG disappointment for a radio that costs \$1400 or so: No AM passband tuning, no notch, a poor fine tune control, substandard ECSSB—which isn't as good as the Kenwood R-1000, an unsmooth main dial, no internal speaker, and I could find more. I used this rig for 4 hours. The rig does have excellent selectivity, passband tuning, and a very clear signal.

Back to the R70, the reviewer in June QST, who is a radio engineer and commercial equipment appraiser, said that the ICOM IC-R70 would make a fine laboratory grade instrument. The bottom line is that the Drake 77A is the best DX radio; the NERD, with keyboard/memories/AM product detector is the top rig for automatic, serious listening; and the ICOM is rated as the most ideal, all-around hobby set. I think that if a person is going to write an article comparing certain radios, he or she should present facts and not dwell on some minor flaws or discuss into the ground a few features. It is the total radio which must be judged. . .and the ICOM IC-R70 is as near to perfection as any receiver will ever be.

Tidbits

TECHNICAL TIDBITS:

According to Gilfer
the ESKA RX12PL

receiver that they advertized and Larry Magne reviewed in the 1983 WRTH are not being made available in the US. Gilfer feels the company should redesign the RF circuitry and improve the receiver's sensitivity. They are awaiting a new prototype receiver. (Stephen B. Pacelli, Co)—According to Universal Radio, the NRD-515 now has a keypad controller available for \$149.95. In addition, they announce the availability of two new marine receivers from the Japan Radio Company—the NRD-92 and the NRD-93. These top-of-the-line receivers are available for prices most of us unfortunately cannot afford. For a complete price list and detailed specifications of these receivers and their accessories write to Fred Osterman, SWL Dept., 1280 Aida Drive, Reynoldsburg, OH 43068 (Osterman, OH)

UNITED KINGDOM: The managing director of the BBC External Services, Douglas Muggerridge has criticised what he calls "a politically-motivated and carefully orchestrated campaign" against international broadcasting, led by the Soviet Union and the Eastern Block. Speaking to the Diplomatic and Commonwealth Writers' Association in London, he predicted the imminent breakdown of law and order on the airwaves unless there was "a new spirit of understanding." "The widespread use of jamming by the Soviet Union and other countries in many parts of the world is rapidly making nonsense of all international conventions for the orderly use of the airwaves", Muggerridge said. He also repeated his concern about some nations preventing the use of satellite technology in international broadcasting (This article from The Times appeared in the April 26, 1983 issue of the SCDX bulletin via Don McCants, AL)

NOISY COMPUTERS: Many of you may be considering to buy a computer to use with your shortwave gear. So a word of warning. Many computers are very noisy, i.e., RF noise, and will interfere with your AM reception. FM is not affected. This will especially affect you if your antenna is in the same room as your computer. I use a Yaesu FRG-7700 so it especially effects me. My TRS-80 Model I is incredibly bad. Newer computers are not as bad and my TRS-80 PC-2 is very clean but the printer plotter causes interference when its actually in use. It merely being on causes no interference. I

half considered buying a Kantronics "The Interface", so I checked out a couple of the computers that can be used with it. I borrowed a portable radio and walked out to an operating computer with the portable radio on but with no station tuned in. Of course both computers caused some RF but neither was too bad. The VIC-20 caused RF out to about 18" away, while the TRS-80 color computer only caused RF about 3" away from the machine. If you are going to buy a computer to use with your SW radio, I recommend you check out its RF first. You may be in for a surprise on how much it generates especially if its a used older model. The FCC passed a law in about 1979 or 80 which limits RF from home computers and most older computers probably would not pass the test. In fact, that is one reason why Radio Shack dropped the Model I. (Bruce K. Opitz, VA)

QSL TIP: If any of you send out as many letters as I do then surely you have faced the problem of what I call "envelope stuffers". When I send out a reception report to a hard-to-verify country, or for that matter, an easy one, I stick in several local post cards and a shack photo. Obviously I want to make the letter as interesting as possible in hopes of getting a response. Well, post cards can get expensive if you send out 20-30 per month. I have found excellent substitutes for 25 cent post cards that are not only free but are more interesting: The local tourist office and all the major hotels keep a large supply of tourist brochures picturing all the local attractions. For example, here in San Diego, I can find folders on Universal Studios Tours, San Diego Zoo, San Diego Harbor Cruise, Tijuana and so on. They are very colorful with plenty of photos and just the right size for a business envelope. Everyone makes out when I send these brochures out. The tourist attractions get worldwide exposure, the recipient sees some interesting pictures of my area, and I save money. Not a bad deal. (Allen Rising, CA)

TRY A STEREO GRAPHIC EQUALIZER FOR YOUR SWL/DX WORK: Some SWL's are finding audio active filters useful for emphasizing voice frequencies and eliminating noise. However, these devices are expensive, and not always easy to manipulate. One or two SWL's have taken graphic equalizer units from their high fidelity systems, and fed their receiver's (or tape recorder's) audio

directly through one or both equalizer channels before feeding their speakers. Success with such hook-ups usually has been minimal, because most equalizers alter their audio frequency ranges by no more than plus or minus 12 dB. SPEEDXer Dave Newkirk's "Radio Equipment Forum" (Review of International Broadcasting, July, 1983, p. 31), however, suggests a possible answer to this frustration. If your equalizer is a stereo device, feed the sound from one channel back through the second channel before feeding the speaker! Dave claims that such an arrangement may provide 24 dB (or more) of total modification for each frequency segment thus processed twice. Most sounds above and below a selected narrow voice range (my, for example, 400 Hz - 1500 Hz) can be eliminated, thereby releasing that precious ID (and much) more for easy listening. Hopefully, curious SWL/DX types with component hi-fi systems will try such hook-ups, and report their results in RIB and elsewhere in our hobby press. (Dave Maxfield, MI)

BACKSCATTER: This is a newsletter from the ANARC Over-the-Horizon Backscatter Radar Committee. Those interested in finding out more about this new technology and its effects on shortwave reception, the cost is a SASE plus 30¢ for printing. Write to Robert Horvitz, 54 East Manning Street, Providence, RI 02906. (Direct)

MEDIA NETWORK'S RECEIVER SHOPPING LIST: Radio Nederland has released edition six of the Receiver Shopping List by Jonathan Marks. My copy was received in exactly two weeks time (I sent them an IRC). This little publication should be of interest to all those interested in shortwave receivers. Because of space limitations, the reviews are not as in depth as those found in the WTH, but separate reviews are available on request of the more popular models. The receivers are placed in five categories: traveling portables, shortwave in the car, serious shortwave program listener, DX hobby receivers, and semi-professional monitoring receivers. General hints are offered on what type receiver to choose, as well as several cautions in making a selection. A caution is also expressed in dealing with the so-called "grey market." The Receiver Shopping List is one of the best I've seen, and is available for the asking, using this address: Receiver List (attn: Jonathan Marks), English Section, Radio Nederland, P.O. Box 222, 1200 JG Hilversum, Holland. (Don Brewer, AR)

IMPORTANT NEW SERIES: DXers and SWLs interested in Papua/New Guinea and Red China should not miss recent articles by SPEEDXer Gerry Dexter in Popular Communications. His Stasiun Bilong Papua New Guinea (April, 1983, p. 26) gives excellent description and full tabulated listing of broadcasting stations in the land of the headhunters. His DXing the Bamboo Curtain (June, 1983, p. 6.) does an even more comprehensive job for the

country of the Great Helmsman. In months to come, Gerry intends to cover many other lands as well. (Dave Maxfield, MI)

CELEBRITY DXER: Jonathan Marks, on Radio Netherlands' "Media Network" program reported that Ronnie Milsap, well-known Nashville songwriter and singer, is a shortwave radio listener, and is a frequent listener to Radio Netherlands and Jonathan Marks' "Media Network" show! It seems that there are more listeners to shortwave radio than we may be aware of. (Don McCants, AL)

RADIO JAPAN: Radio Japan is hoping to build two relay stations and buy time on a third, according to a letter from Mr. Kazuhiko Tajiri, manager of the programming division of the overseas broadcasting department. Two studies of ways to improve reception started in 1982. In one, a group from Japan visited major international broadcasters to examine their methods. In the other, research was carried on by a committee in the Ministry of Posts and Telecommunications. Both units issued reports in the middle of March. The recommendation of the ministry of communications was that new and more powerful transmitters be installed at the Yamata site north of Tokyo and that relay stations be built in Central America and Southwest Asia. The report also called for renting 500 kw transmitters at Moyabi, Gabon. At Yamata the present transmitters would be replaced by four with output power of 300 kw each and four with output power of 100 kw. The report has been submitted to the Government and discussions are underway. Radio Japan hopes that the plans will be included in the budget for fiscal year 1984. (Wilder A. Pickard II, IL)

NEW STATION FOR CURACAO: A new shortwave station will soon make its debut at 0330 GMT on 11700 kHz. The 50 kw station with an omnidirectional antenna will be called Radio Earth and will broadcast from the island of Curacao in the Netherland Antilles in order to serve the Western Hemisphere. (Gunter, NC)

CHANGES AT THE CBC: On March 30, 1983 the director of the CBC announced that the radio and television services of the CBC will no longer be under joint control. In addition, the French and English radio services will also separate. (John H. Demmitt, PA)

TIPS AND TOPICS MASTHEAD CONTEST: Designs are pouring in for a new title page for this column. Therefore, if you have artistic talent, we are soliciting ideas as well as designs. Don't forget, the one chosen will get a special prize from SPEEDX.

ODDS AND ENDS: Those awaiting the antenna designs advertized a few months back in T & T, I have not forgotten. They will be going out in a few days. A busy schedule has prevented me from getting them out sooner. Thank you for your patience. In addition, to Barry Brenesal, I would be interested in articles on programming.

73'52
Arthur 57

CONTRIBUTOR'S LIST:

AUGUST 1983

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
P.O. BOX 861, MEMONONEE FALLS, WI 53051 U.S.A.

TOTAL CONTRIBUTORS: 294

2	ADAMS	JOE	FL	HQ150		!6	KLOSOWSKI	LORI	FL	
4	ADDISON	JOE	KB	R600		!3	KONEN	MARK	WI	
1	AKED	ROGER	FR		R1000	!7	KOSUGIDA	SHINI	JP	R300
1	ALEXANDER	RODNE	IA		IC-R70	!2	KOWALSKI	PAUL	WI	IC-R70
5	ANDREW	JAMES	FL			!4	LANGLOIS	HAROL	GA	
4	ARLAND	RICHA	NY		R600	!1	LEARY	ROBER	OH	FRG7700
1	ASHLEY	MARK	NC			!4	LEONARD	MICHA	ME	R1000
6	BAIR	MASON	CA			!1	LEW	SCOTT	CA	
1	BARTO	SAM	CT			!1	LIPMAN	EDWAR	NY	
2	BARTSCH	ERIC	MN			!5	LORD	EARLE	CA	FRG7700
1	BEAL	HOBAR	WA		R4C	!4	LUCAS	RICHA	CA	R1000
1	BELGHAUS	FREDE	NJ			!4	MACGIBBON	BRUCE	OR	R1000
4	BERRI	JASON	CA		RF2900	!4	MAHONEY	MICHA	FL	SPR4
4	BINGHAM	FRANK	MA	ZENITH		!4	MIYAUCHI	SATOB	JP	DX100
4	BLANCHETTE	MARIO	FL	DX100	R600	!1	MOORE	ALEXA	UK	R7/DR7
4	BRADLEY	HERBE	MA			!4	MOORE	MICHA	TX	
6	BRENEBAL	BARRY	FL			!1	MORPHY	F.A.	SK	
3	BREWER	DONAL	AR		ICF2001	!1	MUNSTER	RALF	GA	R7/DR7
4	CADORETTE	NORMA	MA	IC-R70		!1	MURFF	NATHA	NM	FRG7700
10	CARD	PETER	RI		NRD505	!2	MUZYKA	WILLI	NY	
3	CASAVANT	RICHA	QU			!5	McCANTS	DONAL	AL	RF2200
1	CEREGHIN	JOHN	MD		DX302	!8	McDOWELL	JOHN	IL	
1	CHABAK	MIKE	AZ		HQ100	!5	McKEON	THOMA	IN	R1000
1	CHINSKY	MARK	NY		RF2600	!2	McLAIN	LOIS	CA	
3	CLAYTOR	DAVID	MI		R1000	!2	NEAL	SAM	TX	RBC5
2	CLEVELEY	RUSSE	NY		DX160	!1	NIKOLICH	MIKE	IL	HQ100
2	COLEMAN	ROBER	MA		FR87	!3	PACETTI	STEPH	CO	
1	CONWAY	PETER	UK		51J-4	!1	PAGANO	FRANK	DC	RACAL
6	COX	JIM	CA			!2	PALMER	BOB	WA	IC-R70
3	CRAIG	CAL	OH			!4	PARKS	WILLI	FL	HR060
3	CUNNINGHAM	LARRY	OH		FRG7700	!1	PETTINGILL	ROGER	ME	NRD515
6	D'ANGELO	RICHA	PA		NC190	!1	PHILIP	JOYCE	BC	ICF2001
3	DANKO	LARRY	NJ	IC-R70		!3	PIATELLI	MARIO	CA	CRF5100
1	DECKER	FRANK	NY			!5	PRESTON	WILLI	CA	IC-R70
3	DEINET	A.J.	NJ	NRD515		!2	RADTKE	CARL	CA	SPR4
9	DEMITT	JOHN	PA		HMBREW	!1	REINECKER	ROBER	PA	
5	DESROSIERS	ROBER	MA		IC-R70	!2	ROBERTSON	DAVE	WA	
7	DROLLINGER	RICK	WI	HQ160		!4	ROBICHAUD	IVAN	NB	R1000
1	DUCOS	PIERR	FR			!3	ROBINSON	BETSY	TN	ICF2001
1	DUNCAN	GREG	NC		DX302	!5	RYEDER	REDD	FL	
1	DUNHAM	WILLI	LA			!3	SABLE	THOMA	NY	FR6600J
4	ENGLISH	DON	TX		DX302	!3	SATO	HIROM	JP	RF2200
1	ERAMO	MARK	MA			!1	SAUNDERS	DONAL	NJ	RF2200
1	EVANS	JIM	TN	RF2200	RF2200	!6	SHEEL	MICHA	IA	ICF2001
6	FAMULARO	RALPH	NJ			!3	SCHLESINGER	MARK	TX	FRG7
2	FISHER	JOHN	MA			!6	SCHULSINGER	MICHA	OH	
5	FISHER	MICHA	WI			!4	SHAMBLIN	BILL	CA	RF2200
1	FLANAGAN	JOHN	MA			!1	SHARP	DAVID	FL	HQ129X
1	FLANNAGAN	MELVI	VA			!7	SHARPE	BRYAN	CA	DX302
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1	FLYNN	WILLI	CA	R7A	R2000	!4	SHRYOCK	CHARL	MO	FRG7700
2	FORSMAN	STAN	CA			!3	SMITH	ADAM	PA	
5	FRASER	BOB	MA		XCR30	!5	SMITH	TRAVE	CA	NRD505
4	GAMMIE	CHARL	MI			!7	SOOMRE	EDWAR	MA	
1	GAMMON	ROGER	AU			!5	SPEER	RICHA	CA	RF2900
1	BARRETT	LARRY	CA			!4	SPREMO	ALFRE	NY	FRG7700
1	BARVARAS	THOMA	MN			!4	STANLEY	TREVO	AZ	NRD515
2	GEORGE	CHARL	TX		SSR1	!2	STEIN	RICHA	NJ	FRG7000
2	GOLAB	MARC	IL			!1	STEPHANY	NOLAN	NY	R392
3	GONZALES	FERNA	NY			!3	STINER	ROLAN	NY	FRG7000
1	GREENBAUER	DANIE	AZ		RF2800	!3	STONE	WILFR	ON	
3	GREENWALD	JEFF	WY		DX100	!1	STREETER	ROBER	NY	R4B
1	GRENIER	PETE	CA			!3	TALBOT	JOE	AA	SX100

3	GRIJALVA	GABRI	AZ	IC-R70	!6	TALBOT	LARRY	WI	FR67
4	GROSVENOR	NORMA	CA	FR67	!4	TANAKA	MASAH	JP	R1000
2	GUNTER	JOHN	NC	R1000	!3	TAYLOR	JOHN	MO	
1	HACKNEY	RICHA	TN	DX302	!5	TAYLOR	LYLE	SD	FRG7700
1	HALBERT	DANIE	CA	TS-430S	!2	THIBODEAX	KEITH	LA	
3	HALL	STU	CA	DX300	!1	THIM	WILLI	CT	
3	HANCOCK	JOHN	AL	SPR4	!1	THOMPSON	GLENN	NM	FRG7
1	HARDESTER	MICHA	NC		!5	THOMPSON	PEGGY	CA	FRG7
1	HARRINGTON	ROB	CO		!6	THUNBERG	BOB	PA	SSR1
1	HARRIS	MIKE	FL	DX302	ICF2001	!2	TILLEY	DOUGL	CO
1	HEIN	DONAL	PA		!4	TIMFEEV	ALEXA	FG	ICF2001
1	HENAUT	JOHN	MA	FRG7000	!2	TRAGER	TIMOT	CA	FRG7700
1	HENSLEY	WAYNE	TX		!5	TRENT	JOHN	AK	RF2900
8	HESCH	RUTH	NY	R1000	!4	ULMER	DOUG	FG	R1000
3	HILL	ELAIN	SC	FRG7700	!4	VAN HORN	GAYLE	TX	RF3100
2	HODGSON	CHARL	SA		!2	WALTERS	JOHN	NJ	R-1530
1	HOLBROOK	HANK	MD	HQ129	!1	WARD	HENRY	GU	IC-R70
1	HORVITZ	ROBER	RI		!1	WEIKEL	FRANK	MI	FRG7000
5	HOSMER	DONAL	MI	R2000	ICF2001	!1	WELCH	FRANK	MA
2	HOTALING	STAN	NV		RF2800	!3	WHITE	CLARE	KS
1	HOWARTH	CHEST	WA		SPR4	!1	WIEBOLDT	BETSY	FL
1	HUFFAKER	CARL	MX		!1	WILKINS	JOHN	CO	R1000
11	HULL	DICK	CA		!3	WILLIAMS	JOHN	MN	ITT3010
1	JOHNSON	DON	WA		!1	WILSON	DAVID	PA	
5	JOHNSON	FRED	IL	RF2200	!3	WIMMERS	BERNI	VA	R1000
5	JONES	BRIAN	TX		!4	WITTE	MARJO	CA	FRG7
3	JONES	DAVID	VA		!7	WOOD	RICHA	SU	R1000
7	KAPINOS	JOHN	MA	R2000	FRG7	!3	WOROB	PHILI	TX
4	KARNS II	SHERM	OK	DX100	!2	YAJKO	ROBER	PA	SPR4
4	KEENAN	DAVID	CA		!1	YINGLING	THOMA	MD	FRG7700
1	KEPHART	THOMA	MI		!2	ZILMER	ROBER	NM	R1000
4	KERRIGAN	PATRI	IL	R1000	!3	ZIMMERMANN	DIRK	FB	ICF5900
2	KIVELL	BOB	NM		!3	ZOLLA	RICK	CA	

Well, things are beginning to shape up now with our new computerized contributor system. I just received the list from Vera Crable which will bring the files up to date. This will be reflected in next months bulletin and mailing labels. Also, next month you should see a new format for the Contributors List. I received many helpful hints on what you want for the list and we'll do it for you next time. Was going to do it this month, but no time due to the ANARC Convention. Anyway, onto the ads now, via David Sharp, our ad editor....

Unemployed Sale: Kenwood R1000, \$399.00; Sony ICF2001, \$150.00; Sony ICF5900 W, \$100.00; KS Preselector (Radio West), \$50.00. John P. Kana, 260 Huntington Ct., Fayetteville, GA 30214, or call 1-404-461-4847. No collects, please.

For Sale: Gilfer modified FRG 7700 with 12 or 244 channel memory, \$430.00. Jim Hartung, 601 Rowe Dr., Aberdeen, MD, 21001.

Will Trade Palomar Loop (loop only) for tropical bands (1600 kHz to 5 MHz) for BCB Loop (530 to 1600 kHz), or will buy BCB Loop. Tony Kobylski, 726 So. Clinton St., Bacto, MD 21224, or call 1-301-563-0039.

For Sale: Hallicrafters SX-100 general coverage rcvr. Great shape, selective and sensitive w/notch filter and 5 filters (5, 3, 2, 1, .5 kHz). Aligned, new tubes, 30-239 coax connector added 11/81. Complete w/ manual + schematics, \$175. Kantronics "Signal Enforcer" dual audio filter cleans up those messy signals, \$100.00. I pay UPS in continental 48 states. Steve Pacetti, 12751 Alameda Dr., Lakewood, CO 80228, 1-303-985-2475, 0000-0400 weekdays, no collects, please.

For Sale: Yaesu FRG- 7700, Radio West DXer version, Collins 2.9 and 1.9 mech filters, 9 mos. old, absolute mint condition with cover, must sell- \$450.00; Keith J. Thibodeaux, 9525 Woodbine Dr., Baton Rouge, LA 70815, 1-504-928-5759.

For Sale: Info-tech M-200-F RTTY/CW demodulator. One year old, pristine condition, \$275.00 includes shipping. Howard Huddleston, 3305 Aberdeen Way, Houston, TX 77025, 1-713-666-9650. No Collects.

For Sale: NRD- 515 with speaker, 3 collins filters added. \$1395 or best offer. Also, Sony ICF- 7600A w/AC adaptor, \$85. Both UPS paid. Mark Gorden, 1-415-556-5116 (days), or 415-752-2013, eves and weekends.

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