

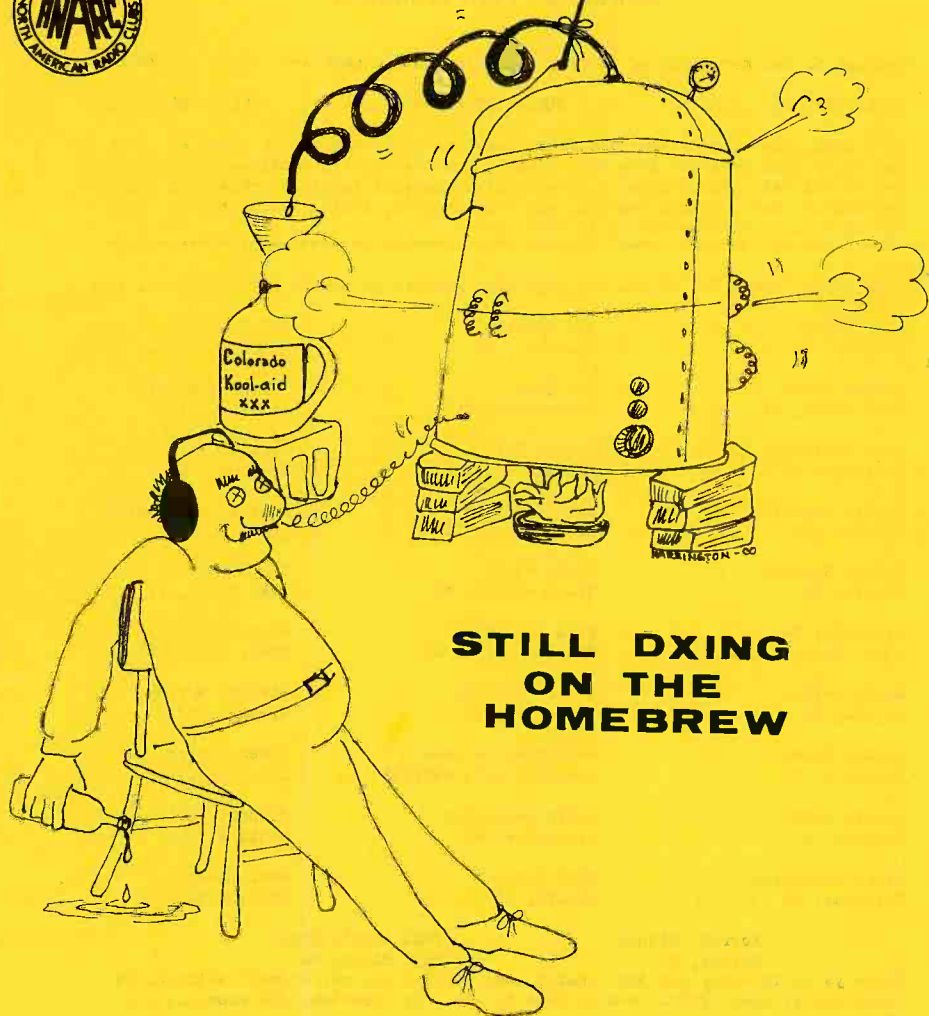
# SPEEDY

The DX Radio Magazine for Active SWL's

Volume XIV

June 1984

Number 6



**STILL DXING  
ON THE  
HOMEBREW**

# SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Welcome to another month of Spotlights. This month, there are three new FM's!

JAMES HARTUNG.....MD

NORMAN STEPHENSON...CA

PETER SZABO...KS

Well gang, you've done your stuff, and now you're on top of the page. We hope you enjoy your benefits as a Full Member, and that you'll continue to contribute to maintain your status. I have received several inquiries regarding Full Membership from various members, and rest assured, folks, those will be passed on to John Trautschold up in Palatine....

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This month, there are 32 new and rejoining members to add to our roster.....

A.A. Clark  
Tenafly, NJ

Ken Kimura  
Elmhurst, NY

Dr. A. Mattay  
Beverly Hills, CA

Steven Gross  
Dana Point, CA

Ken Hunt  
Sacramento, CA

George Heaviside  
La Mesa, CA

Jack Swearngen  
Torrance, CA

Robert Duff  
Mattapoissett, MA

Gerald Sharp  
Longmont, CO

Philip Cambell  
Windham, NH

Greg Shepherd  
Bloomington, IL

Russell Rosenquist  
Lincoln, NE

Robert Sevacko  
Dublin, PA

Craig Wicks  
Grand Rapids, MI

Ken Davis  
Lake Wales, FL

Alexander Mason  
Ajax, Ont., Canada

Eric Cooper  
Mission Viejo, CA

Kenneth Newell  
Miami Lakes, FL

Wayne Heinen  
Aurora, CO

Robert Ruckman  
Kettering, OH

Stephen Murphy  
Clawson, MI

Donald Hosmer  
Dearborn, MI

Ferdinand De Cassan  
Leopoldsdorf, AUSTRIA

James Church  
San Diego, CA

Ronald Hood  
Trenton, MI

David MacDonald  
Frederick, MD

Micheal Scott  
Benicia, CA

Elmer Mensching  
Columbus, GA

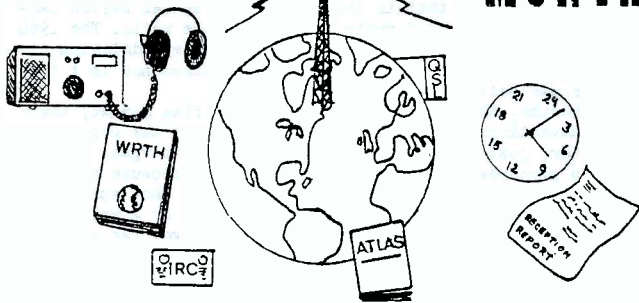
Mark Edson  
Orcutt, CA

Paul Ostand  
Cincinnati, OH

Forrest Bishop  
Delmar, CA

Paul Bongiovanni  
Fall River, MA

There ya go friends, and just enough room to give you our warmest welcome. We think you'll like SPEEDX, and we hope to see your contributions soon.....

**DX****MONTAGE**

DAVID SHARP  
17602 MEADOWBRIDGE  
LUTZ, FL 33549

DEADLINE: 12th of  
the month

contests\*club info\*tips  
anecdotes\*humor and fun

Hi friends, and greetings from a sunny, hot, and humid Florida. By the time you read this, I will have graduated from high school, and summer vacation will be in full swing. It also means that I will begin concentrating on my new job at radio station WLPJ 91.5 FM. The station is brand-new in Tampa Bay, and I'm their morning DJ from 6:00 AM to Noon on Saturdays and Sundays. If you're in the area, and enjoy adult contemporary music, then why not tune in one morning? It'll prove quick enough nobody's perfect, hi. As usual, you guys 'n gals have come through with some great material, so let's get to it, shall we?

**SPEEDX** is looking for a good typist to edit our Tips & Topics section. After ten faithful years, Art Getzel wishes to be replaced. This column is not time dated like the logging sections so one has more time to do it. A good typewriter (preferably carbon ribbon), and a good knowledge of the EE language, and a few hours a month to devote are the requirements. If interested, write to our managing editor: Rick Drollinger, 9529 West Sarasota Place, Milwaukee, WI 53222. If you feel qualified to edit our utility section, drop a line to the same QTH, stating qualifications. Mike is thinking about bowing out.....

**The Loss of a Fellow DXer:** We regret to report the passing of Perry Ferrell, head of Gilfer's, the east coast SW supply source for many years. Perry was killed in an automobile accident in late April. Jean, his wife, was not seriously injured and is recovering nicely. We offer our kind thoughts to Jean and family. We hope that Gilfer's will continue to offer the SW hobby a variety of gear, both equipment and books, that they have in the past. **QTH is:** Gilfer Associates, Inc., P.O. Box 239, Park Ridge, NJ 07656. (Thanks to **Don Johnson** aka **Elsinore** fame for this. As a matter of fact, I have tried phoning Gilfer several times to inquire as to the fate of the company. Unfortunately, I have been unable to get through to them. We hope that if anyone has info regarding this they will pass it on...ds)

**Clandestine Enthusiasts...Arise!** The Clandestine Intelligence Network's (CIN) newsletter is now offering past issues which include English language transcripts for the Voice of Sandino and the Voice of Free Nicaragua. The two available issues (summer and fall 1983) may be ordered for 4.00 each. Those who may be interested may get more information by writing to the following address: C.I.N. Newsletter, c/o Vito Echevarria, 648 Amsterdam Ave., New York, NY 10025.....

**Eric Bueneman-MO** forwards information regarding a St. Louis area DX club: Gateway DX Club International (836 Lamplight Lane, Hazelwood, MO 63042) is currently looking for members in the St. Louis area, though membership is open worldwide. They offer a bulletin, the "DX Scene," six times per year in English. Dues are 4.00 per year, and sample copies are available for an SASE in the U.S. and 2 IRC's worldwide. Goodluck, folks! ds.

Another person wishing to organize a local club is **Ken Hunt**. If you live in the Sacramento area, and are interested, then get in touch with Ken at: 3157 Iberian Drive, Sacramento, CA 95833.....

Via **Peggy Thompson's** penfriend in India comes the following late DX news: Vladivostock, Siberia (USSR) has added a news bulletin on Saturdays from 0847 to 0852 UTC for the Russian fleet. This is a rare broadcast in EE and the station opens and closes the EE news with its own ID. Transmissions are on 17870 and 21530 kHz. Also, the ORF-Austria is testing SSB broadcasts with a 300 kW transmitter with a 6 dB depressed carrier on 6155 kHz (no time given, ds. Thanks for your kind note regarding the column, Peggy!)

Our Canadian friend, **Ken L.A. Burgess**, is looking for someone who will volunteer their time to read and record the monthly "Review of International Broadcasting." If you have access to a tape recorder, are fluent, and are willing to start a friendship with a blind DXer in Ohio, then please send your name, address, and phone number to Ken at: 459- 4th Ave. N.W., Swift Current, Sask., Canada S9H 0V4. You'll be glad you did! ds.

A Visit to the Dayton Hamvention: One of the nicest places for an SWL to be in late April is, of all places, Dayton, Ohio. For that is the site of the annual Dayton Hamvention, reputed to be the largest gathering of radio amateurs in the world. The 1984 Hamvention was held April 27-29, and as evidence to support my claim my admission ticket, purchased Sunday morning, had a 2h,000 series number! Paid attendance in a typical year is 22,000, but the weather was better than usual this year.

Between the manufacturers' booths, the dealers' booths and the flea market, there is more electronics gear at the Hamvention, just north of Dayton, than at the Department of Defense Electronics Supply Center, just south of Dayton. A determined bargain hunter can wait until Sunday afternoon and purchase bulky equipment for a song, because no one wants to lug all that stuff back to their store or garage. A typical Sunday show special was a Uniden CR-2021 (similar to the Radio Shack DX-400) reduced to \$160.00 by a well-known dealer/manufacturer/publisher. That's 25.00 under mail order! And if you ran out of money you could always go over and chat with the Technical Personnel Recruiter at the CIA booth!

The high point for SWLs was the well-attended Sunday morning Shortwave Listeners Forum, sponsored by the Miami Valley DX Club. This year's speakers were Fred Osterman of Universal on UBX, their computer bulletin board for hams and SWLs, Bob Grove of Grove Enterprises on usual frequencies to monitor, new equipment and questions from the floor, and surprise guest Jeff White of Radio Earth. Unfortunately, for many of the attendees, it was also the place where they learned of Oliver P. (Perry) Ferrell's death in an automobile accident one week earlier. The fate of Gilfer Associates is not known as of this writing.

I recommend that every Midwestern SWL reserve the last weekend of April to attend future Dayton Hamventions. (Thanks much to Michael Schulsinger-OH for sending this in. I hope you got your post cards, Mike. ds.)

Kraig Krist needs your assistance: Hello everyone. Welcome to another Project Coordinator Report. As I mentioned in a previous report I have Mark Johnson's The First Shack: Pitfalls and Problems ready for final typing. The only problem is that I don't have any final typist volunteers. I really need the membership assistance to help get this fine work typed and published. Any volunteers?

I have not heard from my USSR spy in quite sometime. Perhaps he has been captured and sent to Siberia. Therefore, I need someone that can and will update the SPEEDX Guide to Soviet Broadcasting. Hoping to hear from many volunteers. 73's, Kraig. (C'mon folks, let's help to get these projects rolling! ds.)

More news from Mike Schulsinger is the March 1984 issue of Soviet Life magazine features a four page article on Mayak, the 24 hour radio program. (Soviet Life is available at university libraries and Communist Party Cells everywhere!) (Hmmm...my high school library subscribes to Soviet Life, does that mean it's a Communist Party Cell, too? Hi. Seriously, if I can secure a copy of the article, we'll feature Mayak in a future Montage. ds.)

Last month in these pages we discussed the problems in obtaining a verification from Radio Tirana in Albania. Tom McKeon, who was kind enough to call, says the station appreciates detailed reports on broadcasts; the best times to listen are the 1230 and 0630 UTC transmissions. No return postage is needed for a reply from the station, though most mail is sent via surface mail, ergo, a long wait for a veri should be expected. Tom also mentions that Radio Tirana often features local music, which is quite unique and very listenable. (Thanks again for the call, Tom. Hope you had a great time in Florida, and hope you can make it to the Tampa area next time! ds.)

2nd Annual SPEEDX Shortwave Popularity Poll is now in progress. Last year, many of you sent in your choices for the first popularity poll, the final result being a landslide victory for Radio Canada International. Now...it's once again time for you to send in your list of favorite stations (in order of preference), programs, and personalities. All votes received will be tabulated, and final results (to be passed on to various DX programs) will be presented in October or November. Now is the time to let your voice be heard, so please send in your choices as soon as possible. As always, all who participate will receive a membership credit....ds.

WANTED: Dentist to make filling resonate to receive the BBC for an SWL who has no rx. Apply to: John H. Demmitt, Box A K08L8, Bellefonte, PA 16823. (My sister goes to a great orthodontist for her braces. Will he do, John? Hi. ds.)

Big News from Mauritius: The Mauritius Broadcasting Corporation is currently determining the feasibility for the introduction of a 50 kW shortwave operation to begin soon. No doubt this would be to better cover the Indian Ocean area, but, such a power raise would make the station much easier to hear in North America. No news on new frequencies, etc., but presumably, they will remain on 9709 kHz. More on this as information becomes available. Thanks go out to my penfriend in Mauritius for forwarding this late info....ds.

\*\*\*\*FAILURES OFTEN LEAD TO GREAT TRIUMPHS\*\*\*\*

DXM Station Review: WWV/WWVH: Many SPEEDXers regularly tune in the National Bureau of Standards stations WWV from Boulder, CO or WWVH from Kauai, HI. A time check is straight forward, accurate, fast, and free. The prerecorded voices of Mr. Don Elliott (WWV) and Mrs. Jane Barbe (WWVH; both of Atlanta) announce the start of each minute. If DXers consider such xsmns simply a substitute for a call to the telephone company, they miss the variety of information and amazing technical detail compacted by the NBS into the program format of these stations. In fact, each hour of a WWV xsmn fulfills eight different functions as outlined below:

First, voice announcements identify each minute in UTC. Secondly, standard time intervals of seconds are marked by signals resembling ticks of a clock (accurate on a daily basis to within 1 in 1 trillion parts). Each "tick" consists of precise 0.005 sec. pulses of 1000 Hz (WWV)/1200 Hz (WWVH; on the minute, the tick is 0.8 sec. long.) Each hour begins with a 0.8 sec. pulse of 1500 Hz. Thirdly, four standard audio frequencies are broadcast (accurate to 1 in 100 billion parts): 500 and 600 Hz tones are used in alternate minutes during most of an hour. At the third minute of each hour, 440 Hz is broadcast and serves as an hour marker for automated services. Also, a 100 Hz subcarrier is transmitted. Fourthly, the status of the eight Omega Navigation System stations, 10-14 kHz navigation aids, is given at minute 16 on WWV (min. 47 WWVH.) A three-part, current, geophysical alert is transmitted on WWV only at min. 18. These "Geoalerts" indicate the state of the sun and the earth's geomagnetic field under various headings (solar flux, estimated A-index, and the like).

A sixth service at minutes 8-10 (WWV) provides marine storm warnings for the Atlantic and eastern N. Pacific (at mins. 48-50 on WWVH for eastern and central N. Pacific.) Updates from the National Weather Service are made four times daily. The seventh and eighth services are extremely technical. In one, a binary coded decimal (BCD) code is continually broadcast on a 100 Hz subcarrier. This code allows scientists in several different locations to collect data simultaneously with a common time reference. Finally, some scientists and others need extremely exact time in reference to the earth's own rotation (a variable phenomenon) rather than to an absolute, atomic clock-based standard (UTC.) Time measured as a function of the earth's movements is called UT1. To keep UTC and UT1 within 0.9 sec. of each other, "leap" seconds are inserted about once a year.

So, you can see that WWV/WWVH has a program even more complicated than the details listed in the WRTH. SPEEDXers wanting to learn more about these NBS services should consult NBS special publication 432 (September 1979) and the 2/29/83 Errata update sheet, both available via WWV. (Tnx go out to Fr. Vincent Hevern, SJ- NY for taking the time to research this...no doubt it wouldn't be found in Program Panorama, hi! More station feature contributions from the membership would be appreciated. ds.)

A YL in Argentina, Martha Berlanda (Ave. Del Tejar 2546, 1428 Buenos Aires, Argentina), is wanting to trade first day covers, QSLs, and stamps with an Antarctic theme. If you are in to Way Down Under goodies, then why not drop Martha a line. Also, through Ken Eaton, comes word of a British DXer in need of obtaining crystals for a Tandy crystal controlled scanner, which covers 66-88, 116-136, 144-174, 430-470, and 470-490 MHz. If you can help, then write to: Tony Chaffe, 58 The Croft, Haltonbrow, Runcorn Cheshire, England WA7 2EZ. (Ken, thanks very much for your kind comments. They were really appreciated. ds.)

Pin the Tail on Ye Ed: Well, I bet you were beginning to think there would be no contest this month...but here it is, as usual. We did have a winner to last month's competition. Joe Talbot, way up there in Red Deer, Alberta, Canada, knew the logo in last month's column was from Radio Greenland. For his super work, Joe will get some bumper stickers from local radio stations here in Florida in the not too distant future. Now, this month's competition: In the United States, there are three classes of FM stations; Class A, B, and C. Anyone who can tell me the power limitations common to each of these classes will win a sub to the SPEEDXGram. Here's a clue: In which class would your 100 kW powerhouse be? Goodluck, and as always, all entries will get a membership credit. Overseas entries postmarked by the 20th of the month will be accepted.....ds.

Well, the end of the page has worked its way up, so its about time to sign off until next month. At deadline time, my "trusty" Smith Corona fell apart, so I'm using a friend's typewriter to complete the column. I just hope it's readable when reproduced! This month, there were over thirty contributors...let's see if we can up that another ten next month. Your contributions, letters, "atta-boys" and gripes are always welcome, so please do take the time to write in. There can't be a DXM without input.....

CRACKER COUNTRY: You know you're about to get that great catch when the YXL turns on the vacuum cleaner.....

73 and best,  
David

# Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR:

YOUR NAME HERE

That's right! We need a new editor for "Tips and Topics", as well as for "Technical Topics." If you have a few hours a month that you could spare to edit one of these SPEEDX columns, and would like the instant notoriety and fame that follows (Well, hopefully, anyway), just drop Rick Drollinger a line at the following address...

Rick Drollinger  
Managing Editor, SPEEDX  
9529 West Sarasota Place  
Milwaukee, WI 53222

SPEEDX editor-types do have to put in a few extra hours for the benefit of other SWLs, but the satisfaction of producing a good column and even having it quoted in other publications is a real nice feeling, as any current editor will tell you. Not to mention the "perks" the editors enjoy, like free subscriptions to the bulletin and SPEEDXGRAM. Find out all about it by writing to Rick today!

Also, we're looking for a future replacement for two more fine SPEEDX volunteers...UTE Scene editor Mike Chabak and Rick Drollinger himself. Mike's last column will be October, so we definitely need someone before then. Once again, write Rick if you're interested. As for Rick, his situation is not as frantic, but we would like to find a SPEEDXer from Michigan, if possible, to take over the ME's duties, mainly to make communications between the publisher and Managing Editor a little easier. (If you're worried about "being in charge", it really doesn't take much more time than any other SPEEDX editorship. You have to allocate pages for each month's bulletin, and find replacement editors when necessary. Sounds easy, huh?) Send Rick a note if you'd like more details, or you can write to me, too. My address is on page 28.

Thanks for your attention and help!

*Tom Feplant*  
"brand new publisher"

TRI

LINGUAL

RECEPTION

REPORT FORMS

LISTEN TO THE WORLD



ON SHORTWAVE RADIO

DATE (day) [ ] [ ] (month) [ ] [ ] (year) [ ] [ ] [ ]  
 DATE (jour) [ ] [ ] (mois) [ ] [ ] (année) [ ] [ ] [ ]  
 FECHA (día) [ ] [ ] (mes) [ ] [ ] (año) [ ] [ ] [ ]

RECEPTION REPORT  
 RAPPORT DE RÉCEPTION  
 INFORME DE RECEPCIÓN

To the right is a portion of the MULTI LINGUAL report forms available to SPEEDXERS.

These forms were designed primarily for the convenience of the station technician who will eventually read it. They were developed with the assistance of several broadcast technicians..... hence our claim of it being "Broadcaster Approved".

Order these forms from: John Trautschold, 354 N.Winston Dr., Palatine, IL 60067

Three (3) forms may be obtained for each credit point earned up to eighteen (18) forms per order. 2 credit points = 6 forms, 3 points = 9 forms, etc.

Only the three SPEEDX magazine issues immediately preceding any order may be used to qualify for an order, and only one order per month will be accepted.

To receive free report forms, simply send a business-size (4x9½) self-addressed stamped envelope to the address above. Attach one first class postage stamp (in the USA) for each 6 forms (or portion of) ordered. Outside the USA send IRC's. Please mention which issue(s) qualify you for the order.

These forms are available to ACTIVE SPEEDX CLUB MEMBERS ONLY! None other need apply! Be sure to order from the Palatine, Illinois **QTH**. **NOT HQS!!**

G.M.T. LOCAL TIME  ON A FREQUENCY OF  KILOHERTZ  
 G.M.T. HEURE LOCALE SUR LA FREQUENCE DE [ ] [ ] [ ] [ ] KILOHERTZ  
 P.M.S. HORA LOCAL FRECUENCIA DE [ ] [ ] [ ] [ ] KILOHERTZ

ANTENNA OF METERS INSTALLED OUTSIDE  INDOORS  
 ANTENNE DE MÈTRES INSTALLATION EXTÉRIEURE INTÉRIEURE  
 ANTENA DE METROS INSTALACIÓN EXTERIOR INTERIOR

OVERALL TECHNICAL QUALITY  
 QUALITÉ TECHNIQUE DE L'ENSEMBLE  
 CALIDAD TÉCNICA EN TODO

0

Excellent, Excelente, Excelente	
Good, Bonne, Buena	
Fair, Moyen, Mediana	
Poor, Mauvaise, Mala	
Unusable, Inutilizable, Inutilizable	

IN (LANGUAGE) ENGLISH  
 EN (LANGUE) FRANÇAISE  
 EN EL IDIOMA ESPAÑOL

COUNTRY	JAN	FEB	MAR	GRID COORDINATE	
AFGANS & ISSAS	1450-0326	1457-0319	1506-0310	43.00E	11.50N
AFGHANISTAN	1220-0226	1246-0200	1316-0130	69.23E	34.65N
ALASKA-Anchorage	0056-1902	0220-1739	0341-1617	149.80W	61.20N
ALBANIA	1520-0602	1554-0527	1632-0449	19.83E	41.30N
ALGERIA	1639-0656	1708-0627	1748-0555	3.18E	36.70N
ANDORRA	1629-0719	1705-0643	1745-0603	1.50E	42.63N
ANGOLA	1721-0453	1715-0459	1709-0505	13.25E	8.83S
ANGUILLA	2142-1041	2154-1029	2208-1015	62.90W	18.25N
ANTARCTICA-McMur.	24hr-LITE	24hr-LITE	0745-1815	165.00E	77.50S
ANTIGUA	2138-1034	2150-1022	2203-1009	61.53W	17.11N
ARGENTINA	2257-0850	2230-0917	2200-0947	58.36W	34.60S

SUNSET - SUNRISE BOOKLET

Above is an actual excerpt from this 16 page booklet. It lists the sunset-sunrise times in GMT for 265 sites around the world. Computerized for accuracy! Included is a mathematical formula for computing the times for any site not listed. A very handy DXing aid!

Order this from Club HQ. address on back cover.



# TECHNICAL TOPICS

Editor

## SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➔

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

### HELP WANTED ! ! ! ! !

First, let me apologize for the missing columns as of late! My job and other commitments have prevented me from doing the necessary research to write this column each month. So I am afraid I must resign this post as soon as someone can be found to replace me!

I would like to herewith, ask for a volunteer to step forward and "take the reins" of Technical Topics". You must be able to devote a few hours a month spare time to doing research on new items, answering letters and writing this page. Naturally, some kind of technical background is very desirable. The pay???.the satisfaction of doing a job for fellow DXers and a few "freebies" that the Staff at SPEEDX enjoys.

Lately, (for the past 6-9 months..) business for the firm I work for (ITT Mackay Marine) has fallen drastically in that time here in the Port of New Orleans area. This has caused some shakeups here and there, and increased my workload. In fact everyone in the marine electronics business here has felt the pinch. For those of you who don't already know, I am a field service engineer/trouble-shooter for this area.

I will still be here for those of you who may have old receivers you may want repaired, and I still have a nice supply of parts for the Barlow-Wadley XCR-30 series receivers. I will be supplying parts and servicing these for a while, unless someone purchases my supplies for them. As "Bayoutronic" receiver repairs will continue, and I hope to be able to devote more time to this in the future.

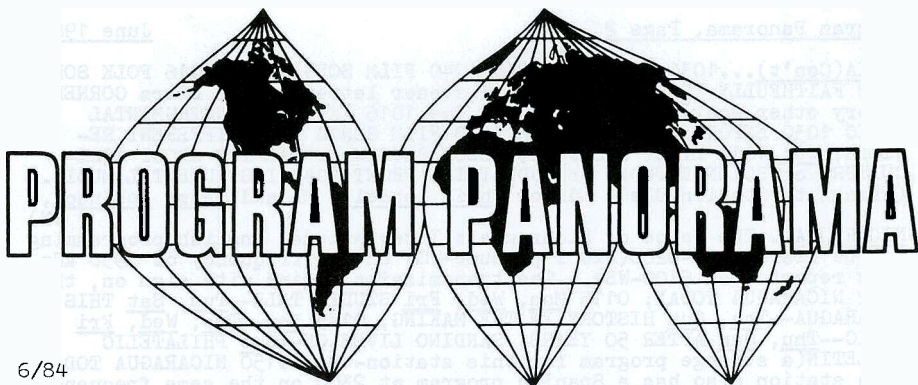
I think it only fitting that I devote this space to the President of Gilfer Associates, Mr. O. Perry Ferrell, who was killed in an untimely automobile accident a few weeks ago. Perry did quite a bit to promote shortwave radio in his lifetime and will be missed by many. He is survived by his wife Jeanne and his son Mike. R.I.P.

\*\*\*\*\*  
FOR SALE: Two YAESU FRG-7 receivers... One in excellent condition (MINT!) with improved selectivity mods., AGC mod. sell for \$175 postpaid. The second in good physical shape, a few cabinet blemishes, and a built-in "prototype" digital dial that reads in 0.1 khz. steps. (viz.: 000.0 thru 999.9 khz with overlap at the ends.) This second set has no battery box. (No problem to 110volt ac or 12 volt dc operations!) Sell this one for \$175 as well. Contact Sandy Blaize, at address above if you are interested.  
\*\*\*\*\*

MORE COMMENT: Many thanks to all of you who wrote in supplying information, radios, suggestions, criticisms, and support over that past few years!! Without you, this column could not have survived. I hope you will continue to support my replacement! Best DXing and 73,

*Sandy*





# PROGRAM PANORAMA

6/84

Woody Seymour, Jr. P.O. Box 848 Sanford, N.C. 27330

THE TORCH IS PASSED...The past month has seen the departure of three SPEEDXers from key responsibilities in the club. Business Manager/Treas. Don Johnson has spent over a decade in that position. Don has made Lake Elsinore, CA an internationally-known community as the HQ of the SPEEDX club. Now, upon stepping down from his position, Don hopes to try something new--like listening to the radio! Arthur Getzel has announced his resignation as Editor of Tips & Topics. Arthur has prepared over 120 columns for SPEEDX, and he has prepared them well. He'll leave some pretty big shoes to fill. John Trautschold has been Publisher of the magazine for about five years. He may be turning in his publishing hat, but he'll continue to wear the Contributors Column and Board of Directors ones. These three men have given many hours of their time for the benefit of the club. We owe them a round of thanks for a job well done. With all the extra time they'll have each month, we will expect regular contributions to Program Panorama! With new Business Manager/Treasurer Jack Sanderson and new Publisher Tom Kephart, the Torch of Leadership is now passed. Let's welcome them and give them our support. SPEEDX moves on.....

AUSTRALIA...RA's programming, pro and con, taken from April 1984 issue of Review of International Broadcasting(#87). We'll let you know when Glenn Hauser's new address is announced. Now for comments: PRO--(Paul Burkhardt, MA)"From what I have heard of the programming on Radio Australia, that station is one of the most, if not the most, friendliest shortwave station in the world. They may not be the strongest overall station, but they are my all-time favorite, because of the relaxed and down-to-earth way they spread their image. We could learn a lot from our friends down under." CON--(Barry Hartley, NZ)"...it's really hard to believe that(Radio Australia) and ABC domestic service are part of one organization. The real turn-off for me as far as RA is concerned is (what) they call music. I can hear mountains of that on our local "Radio Morons" without going to the trouble of tuning it in on shortwave. RA's news, current affairs and most spoken programs are fine but as soon as (pop music) appears, I (turn off my radio). A relay of either of the Melbourne domestic services for several hours a day would be great. Until around 1974 I listened a lot to RA; they were a good station to listen to with a good variety of programs--they even play quite a bit of classical music and took musical requests from listeners!...Who knows, perhaps one day RA will again revert to what they once were--a station that seemed to be in touch with their listeners; they don't appear to be now."

INDIA...All India Radio broadcasts in English to Northeast Asia and Australia/New Zealand 1000-1100 UTC in the 16 and 19 meter bands. You can hear daily features, including NEWS at the opening and closing of each transmission, COMMENTARY at 1010, followed by PROGRAM SUMMARY. PRESS REVIEW can be heard at 1050. Weekly programs are (note that AIR's"week"begins on Thursday): Thu 1016 RABINDRA SANGEET 1030 PANORAMA OF PROGRESS 1040 LIGHT INSTRUMENTAL MUSIC; Fri 1016 LIGHT MUSIC 1030 TALK, HORIZON or LITERARY MAGAZINE 1040 ORCHESTRAL MUSIC; Sat 1016 FILM SONGS 1030 MAINLY FOR TOURISTS, INDIAN CINEMA, SPORTS FOLIO or FILM REVIEW 1040 FOLK SONGS; Sun 1016 DEVOTIONAL MUSIC (Continued)

INDIA(Con't)...1030 WOMEN'S WORLD 1040 FILM SONGS; Mon 1016 FOLK SONGS 1030 FAITHFULLY YOURS(replies to listener letters) 1040 DXers CORNER (every other week) 1045 FILM TUNE; Tue 1016 KARNATAK INSTRUMENTAL MUSIC 1030 EXPORT FRONT or TALK 1040 FILM SONGS FROM DIFFERENT REGIONS; Wed 1016 LIGHT MUSIC 1030 BOOK REVIEW or TALKING ABOUT AGRICULTURE or SCIENCE TODAY or INDUSTRIAL FRONT 1040 INSTRUMENTAL MUSIC. (Thanks to Station Skeds Editor Chris Lobb, MA and Betsy Robinson, TN)

NICARAGUA...The Voice of Nicaragua's International English programming can be heard 0100-0200(UTC I presume-WS) on the frequency of 5950 kHz (now reported on 6100-WS). The transmission begins with sign on, then 0102 NICARAGUA TODAY; 0115 Mon, Wed, Fri STUDIO TALK--Tue, Sat THIS IS NICARAGUA--Thu, Sun HISTORY IN THE MAKING; 0145 Mon, Tue, Wed, Fri MUSIC--Thu, Sun AFTER 50 YEARS, SANDINO LIVES ON--Sat PHILATELIC BULLETIN(a strange program for this station-WS); 0150 NICARAGUA TODAY. This station also has a Spanish program at 2300 on the same frequency. There is also a broadcast 1100-1300 UTC on 11870. (Peter Szabo, KS)

PAKISTAN...Radio Pakistan broadcasts in English 1645-1745 UTC daily on 9815 and 11670 kHz. Programs include 1645 RECITATION FROM THE HOLY QURAN AND ITS TRANSLATION; 1700 NEWS; 1715 COMMENTARY; 1720 HAMD(your guess is as good as mine-WS); 1730 Sat 6TH FIVE YEAR PLAN (or If At First You Don't Succeed, Try, Try Again-WS) Sun INVESTMENT OPPORTUNITIES IN PAKISTAN Mon PICTURESQUE PAKISTAN Tue WEEKLY ROUND UP Wed WOMEN IN PROFESSION Thu EMINENT MUSLIM HISTORIANS Fri SAYINGS OF THE HOLY PROPHET; 1740 DEVOTIONAL SONGS 1745 CLOSE DOWN. (Thanks to Station Skeds Editor Chris Lobb, MA)

SWITZERLAND...DATELINE continues as the Mon-Fri staple of SRI's programming. On Sat you can hear THE GREAT SATURDAY GRAPEVINE(1st, 3rd) or THE SWISS SHORTWAVE MERRY-GO-ROUND(2nd, 4th). Sun features IN PERSON(Swiss personalities talk about themselves, 1st Sun), ROUNDABOUT SWITZERLAND(tour of lesser-known Switzerland, 2nd Sun), SUNDAY SUPPLEMENT(in depth of topics of the week, 3rd Sun), LET THERE BE MUSIC(4th Sun), TAKE FIVE(Richard Dawson takes a tongue-in-cheek look at life in Switzerland, 5th Sun). SRI broadcasts in English to Eastern North America 0145-0215 UTC on 6135, 9725(500kW), 9885, 12035 and 1315-1345 UTC on 17765 and to Western North America 0430-0500 UTC on 9725(500 kW) and 12035 kHz. (Thanks to John Demmitt, PA)

USA...Radio Earth now broadcasts 0300-0400 UTC on 6185 kHz. Here is the daily schedule, days here are local time: Mon A CLOSER LOOK--documentary on various subjects of human interest, often Caribbean-related; THE PLATINUM EXPRESS--best and latest in Canadian rock music, produced and hosted by Wojtek Gwiazda in Montreal; Tue DAVID MONSON--commentaries, monologues, documentaries and music from Brussels, produced by one of the world's top shortwave personalities; WORLDWIDE COOKBOOK--recipes from listeners around the world; THIS IS THE CARIBBEAN--music and info from and about the Caribbean Basin, hosted by the world's most happy-go-lucky radio announcer, Rudy Espinal in Santo Domingo; Wed FOCAL POINT--news, music and features from Africa, produced and hosted by Richard Ginbey; THIS IS THE CARIBBEAN; Thu BYLINE--commentary on various social issues from Patrick Humphreys in Helsinki, often focusing on Nordic issues; SKYLINE--info on astronomy, space and how they affect SW radio reception, produced by Dave Rosenthal; THIS IS THE CARIBBEAN; Fri MAILBAG--listener letters, questions and answers, music requests and interviews, hosted by Jeff White in Chicago(and first Fri night each month, DX News from Glenn Hauser); Sat DIALOGUE--weekly communications magazine for SWLers and DXers, hosted by Jeff White; SPECTRUM--communications-related features from Dick Speakman in Australia(not every week); THIS IS THE CARIBBEAN; Sun SHORTWAVE PANDEMONIUM--folk music from various countries, comedy and informal conversation, hosted by Kim Andrew Elliott, Jack Widner and Max Thomas in Indianapolis. (Radio Earth, in RIB #86, March 1984)

So ends another month of Program Panorama. Next month, we will look at some more interesting shortwave programs that you can listen to. We welcome your contributions--don't forget, summer is a good time to listen to shortwave--reruns on TV and lousy DX. 73, W. J. W. 5/11/84

**WORLD SERVICE****STATION SKEDS****EMISSIONS****PROGRAMMI**

Editor:

**TRASMISSIONI**

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

**PROGRAMS****ENGLISH SERVICE**

P.O. Box 146

Stoneham, MA 02180

**SERVIZIO**

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

## IN MEMORIAM

Before we begin this month's column, I would like to say something regarding the sudden passing of a great man in the hobby, O.P. "Perry" Ferrell. On Easter Morning, just after midnight, we lost this man. He was struck headon by a car going in the opposite direction whose driver fell asleep at the wheel. His wife Jeannie, who was next to him in the car was slightly injured. For those of you who don't know, Perry Ferrell was founder of Gilfer Associates, the first company to specialize in equipment for the SWL and DXer. When I began to listen in earnest back in 1967, it was the only place to buy your WRTVH from. Perry was the former editor of Popular Electronics back in the 1960s, an expert on propagation and author of the acclaimed Confidential Frequency Books. He was in the process of editing a new edition when his death occurred. He will be missed!

We are now in the J84 broadcasting period which will remain in effect until the first Sunday in September. Please send in any new schedules for this period, in a month or so I want to publish a column featuring the North American services for as many countries as possible. Remember, times are in UTC/GMT and unless noted, schedules are for English programs. Onto the skeds:

**ALGERIA.** Radio-Television Algerienne in Algiers has this sked, dated April 1984.

2000-2030 9685 Europe  
15215 South America  
17745 Africa

(J. Talbot)

**BELGIUM.** The BRT in Brussels shows this North American Service sked valid until September.

0030-0115 9925 Daily  
0715-0755 9880 Monday thru Friday  
1400-1445 17610 "

(L. Klosowski, E. Soomre, R. Zilmer)

**CZECHOSLOVAKIA.** Radio Prague, undated current schedule. North American Service.

0100-0157 5930, 7345, 9540, 9630, 9740,  
11990

0300-0357 same as above.

(E. Soomre)

**DENMARK.** Radio Denmark in Copenhagen has issued this J84 schedule. All transmission are in Danish, but there is a sign on announcement in English.

0900-0952 15165 South Europe/West Africa  
1000-1030 11960 Greenland/Pacific  
1100-1152 11720 Middle East/India  
1200-1252 15165 Africa  
1300-1352 15165 North America/Caribbean  
1400-1452 15165 Southasia/Australia  
1500-1552 15165 Western North America  
1630-1730 15165 Greenland/Pacific  
1800-1852 15165 East Africa/Middle East  
1900-1952 11760 North America  
200-2015 11805 South Europe/North Africa  
2030-2045 11805 Greenland/Pacific  
2100-2152 15165 South America/Caribbean  
2200-2252 15165 Far East/Australia  
2300-2352 15165 Western North America

(L. Danko)

**FINLAND.** Radio Finland-Helsinki. This sked is valid until September 23, 1984.

0430-0455 6120 Europe  
11755 "  
15430£ Europe/Middle East

0630-0655 6120 Europe  
11755 "

0700-0830Y 15265 Europe  
17845£ Australia/Far East

0830-0855 15265 Europe  
17845£ Australia/Far East

1100-1125Q 15400 North America  
17800£ "

1200-1225Q 15400 "  
17800£ "

1300-1325Q 15400 North America  
21475 Middle East

1230-1425Y 25950£ Africa  
15400 North America  
17800 "

1400-1425 15400 "  
17800£ "

1830-1855 6120 Europe  
11755 "

15430 "

Y = Sundays Only

Q = Monday thru Saturday only

£ = Not available on Tuesday due to transmitter maintenance.

(R. Yajko)

**FRANCE.** Radio France International has introduced two new English newscasts beginning with the J84 period.

0315-0330 7135 East/Central Africa

9545 East Africa/Indian Oc.

9790 "

9550 Middle East

15180 South America

15435 "

0345-0400 same as above. (off-the-air)

FRENCH GUIANA. Radio France International has introduced two new English newscasts (see preceeding item under France) and it is believed that the transmission to South America is from the new relay station located at Montsinery. The transmitters are rated at 500 kw.  
0315-0330 19180, 15435  
0345-0400 " " " "  
The location is assumed as no transmitter location is given.  
(off-the-air)

GABON. Radio Japan Relay over Africa #1 transmitters at Moyabi. J84 sked, valid till Sept. 1, 1984  
0700-0800 21575 Middle East/Europe  
1500-1600 21695 " "  
(E. Soomre)

GERMANY(East): Radio Berlin International. Undated sked.

0015-0100	9730	Eastern North America	1700-1715	9920	No beam indicated
	11975	" "		11590	" "
0100-0145	9730	" "		13720	" "
	11975	" "	1900-1930	9009	Africa
0230-0315	9730	" "		11655	Europe/North America
	11975	" "		12025	" "
0330-0415	9560	Western North America		13745	" "
	11840	" "		15485	Eastern Europe
	11890	" "		15585	Europe/North America
0630-0715	9560	" "		17685	Eastern Europe
	11890	" "	2130-2200	9815	Europe/North America
				11655	North/Latin America
				12025	" "
				13745	North America/Europe
				15585	Latin America
				17685	Eastern Europe
				9440	North/Latin America
				9815	Europe/North America
				11655	North/Latin America

(D. Keenan)

GERMANY(West): Radio Deutsche Welle in Cologne has this J84 sked for the North American Service.

0100-0150	6040, 6085, 6145, 9545, 9565, 9590, 11785	2300-2330	9440	North/Latin America
0500-0550	5960, 6120, 9545, 9690, 11705		9815	Europe/North America

Note: some of these frequencies are broadcasts from relay transmitters such as Antigua/Montserrat and Malta.  
(R. Munster, R. Zilmer.)

The Deutsche Welle is testing some Upper Side Band transmissions during the J84 broadcasting Period. Here is the schedule.

0415-0550	6100	Arabic Africa/ME
0600-1000	21640	German Asia/Oceania
1130-1230	11850	Japanese Japan
1245-1350	21680	Indo. Indonesia
1400-1655	9715	German Middle East
1700-2130	7225	German Africa/Europe
2200-0400	9700	German South America

These transmissions are from Wertachtal with a 300 kw transmitter, in H3E, Lower Sideband suppressed and the carrier power reduced by 6 decibels, compared to the transmitters peak envelope power.  
(R. Munster)

IRAQ. Radio Baghdad sent this undated sked recently received.  
0300-0400 21585 North/South America  
2130-2230 9610 Europe  
(T. McKeon)

No room to start Israel here. Will begin in the next column.

SPEEDX - THE CLUB THAT CARES WHAT ITS READERS THINK!

ISRAEL. The Israel Broadcasting Authority has published this J84 schedule.

0000-0025	9440	North America/Europe
	9815	" "
	11655	" "
0100-0125	9440	" "
	9815	" "
	11655	" "
0400-0415	9009	" "
	11655	Europe, North America
	12025	" "
	15105	Eastern Europe
	15485	" "
	15585	Europe/North America
	17630	Australia/NZ, Far East
1000-1030	11655	Europe/North America
	15485	Eastern Europe
	15585	Europe/North America
	15650	Australia/NZ, Far East
	17630	Europe/North America
	17815	" "
	21625	Eastern Europe
	9920	No beam indicated
	11590	" "
	13720	" "
	9009	Africa
	11655	Europe/North America
	12025	" "
	13745	" "
	15485	Eastern Europe
	15585	Europe/North America
	17685	Eastern Europe
	9815	Europe/North America
	11655	North/Latin America
	12025	" "
	13745	North America/Europe
	15585	Latin America
	17685	Eastern Europe
	9440	North/Latin America
	9815	Europe/North America
	11655	North/Latin America

(R. Zilmer)

HEBREW "RESHET BET" TO NORTH AMERICA

0300-0515	9385, 11590, 13720
0515-1000	17630
0515-1300	13720
0515-1800	15615
1000-1530	15105
1100-1300	17630
1800-2310	9385
1730-2210	9920, 11590, 13720

RESHET HEH

2330-0000	9440, 9815, 11655
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(J. Levin)

ITALY. RAI in Rome. Complete J84 English schedule.

0100-0120	9575	North America
	11800	" "
0350-0410	11905	Southeast Asia
	15330	" "
	17795	" "
0430-0440	6165	Mediterranean Area
	7275	" "
1935-1955	7275	Great Britain
	9710	" "
	11800	" "
2025-2045	7235	Near East
	9575	" "
	11800	" "
2200-2225	9710	Japan
	11800	" "
	15330	" "

(R. Zilmer)

JAPAN. Radio Japan (NHK) in Tokyo has published the following J84 regional service schedule.

0000-0100	15300	North America
	17825	"
0145-0245	15195	American/Hawaiian Serv.
	17825	"
	21610	"
	21640	"
0630-0700	17785	Europe
0845-0945	11875	Australia/New Zealand
	15235	"
1215-1245	11875	Southeast Asia
	15235	"
1800-1830	11840	South Asia/Africa
	15235	"
1930-2000	9615	Europe
	11705	"
2015-2045	9615	Middle East
	11705	"

(R. Zilmer)

NEW ZEALAND. Radio New Zealand has this J84 sked.

0345-1215	11960	Australia/Pacific
0530-1215	9520	"
1800-2115	11960	"
2115-0330	17710	"

(A. Smith)

NORWAY. Radio Norway International in Oslo. They present a 30 minute English program starting at 1000 Sunday and repeated until 0500 Monday. J84 sked.

1000-1030	9590	Europe
	15225	Far East
	17810	Australia
1300-1330	9590	Europe
	15165	Asia/Australia
	15175	Eastern North America
	21700	Middle East/East/S. Afr
1400-1430	15165	"
	15205	South Asia/Australia
	15225	Middle East/Indian Ocean
1600-1630	9600	Europe
	17740	Middle East/East Africa
	21725	"
1700-1730	15205	Eastern North America
	15175	Europe/Africa/S. Amer
	15225	Middle East/Africa
1900-1930	15175	Eastern North America
	15180	New Zealand
	15205	"
2000-2030	6015	North Europe
	15165	Mediterranean/Africa
	15175	South America
	15205	Europe/Africa/S. Amer
2200-2230	11860	Far East
	15180	Europe/South America
	15205	Australia
0000-0030*	11870	Eastern North America
	11855	South Asia/Australia
	15165	South America
	15225	South Asia/Australia
0400-0430*	9645	Western North America
	9565	Eastern North America
	15180	Middle East/East Africa
0500-0530*	11860	Western North America
	11870	ME/East & South Africa
	15180	Europe/New Zealand

\* = Monday GMT  
(D. Claytor)

PAPUA-NEW GUINEA. Here is a listing of shortwave stations operating out of this area. Sked is dated April 1983.

NATIONAL STATIONS

PORT MORESBY	3925	0730-2230	10 kw
"	4890	24 HOURS	"
MT. HAGEN	5965	2230-0630	2 kw
RABAUL	5985	2230-0630	10 kw
KEITA	6020	2230-0630	10 kw
ALOTAU	6040	2230-0630	10 kw
DARU	6080	2230-0630	10 kw
WEWAK	6140	2230-0630	10 kw
PORT MORESBY	9520	2100-0800	10 kw

PROVINCIAL SHORTWAVE STATIONS

KIME	2340	0700-2200	2 kw
KUNDIAWA	2376	"	2 kw
WABANG	2410	"	2 kw
MANUS	2428	"	2 kw
MT. HAGEN	2450	"	2 kw
POPONDETTA	2468	"	2 kw
VANIMO	3205	"	4 kw
LAE	3220	"	2 kw
KEREMA	3245	"	2 kw
MADANG	3260	"	2 kw
MENDI	3275	"	2 kw
PT. MORESBY	3290	"	2 kw
DARU	3305	"	10 kw
KEITA	3322.5	"	10 kw
WEWAK	3335	"	10 kw
ALOTAU	3360	"	10 kw
RABAUL	3385	"	10 kw
GOROKA	3395	"	2 kw
KAVIENG	3905	"	2 kw

Many thanks go to Joe Talbot of Alberta in Canada for forwarding this list. Languages vary from English, Pidgin and local.

PORTUGAL. AWR-Europe has the following Sunday schedule via RTE-Sines.  
0800-0930 9670  
(E. Soomre)

USA. WRNO-New Orleans. J84 sked good until October.

0100-0300	7355	WORLD'S FAIR STANDBY
0300-0500	6185	FREQUENCIES
0500-0700*	6045	1700-1900
0700-0900*	9585	1700-2100
0900-1200*	6185	
1200-1400*	9715	
1400-1500*	11965	
1500-1700	11965	
1700-2100	15420	
2100-2300	11965	
2300-0100	9705	

\* = Sunday only

(A. Smith)

### CONTEST

It seems nobody knew the answer to the contest I've been running for the past couple of months. The answer: "OCORA". That is what those African QSL cards from former French colonies used in the 1960s were called.

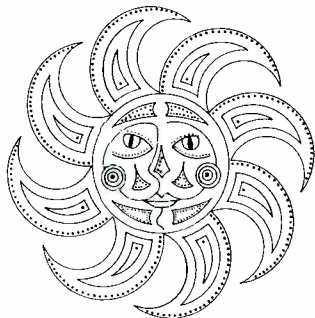
For the NEW CONTEST QUESTION: What does OCORA stand for? Prize: 2 IRCs (4 IRCs for overseas readers).

Thanks for all the great support!

73/God Bless,



YOU ARE PART OF THE BEST - SPEEDX!!



## **SPEEDX**

### **Western Hemisphere**

**EDITOR:** JOHN CEREGHIN WDX3IAO  
P.O. BOX 119  
CHARLESTOWN MARYLAND  
21914 USA

**Deadline: 12th**

**All times and dates UTC, All freqs in kHz**

JUNE 1984

As you can see above, I'm now in Charlestown for the summer, and the next 3 or 4 columns will be done here. Classes at UMaryland crank up again on Sept. 4th, so it'll be the September column before I'll be back in Morningside. Just for the record, Morningside and Charlestown are about 100 miles apart, Morningside is about 5 miles southwest of Washington, and Charlestown is almost directly halfway between Baltimore and Philadelphia.

If everything holds up, then I can proudly say we have a new publisher! Tom Kephart out in Mt. Pleasant MI now is perhaps the most single important person in SPEEDX. Let's face it, if it wasn't for the publisher, then there would be no column, and you couldn't read my constant dribbling every month!

Carl Huffaker in Mexico City has been continuing his observations of LV del CID on 5105 khz. He says that the 5105 outlet shows a continued strong signal under all propagation conditions, and what variations there are follow the Honduras pattern. The Florida sites show a somewhat different pattern. This tends one to believe that we should change its QTH to "presumed Honduras" instead of "Clandestine." Well, if I, as an editor, introduce a "presumed Honduras" subsection, then I'll need "sort of USA" for pirates, and "not quite Ecuador" for Galapagos Is.! So for now, well just put "presumed Honduras" on the back burner, until I get 12 pages a month!

#### BECMS news:

**FRENCH GUYANA...**One of the transmitters at the new SW relay station had begun operating on 1/23. Another 500kw transmitter would go into operation towards the end of the year. (Now get this..jc)When all three transmitters were in operation, they would be using up to 25% of the total electrical production of French Guyana.

With regards to RFI's expansion program over the next 5 years, the head of the English-language department said that from May 6th, RFI would be adding a 30 minute BE world service program at 0330. It would be relayed from French Guyana.

**DOMINICAN REPUBLIC...**the newspaper 'Listin Diario' reported on March 9th that the radio station Alpha Omega had celebrated its 11th anniversary of religious programming. It was on the air daily on 93.5 Mhz from 1300-1430 and planned to transmit nationwide on 4750 khz.

**NICARAGUA...**the Voice of Nicaragua external service announced on March 21st that from March 25th, it would be broadcasting on a new frequency of 6100, with 11870 as an alternate. Monitoring observations confirm that VON had switched from 5950 to 6100. It was observed in operation between 1200 and 2010. Nicaragua also registered the use of a 50kw transmitter to beam programs on the above frequency (6100) from 0000-0600 and 1000-1300 to the Americas.

From the April SPEEDXGRAM...

**CANADA...**from Glenn Hauser on World of Radio, WRNO 3/23...BEC via Sackville has moved to 9515 ex 5965 (1100-1330) also 11775 replaces 9515 (1600-1745) //15260.

**HAITI...**4VEN was observed in FF carrying FEBA programming with FEBA IDs (Bob Rankin OMDXC)

PERU...R. Tarma, 4775 was observed with EE IDs at 1057 on 3/7 (Wilkner OMDXC)  
USA...a number of new private SW stations are planned in the US. They include  
R. USA corporation in Napa CA with a jazz format in SS to Latin America.  
High Adventures Ministries for a 100kw in CA. A station in Salt Lake City  
with 100kw to simulcast KRSP w/Top 40 mx. A station in Dallas run by the  
Criswell Bible Inst. to relay KCBF FM to LAm. A 100kw station in Alabama to  
broadcast sports, soap operas, and phone ins. A religious station in  
Los Angeles with 100kw. WMLK in Bethel PA, operated by the Assemblies of  
Yahweh (R, Netherlands Medianetwork, 3/22 and 3/29)

Remember, if no language is given, the station was reported in SS (PP for  
Brazilian stations).....

A R G E N T I N A

9710 0825 R. Nacional de Buenos Aires, Argentine tango mx, TC, //9690  
w/very good sig (232 5/2 Matsui JP)  
11710 0201 RAE, EE, nx, tx abt Argentina's relation with Mexico, guitar  
mx (353 4/9 Bingham MA)  
15345 0259\* RAE, EE, multiple IDs, "Mailbag", //11710, QRM de 15340 TWR  
(232 4/14 Hevern NY)(Harrell IL)(Berkholtz MI)+5  
6060 0830 RAE (out of order ic)tango mx (343 4/19 Huffaker MX)

B O L I V I A

4755 1033 R.Emis. Bolivia, andean mx, ID "Desde Oruro, R. Emis. Bolivia"  
nx (gd 4/12 Parks FL)  
4876 0100\* R. Cruz del Sur, taped reg px w/usual out-of-country mailing  
QTH (this station a regular here)(433 4/17 Huffaker MX)(fr/pr  
4/13 Parks FL)  
4945 0903 R. Illimani, picked up during s/on w/mx and poetry, ID with  
QTH and telephone #, then into discussion of economic  
situation (444 4/14 Huffaker MX) //(443 4/26 Matsui JP)  
6105 1035 R. Panamericana, mx px "Bolivia Antena", folk mx, strong sig

B R A Z I L

3375 0950 R. Nacional Sao Gabriel do Cachoeira, lite Braz mx (333 4/26  
Coomler WA)(444 4/19 Huffaker MX)  
4755 0407 Rdiff Maranhao, Braz mx (343 4/7 Huffaker MX)  
4815 1023 R. Nacional de Tabatinga, rancheros, amnt of special px for  
Holy Week (444 4/19 Huffaker MX)(222 4/22 Gunter NC)  
4875 0300 R. Nac do Boa Vista, freqs given, then carrier off- back on  
several minutes later w/Braz mx (433 5/6 Schmautz NY)  
4905 0215 R. Araguaia, US/Braz pops, gd lvl (433 5/6 Schmautz NY)+1  
4915 0035 R. Anhanguera, soccer game, short songs played after goals  
scored. QRM (222 4/27 Dillon PA)(444 5/1 Prath FL)+1  
4985 0030 R. Brasil Central, LA mx w/occasional US songs, TCs, QRM  
(232 4/18 Dillon PA)  
5040 0252 R. Cultura do Para, Braz mx, 0300\*, lots of QRM, but good  
otherwise (444 4/24 Dillon PA):0740 (342 5/3 Thompson CA)  
6000 0737 R. Inconfidencia, reverbs, SS mx (211 4/26 Ruckman OH)  
6020 0905 R. Universo, Braz pops, QRM from R. Moscow in JJ (222 4/26  
Matsui JP):0815 (322 4/26 Ruckman OH)  
6035 2355 R. Globo, reverbs, commercials (131 4/22 Ruckman OH)  
9675 0830 R. Marumby, ID "...onda corta, 9675 khz, R. Marumby...a major  
potencia...Brasil!", Braz pops (343 4/27 Matsui JP)  
9705 0035 R. Nacional, Braz mx, TC, splash from both sides (322 4/19  
Dillon PA)  
11780 \*0758 R. Nacional do Amazonia, IS, chimes, opening mx, opening  
amnt "Bon dia, amigos da Amazonia...RN da Amazonia, Emissora  
Radiobras." into Braz pops.//9680 (444 4/26 Matsui JP)  
15290 \*0200 Radiobras, EB, wx, nx, Braz mx, exc reception (555 4/15  
Neuwerth CO)(434 4/27 Swinn CA)(333 4/13 Addison KS)+5

C H I L E

9550 1205 R. Nacional, nx and info "Onda Noticiosa". ID "...Nac de  
Chile...emisora...Onda Noticiosa" (322 4/26 Matsui JP)  
15140 0317 R. Nacional, ID "RN de Chile", LA/US ballads, nx over songs.  
Weak but clear, no QRM (242 4/30 Hevern NY)

C O L O M B I A

4755 0520 CARACOL, lite US rock mx, echo effect, CARACOL jingle. Good  
except for QRM (444 4/19 Dillon PA)  
4865 0335 LV del Cinaruco, nx, ads, CARACOL ID (444 4/18 Dillon PA)  
4875 0405 R. Super, nx, ads, nx analysis (333 4/18 Dillon PA)  
4885 0354 Ondas del Meta, DJ w/enthusiastic shout of "Ondas del Meta"  
lively LA mx (333 4/18 Dillon PA)

C O L O M B I A continued

- 5040 0401 R. Cinco, fast-paced amcr who liked to roll his r's. Only tx, no mx, so I left (333 4/14 Dillon PA)
- 5095 0200 R. Sutatenza, EZL-type mx, ID on the hour (323 5/7 Sable NY)
- 5955 0830 LV de los Centauros, fade-in at 0800, LA mx, slight het (121 4/26 Ruckman OH)
- 5975 0930 R. Macarena, ballads, gd mx (353 4/26 Ruckman OH)
- 6065 2300 R. Super, usual LA mx, OM w/"Super...Super...en Bogota" Euro QRM (422 4/28 Prath FL):0950 (333 4/24 Ruckman OH)
- 6115 0630 LV del Llano, LA mx, TCs, Super network IDs, promos (333 5/3 Schmutz NY)(6118 4/3 4/8 Dillon PA)
- 6117 0755 R. Super, normally on 6120, ID "Super, Colombia", LA vocal mx, TCs, minor VOA QRM de 6125, low QRN, clear tonight (343 4/19 Hevern NY)(444 5/1 Witte CA)
- 6150 0428 LV de Huila, (I think they used to call this mx "Porros", a verse and repetitive chorus), IDs with TCs between selections were "R. Reloj", normal IDs on 1/2 hour (444 4/19 Huffaker MX):0810 (232 4/19 Hevern NY)

E C U A D O R

- 3315 0343 R. Pastaza, LA popular mx, IDs on the 1/2 hour (242 4/19 Huffaker MEX)
- 3280 1001 LV del Napo, s/on amnt over Blue Danube mx, followed by a long list of "saludos" and "Buenas Dias" to listeners, TCs (444 4/19 Huffaker MX)
- 4656 0040 Rdif del Ecuador, song "Chiciquitta" (spelling is tent.) (I don't blame you, hi! jc) by Abba, ID, brief tx (444 5/1 Prath FL)
- 4680 0506 R. Nacional Espejo, ballads, ID (343 4/7 Huffaker MEX)
- 4920 0250 R. Quito, mx, bank ads, reg px, probably on because of Holy Week, harp mx, ID "R. Quito, LV de la Capital", TC (333 4/18 Dillon PA)
- 4977 1153 R. Tarqui, nx w/TCs btwn items, casual IDs before ads (544 4/6 Huffaker MEX)
- 5015 0855 R. Populares, harp mx, tx w/child, rooster crows and cow sounds. (545 4/7 Robinson TN)
- 5064 0249 R. Progreso, llano mx, full IDs (343 4/6 Huffaker MEX)
- 6050 0150 HCJB, local service, sports (232 4/14 Ruckman OH)+1
- 6095 0500 HCJB, EE, reg mx (545 5/5 May OH)(444 4/25 Bingham MA)+1
- 6100 0530 HCJB, EE, error or test (nom 6095)(probably just a screw-up jc)reg px (545 3/29--too old, I let this slip by..jc Robertson WA)
- 6125 0628 HCJB, EE, "DXPL" (444 4/15 Lord CA) +1
- 9745 0230 HCJB, EE, "DXPL" (433 4/9 McKinney PA)(444 4/5 Addison KS)
- 0400 HCJB, EE, LA mx, "Happiness Is..." //15155, reception was excellent (555 4/13 Neuverth CO)
- 11740 1400 HCJB, EE, "Nature Trail", mx (333 4/21 Dillon PA)
- 11960 0359 HCJB, mx, TP, ID (555 4/19 Femyer AZ)://6050 (333 4/30 Hevern NY)
- 15115 1500 HCJB, EE, "Shalome" (353 4/23 Bingham MA)
- 15155 0146 HCJB, EE, "Passport" (333 4/26 Cox CA)(Berkholtz MN)
- 0230 HCJB, EE, "DXPL" (gd 4/29 Harrell IL)(Marcie NJ)
- 0300 HCJB, EE, EE, guidelines for family living, //9745 (555 4/13 Neuverth CO)
- 15160 1921 HCJB, LA mx, TPs, nx (423 4/27 Berri CA)
- 15250 0030 HCJB, EE, "Thru the Bible" (454 4/10 Muzyka NY)(Bingham)+1
- 15295 0200 HCJB, EE, "DXPL" (433 4/15 Marcie NJ)
- 2132 HCJB, EE, "DXPL" (454 4/9 Bingham MA)
- 15390 1355 HCJB, reg mx, including Handel's Messiah, tx, plays, sermon. Listed as 15395 in WRTH (433 4/20 Dillon PA)
- 15395 1440 HCJB, tx abt "La Comisa", mx (555 4/7 Robinson TN)
- 17790 1902 HCJB, EE, "Passport", report from NASA (353 Bingham MA)
- 17890 1400 HCJB, EE, "Morning in the Mountains" //11740 (343) 15115 (444) (444 5/4 May OH)(343 4/8 Dillon PA)
- 1500 HCJB, EE, "Shalom" (433 4/24 Caceres NY)(Bingham MA)
- 21477.5 2150 HCJB, EE, DXPL, anned 21477.5 (243 4/21 Hardester NC)

F A L K L A N D I S L A N D S

- 2380! \*0859 FIBS, EE, martial mx s/on, B3CWS w/multiple BBC IDs, wx faintest reception I've gotten (via ECSS3 tuning) QSB too severe after 0915. Got it! (131 4/26 Hevern NY)(Great catch, Vincent! This is the first report I've ever seen of this frequency in the morning! Good job! jc)



F R E N C H G U I A N A

5055 0045 RFO, FF, pops, Indian/Indonesian mx, MA, IS, 0105\*, mixing with TIFC (pr 4/23 Parks FL):0907 (343 4/19 Hevern NY)  
 9605 2300 RFI Relay, FF, IS, ID w/freqs (any site or relay ID? If not, then this should be listed as tent. I hate to keep harping on that, but offically, that's the slowdown jc) nx headlines, instrumental FF vocal mx (322 4/7 Soomre MA)  
 15180t 2338 RFI Relay, FF, mx w/heavy drums, RFI ID, mx, nx (222 5/2 Knapp WV)

G U Y A N A

5950 0846 GEO, EE, Indian-style mx, "Morning nx from Channel 2" faint sig, but little QRM/QRM (242 4/19 Hevern NY)

P E R U

3310 1007 R. Bagua, TC "las 6 y 7 minutos en R. Bagua" (343 4/6 Huffaker MX)  
 4775 1015 R. Tarma, mx, andean jazz, TCs "...en R. Tarma" (343 4/19 Huffaker MEX)  
 4790 0426 R. Atlantida, EZL mx, MA and martial mx to 0449\* after "Peru Viva" crv. Some QRM de RTTY and ARO CW (232 4/7 Hevern NY)(343 4/7 Huffaker MX)(4/23 Jones TX)  
 4825 0957 LV de la Selva, tune-in to OM giving complete station info, s/on?, into drama px (433 4/26 Coomler WA)+1  
 4840 0003 R. Andahuaylas, mx, huaynos and ballads, YV absent for Holy Thursday (pr 4/20 Parks FL)  
 4935 0150 R. Tropical, Tropical mx and "Tropical" ID (343 4/6 Huffaker MEX)  
 4950 1028 R. Madre de Dios, MA, theme ("Tonight We Love"), w/long s/on amnt over (444 4/19 Huffaker MEX)(2345, 4951 fr 4/6 Parks FL)  
 4955 \*1047 R. Cultural Amauta, opens w/OA MA, brief mx bridge, YL w/noticias. QSBed 1105 (fr 4/27 Parks FL)  
 4956.5t 1040 LV de Cutervo, amnts, TCs GME-5, huaynos, ID sounded like "...transmitte Cutervo...4965 khz en la banda de 60 metros." QSBed at 1056. Bursts of CW. Codina lists stn on 4965.8 as above (fr/pr 4/29 Parks FL)  
 4975 0405 R. del Pacifico, a strong sig and in the clear all week and consistantly better than the near frequency Venezuelans, quite a change in this part of the dial (444 4/19 Huffaker MEX):0430\*, anti communist tx (fr 4/19 Parks FL)  
 4996 0115 R. Andina, LA pops, tent ID, QRM via Moscow Time Station (that's pretty good QRM..jc)(222 5/1 Prath FL)  
 5025 0245 R. Quillabamba, ID "desde la ciudad de Quillabamba, capital de la...departamento de Cuzo transmitte Radio Quillabamba" 0300\* (322 5/1 Falbo OR)  
 5030 0057 R. Los Andes, full ID at 0058 (444 4/6 Huffaker MEX)  
 6010 1110 R. America, mx, banco de Lima ad. ID "R. America" (444 4/19 Huffaker MEX)  
 6115 0715 R. Union, rancho mx (444 4/24 Ruckman OH)(Falbo OR)  
 6190 1034 R. Oriente, mx, 3 IDs in a row, strong het (211 4/24 Ruckman OH)  
 7412vt 0200 R. Cajabamba, tx, "Programa Super Romantica" w/ballads. ID sounded like "R. Cajabamba" with QTH in same city. 0238\* preceded by "Cajabamba" departamento. MA, UTE QRM (fr/pr 4/19 Parks FL)  
 9988t 0150 Estacion Dos Mil, DJ playing LA ballads, occasional amnts, SSB UTE QRM het, station located in Rioja and running 12 watts per Ralph Perry (I must say, you certainly come up with most interesting stations to report, Bill! jc) (pr 4/17 Parks FL)

U R U G U A Y

11835a 0043 R. El Espectador, "Informa Espectador" nx px on LA (333 4/27 Leeman RI)

V E N E Z U E L A

3225 0207 R. Occidente, rumba mx, anuncios, some T-storm QRM (fr 4/13 Parks FL)  
 3255 0115 R. 980/LV de El Tigre, LA mx, ads, IDs mentioned R.980 Novecientos Ochenta" and "LV de El Tigre". Fair sig, but too much QRM (343 4/27 Dillon PA)(1010 343 4/19 Huffaker)

more Venezuela on the next page!

more V E N E Z U E L A!!!

3275 0220 R. Kara, LA mx, TCs, ads, car crash sound effects (333 4/18 Dillon PA)(343 4/19 Huffaker MEX)  
4770 0142 R. Mundial Bolivar, LA vocal mx, QRM de Mayak 4765, moderate fading (333 4/30 Hevern NY)  
4830 0130 R. Tachira, YVOB, EZL mx, some orchestra/classical mx, ment of "LV Romantica" (333 4/23 Hardester NC)(433 5/2 Prath FL)  
4840 0008 R. Valera, IDs "R. Valera, siempre con la hora!", very lively LA vocal mx, moderate RTTY, fading (232 5/2 Hevern NY)  
4850 0340 R. Capital, EE pop mx, IDs, NA, 0359\*, listed in WRTH as 1kw (but it sounds stronger, doesn't it? jc) much QRM (553 4/16 Hesch NY):0810 (252 4/8 Jones TX)+4  
4970 0150 R. Rumbos, LA mx, ads, IDs (222 4/18 Dillon PA)  
4980 0308 Ecos del Tobres, IDs, caribbean mx (555 4/8 McKeon IN)+2  
4990 0103 R. Barquisimeto, LA mx, IDs, TCs (232 4/18 Dillon PA)  
5030 0322 R. Continente, LA pop mx, ads (343 5/6 Thunberg PA):0003\* (must have been one of those early sign offs, as I've heard then past 0500 at times jc)(pr 4/12 Parks FL)+2  
6180 1024 R. Turismo, LA mx, ID btwn songs (333 4/21 Dillon PA)  
9660 2245 R. Rumbos, latin mx, IDs (343 5/5 Weikel MI)+3

\*\*\*\*\*  
NORTH AND CENTRAL AMERICA

A L A S K A

9685 0720 KNILS, EE, big band px (not my kind of mx, but very well done with interviews), reg px (555 (that's awful strong Tom! jc) 4/19 McKeon IN)

A N T I G U A

6040 0100 DW Relay, EE, nx, German hit parade, GG lesson (544 4/29 Klosowski FL)(444 5/2 Gunter NC)  
6175 0203 BBC Relay, EE, wld nx (333 4/24 Stiner NY)  
0300 BBC Relay, EE, "The World Today" (444 4/10 Dillon PA)  
9510 0510 BBC Relay, EE, "Letterbox" (555 4/29 Klosowski FL)  
0624 BBC Relay, EE, British nx (555 4/13 Dillon PA)  
9690 0500 DW Relay, EE, wld nx, //9545,6120,5960 (333 4/23 Unruh HI)(444 4/18 Grosvenor CA)  
9735 1125 DW Relay, GG/EE, cmnty, GG mx, EE ID (444 5/6 Weikel MI)  
11750 0000 BBC Relay, EE, wld nx, "News About Britian", "Radio Newsreel" (433 4/27 Dillon PA)  
11775 1500 BBCWS Relay, EE, "Radio Newsreel" (333 4/21 Dillon PA)

C A N A D A

5960 \*0059 RCI, EE, sx, "Mailbag" jocularity (hi!) //9755 (433+ co-channel)(444 4/16 Hevern NY)(555 4/13 Dillon PA)  
0300 RCI, EE, "Mailbag" (555 4/30 Klosowski FL)  
2320 RCI, EE, Canadian nx, 2329\* suddenly (454 4/23 Bingham)  
6005 0703 CFCX Montreal, EE, local and trans-Canada nx, sx, local ads. "CFCF R. Montreal" ID, into adult contemporary mx tho I'm a contemporary adult and prefer heavy metal! (I don't like rock, I'm into country because I like to listen to music where I can understand all the words in the song, something I can't do when I hear a rock song, hi! jc)(fr/gd 4/28 Sheedy CA)(555 5/2 Duguay MA)+4  
6065 1327 CBCNQSWs, EE, ID "This is CBC Radio", "The Food Show" (454 4/8 Bingham MA)  
6070 0718 CFRX Toronto, EE, ad for Panasonic TVs, pop mx, TCs (333 4/13 Blanchette FL):a regular here now (343 4/19+2 Huffaker MEX)(232 4/22 Duncan NC)(333 4/13 Berkholtz MN)  
6120 0324 BBC, Sackville Relay, EE, "The World Today" (454 4/19 Femyer AZ)(444 4/8 Dillon PA)  
6160 \*0926 CKZN St. John's, EE, NA, opening amnts, CBC nx, "The Morning Show" (233 4/12 Coomler WA)(141 4/24 Ruckman Oh)(322 4/24 Gunter NC):0809 (242 4/16 Soomre MA)  
9535 2330 RCI, FR, Canadian nx (444 4/13 Langlois GA)  
9625 1430 CBC, EE, tx on currency and exchange rates (555 5/1 Duguay MA)(322 4/29 Berkholtz MN)(Bingham MA)  
9755 0000 RCI, EE, "SWLD", is 1/2-hour later than WRTH sked and spring skeds (454 4/9 Card RI)(444 4/29 Marcie NJ)+3  
11720 2100 CBCNQSWs, Eskimo, tx, pop mx, co-chan QRM de unid FF station (323 4/19 Dillon PA)  
11945 2129 RCI, EE, African Svc, "SWLD" (544 4/14 Hesch NY)

C A N A D A...continued

15260 1800 RCL, EE, world nx (4/20 444 Stephenson ??)  
 15325 1729 RCL, GG, "Mailbag" (444 4/29 Berkholtz MN)  
 1800 RCL, Hungarian, wld nx, "Ave Maria" sung, gregorian chants  
 (must be Easter px), ID in EE/FF (444 4/21 Dillon PA)  
 17820 1900 RCL, EE, "SWLD" (322 4/15 Marcie NJ)  
 1812 RCL, EE, Afro Svc, "Spectrum Canada" (353 4/24 Bingham MA)  
 2143 RCL, EE, Afro Svc, "SWLD" (555 4/14 Waelterman MO)  
 2305 RCL, SS, world nx (444 4/21 Grosvenor CA)

Sorry, but I will not print CLANDESTINES or PIRATES this month, due to impending space limitations. I feel that I should do my best to print the loggings of all the legal broadcasters first, and if I still have room, then the illegal broadcasters will be printed. This month however, I have less room, so the illegal broadcasters will have to take a back seat. Thanks for your understanding...jc

C O S T A R I C A

4825 0415 R. Columbia, LA mx, ID. This station has it's own theme song (444 4/8 Dillon PA)  
 4832 0500 R. Reloj, ID "R. Reloj", clock ticking in the backround, EZL mx, TCs, (they're laid-back on Sundays)(444 4/8 Dillon PA):0722 (242 4/23 Hevern NY)  
 5055 0344 Faro del Caribe, TIFC, EE/SS, EE reg px, into SS for ID, some het, no 779645 (333 4/7 Hevern NY)(433 4/7 Gunter NC)  
 5954 1132 R. Casino, ad string, nx brief, TC, weak het de unid. HJ absent this morning (a good time to try for this one is around 0500-0600 or so, when they have an EE px. It's not on all the time, but give it a shot. jc)(fr 4/27 Parks FL)  
 6073 0345 R. Rumbo, EZL LA tunes, ID, ads, KOed at 0400 by unid (Portugal) on 6075 (fr 4/16 Parks FL)(534 4/19 Huffaker)  
 6150 0400 R. Impacto, ID, mx, an extraordinary amount of ARO ORM (here? You sure that you weren't catching some images off 40 meters instead? jc), lost after a few minutes, but back by 0430 recheck (322 4/8 Dillon PA) Prath FL)  
 6175 1140 Faro del Caribe, reg tx, gave QTH in San Jose (444 5/6

C U B A

4765 0425 Mayak Relay, RR, tx, sounded political, cultural px (444 4/18 Dillon PA)  
 5025nf? 2354 RHC, usual px directed to CA, mostly Cuban mx, ID & freqs (but not this one)(gd 4/5 but not hrd since Parks FL)  
 10000 2350 R. Moscow Relay, EE, RM's NA Svc mixing w/WV. Presume this is via Cuba (fr 4/17 Parks FL)  
 11725 0658 RHC, EE, LA pops, ID "You are listening to R. Havanna Cuba", interview w/African ambassador, IS, closing amnt, NA, 0758\* (443 4/28 Matsui JP)  
 11760 1731 RHC, piano mx, ID, piano playing variations on R. Moscow IS (433 4/16 Dillon PA)  
 0342 RHC, EE, nx, cmnty, //11930, sx (444 4/19 Femyer AZ)  
 11840 1720 R. Moscow WS Relay, EE, cmnty, nx, "Jazz Show" (444 4/10 Dillon PA) Duncan NC)  
 2015 R. Moscow Relay, EE, px on chemical weapons (433 4/23  
 11930 0100 RHC, EE, nx, cmnty, sx, "Musical QSL" (545 4/27 Falbo OR)  
 15175 2025 RHC, EE, px on nationalization of industries (323 4/22 Duncan NC)  
 15425 1430 RHC, relaxing mx, IS (444 4/20 Dillon PA)  
 17750 2100 RHC, EE, wld nx (343 5/5 May OH)  
 17800 2040 RHC, AA, ID, political tx, marching mx (433 4/9 Dillon PA)

D O M I N I C A N R E P U B L I C

11700 1905 R. Clarin, "Panorama Mundial", hets (232 4/26 Hevern NY)+1

G U A T E M A L A

4835 0200 R. Tezulutlan, marimba mx, either completely covered by R. Reloj abt 0220 or went off (222 4/27 Dillon PA)

H A I T I

4950 1030 4VEH, Creole/FF, usual px in Creole until 1100, then FF on. IDs on the 1/2-hour and on the hour. A move from 4930 (444 4/25 Cunningham OH):0301\* (444 4/26 Huffaker MX)+3

H O N D U R A S

3250 0020 R. Luz y Vida, ID, brief nx, then to slow LA mx (333 5/3 Prath FL)(233 4/17 McKeon IN)(333 4/27 Dillon PA)

H O N D U R A S...continued  
4820 0102 LV Evangelica, special hookup for Presidential message  
(net ID "Cadena Nacional"), reg px at 0113, a lot of XE  
UTBS on freq (423 4/6 Huffaker MEX)(322 4/30 Falbo OR)+1


M E X I C O  
6105 0420 Su Pantera, disco mx, wild sound effects, this station is  
only .25kw? Incredible! (433 4/15 Dillon PA)(Robinson TN)  
6115 0011 R. Univ. de Sonora, classical vocals (add a sad face here,  
drawn by Peggy. Don't you like classical mx? I "respect"  
classical mx myself...jc)(443 5/3 Thompson CA)  
6165 1200 LV de la America Latina, XEWW, ID at tune-in, noticias,  
ad string for Mexico DF banks and other businesses (gd  
4/30 Parks FL) Gunter NC)  
9705 0445 R. Mexico Int'l, ID/freqs, guitar mx, exc px (433 4/25  
11770 1430 RMI, ID "...emissora de la capital de la republica Mexicana"  
TCS, Mexican mx, rapidly deteriorating conditions by 1458  
(343 4/21 Dillon PA)

M O N T S E R R A T  
9545 0100 DW Relay, EE, px on 50th anniv. of recording tape (444 5/1  
Gunter NC) 444 Grosvenor CA)  
11705 0525 DW Relay, EE, cmnty on Libyan situation in Britian (4/19  
11865 0030 DW Relay, PP, to Brazil, nx, mx, cmnty, 0050\*(433 4/24  
Dillon PA)


N E T H E R L A N D A N T I L L I E S  
6020 1006 RN Relay, DD, EE pops (454 4/24 Ruckman OH) Dillon PA)  
6165 0545 RN Relay, EE, wld mx, QRM Swiss RI Euro Sve (444 4/17  
0614 RN Relay, EE, wld nx, px on gardening (534 4/15 Lord CA)  
9535 0358 TWR, EE, \*0400, "Glory of the Cross"(4/24 Unruh HI)  
9590 0300 RN Relay, EE, "Happy Station"(544 4/16 Thompson CA)  
9715 0530 RN Relay, EE, "SW Feedback" (544 4/29 Klosowski FL)  
0608 RN Relay, EE, "Medianetwork" (533 4/26 Lord CA)  
11815 1115 TWR, EE, "Morning Sounds" //800 (554 4/25 Blanchette FL)+1  
15220 2030 RN Relay, EE, nx abt flu epidemic (333 4/8 Stiner NY)+1  
15315 0120 RN Relay, DD, mx, \*0125 (444 4/29 Berkholtz MN)


N I C A R A G U A  
5950 \*0400 VOMICaragua, EE, ID "You are listening to the VON, a free  
voice in America"(oh brother), nx, cmnty (454 4/5 Bingham MA)  
6018v 0400 LV de Nicaragua, EE, anncing daily EE xmsn 0400-0500 on  
6015. Not //5950 (this must be that new transmitter which  
I mentioned on my first page, jc). Occasional anti-USA  
amnts. Noted 0015-0600+ (333 4/27 Hardester NC):2355 (fr  
4/15 Parks RL):VOA QRM after 0450 (323 4/19 Hevern NY)  
(544 4/20 Huffaker MEX)(433 5/3 Thunberg PA)(Dillon PA)  
(this station seems to vary between 6015-6018 jc)  
6100 1050 VOMICaragua, something strange going on here. Radio play  
at tune-in with farmyard sound effects. Excellent lvl, but  
netting YVTO pretty badly. ID as "LV de Nicaragua presenta.."  
which threw me a bit since I had just hrd LV de Nic. IS/ID  
on their new freq of 6017.6 (from about 1052). The 6099 sta  
continued with a patriotic song, then TC and promg, while  
the 6017 sta was playing the IS/ID tape. At 1057:30, the  
6017 sta formally signed on w/full ID. Two VONs? (two  
frequencies, two transmitters, but one station I believe  
jc) Somehow suspect that the 6099 version was actually a  
cland playing games, or are both freqs legit?(444 4/27  
Cunningham OH)(222 4/24 Ruckman OH): EE, 0420 (433 4/7  
Dillon PA)(111 4/9 Ohlinger CA)(444 4/9 Valentine CA)  
(EE also reported around 0100 jc)  
6120 0400 R. Zinica, tx of anniv of Sandino, song dedication, ballad  
"una estacion de R. Sandino" not //6200, regularly heard  
now (433 4/5 Robertson WA)(433 4/15 Dillon PA)  
6200 0713 R. Sandino, px of rather good Cuban mx, frequent TCS,  
dedicated "Out of my Mind" (in EE) to American troops.  
Must be a new xmtr as quality extremely good (343 4/7  
Huffaker MEX):0235 (433 4/14 Dillon PA):0830 (252 4/8  
Jones TX)(333 5/3 Leeman RI):0950 (454 4/27 Muzyka NY)  
(certainly a fine month for Micaraguan watchers! jc)

There's no room for the 38 USA reports, but nothing new was reported.  
Check last month for all the gory details. Well, when you read this,  
I'll be back home for the summer, and maybe could be vacationing up around  
Boston for a few days! Believe me, I need some time off! 73s...John C.



# SWBC - EUROPE





EDITOR:  
 DANIEL SAMPSON  
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Deadline: 12th  
 Times and Dates: GMT  
 Frequencies: kHz

It's a bright sunny day out today and I'm stuck behind a typewriter, the things we editors have to put up with! I have seven pages to work with this month so there will be no shortage for space.

ALBANIA

- 5020 0420 R. Gjirokaster; Albanian mx (Turkish sounding), OM anc (343 4/14 Dillon-5985 2000 R. Tirana; Hungarian IS, ID "Itt Tirana beszél," nx, jammed /PA) (433 4/12 Wood-Saudi Arabia)
- 7065 0006 RT; EE march mx, YL w/tlk about working class in Albania, article from an Albanian newspaper read by YL, times of b/c mentioned, 0028\* (4/21 353 Bingham-MA) 0200 EE YL w/nx, comtry on evils of Capitalism (333 4/19 Langlois-GA) 0135 PP (333 4/19 Dillon-PA)
- 7120 0240 RT; EE YL reading report on Albanian Socialism, ID, mx, NA (343 4/28 Dillon-PA) 0133 EE wld nx w/YL anc, lost signal in QRM from VOA (222 4/21 Bingham-MA) \*0230 EE (McKeon-IN)
- 7300 \*0330 RT; EE march mx, YL w/activities from Albania, nx, tlk about Albanian stamps (454 4/14 Bingham-MA)
- 9430 1930 RT; PP IS, ID, Lisbon accent, nx, //1395 (444 4/12 Wood-Saudi Arabia)
- 9750 0136 RT; EE tlk about Albanian literature & cultural heritage, tlk about European Common Market, 0159\* (322 4/25 Bingham-MA)
- 11985 0710 RT; EE comtry on development of Gjirokaster, US budget deficit (333 4/16 McKeon-IN)

AUSTRIA

- 5945 0130 ÖRF; EE nx, wx, comtry on diplomatic immunity, "The Austrian PTT forbids us from using out-of-band freqs, excessive power" (444 4/28 Klosowski-FL) 0205 GG nx, ID by OM (333 5/5 Berkholtz-MN)(Blanchette-FL)(Langlois-GA) (Bingham-MA)(Mendez-NJ)(Dillon-PA)
- 6000 0401 ÖRF; GG ID by YL as "Österreichischer Rundfunk," Austrian nx, local mx (polkas, waltzes, believe this is 10 kW regional transmitter in Tirol (fr/pr 4/29 Parks-FL) severe splatter @ times via VOA-Greenville.
- 9770 0330 ÖRF; EE US dollar drops on European Market (333 4/19 Stiner-NY) 0136 EE nx by YL, 125,000 alcoholics in Austria, wx, instr mx, tlk about French & Italian styles of gardening, Austrian folk corner (343 5/4 Bingham-MA)
- 11665 2100 ÖRF; GG IS, ID, nx for 15 minutes, ID in GG/FF/EE, Egypt heard underneath (444 4/17 Dillon-PA)
- 11755 0030 ÖRF; GG IDs, OM&YL, male vocals in GG (545 4/? Robinson-TN)
- 11835 1900 ÖRF; GG ID, list freqs, this one to Africa, nx (544 4/13 Wood-S. Arabia)
- 15225 \*2100 ÖRF; GG IS, ID "Hierst ist Österreichischer Rundfunk," nx (343 4/16 Thunberg-PA)
- 15320 1230 ÖRF; EE daily Report from Austria, nx, wx, Profile of Austria, Post Box 700, //6155 & 9770, replaces 17770 (353 5/7 Zilmer-NM)
- 15415 1000 ÖRF; GG ID, list freqs, nx (444 4/15 Wood-Saudi Arabia)
- 17710 1800 ÖRF; GG ID, nx, list freqs, this one to S. Africa, //6155 (444 4/3 Wood-SA)
- 17770 1240 ÖRF; EE Shortwave Panorama, featuring an old World of Radio pgm w/Glenn Hauser (333 4/29 Abbott-IL) 1236 EE Report from Austria, Shortwave Panorama, choir mx (333 4/22 Weikel-MI)

BELGIUM

- 5985 1825 BRT; EE tlk on inflation & wage cuts (444 4/10 Wood-Saudi Arabia)
- 9900 0410 RTBF; FF DJ show, pop mx (444 4/4 Wood-Saudi Arabia)
- 9925 0034 BRT; EE mention of research into coagulation of blood, sports nx, comtry on state of Belgian export situation (544 5/3 Knapp-WV) 0000 EE Brussels Calling, nx, comtry, mx (444 4/24 Muzyka-NY)(Abbott & Harrell-IL) (Blanchette-FL)(Mendez-NJ)
- 9930 0030 BRT; EE freqs & times mentioned, Cultural Report, Flemish folk dances (444 4/29 Langlois-GA) 0034 EE wx cold & rain in Brussels, Focus, tlk of Belgium Air Force, rock mx (454 4/? Bingham-MA)

## BELGIUM continued

- 11620 0054 BRT; EE ID by OM into rock mx (423 5/3 Knapp-WV)  
 15550 1841 BRT; EE tlk about different languages in Belgium & tourism in Belgium, Brussels Calling, QSL cards to club members only, YL gave address for contest (242 4/24 Bingham-MA)  
 15590 1840 BRT; EE mx, info about their DX club, freq check & ID @ 1855, moderate to severe QRM from RTTY, faint signal (232 4/14 Hevern-NY)  
 17610 1430 BRT; EE Brussels Calling, DX pgm, tlk of Easter customs in Belgium (555 4/16 Coleman-MA) 1400 EE ID, trade imbalance of the EEC with Japan, winners of contest, question & answer pgm, weird(?) QRM on 17605 (433 4/18 Sable-NY)(Hesch & Stiner-NY)(Dillon-PA)(Klosowski-FL)(Bingham-MA)  
 21460 1700 RTBF; FF 2 OMs w/lengthy tlk (possibly interview), nx (343 4/17 Thompson-CA) 1800 FF IS, into nx relayed from Home Service, TC "20 heures," //15210 (544 4/11 Wood-Saudi Arabia) 1700 FF wx report, soccer scores (333 4/15 Stiner-NY)  
 21810 1420 BRT; EE tlk about wildlife in Belgium, tlk about popularity of golf in Belgium, there are 6,000 golfers in Belgium, P.O. Box 26, info on DX Club, address, freqs & times of b/c given (353 4/23 Bingham-MA)

## BULGARIA

- 6070 0430 R. Sofia; Albanian, IS, ID "Ju flet Sofia," nx (444 4/19 Wood-S. Arabia)  
 9700 0150 R. Moscow relay; EE ID, DX pgm, Ragtime mx, IS, wld nx (333 4/17 Dillon-PA)  
 1940 R. Sofia; beamed to Europe & N. America, tlk about Sofia being /PA industrial Center of Bulgaria, Lifestyles (322 4/3 Bingham-MA)  
 11720 2241 RS; EE tlk about peace & trade unions, wx, comtry, instrumental mx, tlk about USSR space pgm, interview with USSR cosmonaut (343 4/10 Bingham-MA) 2305 EE comtry, Bulgarian patriotic songs, tlk, //9700 (544 5/2 Prath-FL)  
 11750 0426 RS; EE People sing Bulgarian folk songs, letters read by OM & YL, tlk about average age of death in Bulgaria is for men 64 yrs & women 74 yrs highest in Europe!, OM gave times & freqs of DX pgm (454 4/23 Bingham-MA)  
 11860 0427 RS; EE YL & OM answering mail from listeners & occasional national folk mx, many references to R. Sofia & Bulgaria (333 4/2 Brewer-KS)  
 15135 1420 R. Moscow relay; EE Kaleidoscope, Soviet Way of Life, Nx in Brief, comtry on arms race, Soviet civil defenses (333 4/24 Dillon-PA)  
 15160 0500 R. Sofia; FF IS, to Africa, nx (544 4/13 Wood-Saudi Arabia)  
 15310 1700 RS; AA IS, ID, "Huna Sofia, Idhaat ul Bulghariya," Egyptian accent, heterodyne Conakry (533 4/15 Wood-Saudi Arabia)

## CZECHOSLOVAKIA

- 5930 0328 R. Prague; EE pgm on a family restoring their house, them tlking in Czech followed by translations (433 4/23 Duncan-NC) 0100 EE nx, mx, ID, Animated film world (555 4/12 Robinson-TN) 0112 EE (454 4/24 Bingham-MA)  
 6055 2146 RP; EE tlk about requirements for membership in R. Prague DX Club, tlk about R. Prague DX Contest (333 4/4 Bingham-MA)  
 7345 0100 RP; EE Czech merchant ships (554 4/15 Blanchette-FL) \*0300 EE OM w/nx of Czechoslovakia, wld nx, News Views, mx, ID @ 0322, classical mx, Science & Tech "Photogramitry" 434 4/25 Swinn-CA) 0300 EE (gd 4/19 Harrell-IL) 0326 EE (453 4/7 Bingham-MA) 0330 EE (444 4/16 Dillon-PA)  
 9740 0100 RP; EE IS, nx, comtry, // with usual freqs (322 4/15 Prath-FL)  
 17822.5 \*1730 RP; EE Afro-Asian sce., nx, attack on US withdrawal from UNESCO, OM ancr has Indian subcontinental accent, powerful parasitic from 17840, also its twin on 17857.5, DO NOT CONFUSE WITH BANGLADESH! (433 4/11 Wood-S. Arabia)

## DENMARK

- 15165 1459 R. Denmark; EE-Danish EE ID "This is R. Denmark, Copenhagen, Denmark," 15165 b/cing to West USA only in Danish, YL & OM tlk in Danish, ID @ 1517, few bars of mx (333 4/10 Bingham-MA)

## FINLAND

- 15400 1405 R. Finland; Focus North pgm about visit of Finnish Press to USSR, then Finnish Press reaction on Finnish Press Review (323 4/28 Waelterman-MO) 1300 EE visit to Finland by Iceland's President-1st lady President elected by popular vote-cheers, ladies! (fr 4/12 Harrell-IL) 1424 EE (433 4/14 Brewer-AR) 1311 EE (434 4/19 Dillon-PA) 1313 EE (322 4/28 Abbott-IL)  
 15430 \*0430 RF; EE nx of nordic countries (444 4/19 Wood-Saudi Arabia)  
 17800 1305 RF; EE Finland's airmail, comtry, Finland features (322 4/22 Weikel-MI) 1350 EE tlk about textbooks, TV letters, very bad interference (322 4/1 Macrie-NJ)  
 21485 1530 RF; Finnish religious pgm on Maronite Christians in Lebanon, 1555\* (544 4/7 Wood-Saudi Arabia)

## FRANCE

3965 0530 RFI; FF Andrews Sisters medley, tlks, TC, ARC QRM (gd-pr 4/23 Famularo-NJ)  
 6140 0120 RFI; FF discussion on relations between Yugoslavia & USSR (333 4/24 Stiner-NY)  
 9545 \*0415 RFI; EE ID, announcement of b/c times & freq, national nx, 0430\*, moderate QRM (433 4/15 Neuverth-CO) 0400 FF (433 4/16 Dillon-PA)  
 9790 2330 RFI; FF Mouboutu visits France (President of Zaire) (444 4/19 Stiner-NY)  
 15155 0514 RFI; FF informal mx pgm w/ Bad Boys as theme, //11700 (433 4/25 Manderscheid-CA)  
 15300 1614 RFI; EE tlk about Portuguese singer, nx from Africa on PCA, 35 people killed in dispute of Zulu tribes, nx of France, singing (454 4/25 Bingham-MA)  
 15315 1640 RFI; EE nx, Communist/Socialist politics in France (444 4/16 Coleman-MA)  
 17620 1535 RFI; FF/EE classical mx, Review of upcoming pgms, ID, sked in EE/FF/Port. into Paris Calling Africa, 1605 nx (444 4/17 Dillon-PA) 1602 EE ID, mx, Paris Calling Africa (343 4/9 May-OH) 1645 EE (444 4/11 Valentine-CA) 1605 EE (454 4/10 Bingham-MA)  
 17720 1440 RFI; FF interview w/YL writer, mx, ID @ 1500, nx (433 4/19 Dillon-PA)  
 17775 1430 RFI; FF current affairs, mx (544 4/28 Klosowski-FL)  
 Logs received for RFI on 15180 between 2200 & 0200 are via the Montsinery relay in French Guyana.

## FEDERAL REPUBLIC OF GERMANY

3995 0415 DW; GG MOR mx & old movie scores w/laidback OM DJ, some ARO QRM (433 4/24 Dillon-PA)  
 4950 1423 DW; EE nx & comtry concerning the international automobile business (222 4/8 Ohlinger-CA)  
 6035 0215 DW; EE Microphone on Europe, pornography in Germany, wheat harvest in N. Germany (211 4/19 Ruckman-OH)  
 6085 0120 DW; EE Germany Today, traffic problems for bicyclists in Cologne, ID (gd 4/19 Harrell-IL) 0100 EE nx, mailbag, German lessons (544 4/22 Klosowski-FL)(Stiner-NY)(Macrie-NJ)(Bingham-MA)  
 6100 0230 DW; GG classical mx, ID @ 0240, tlk, QRM YVTO (433 4/21 Dillon-PA)  
 6120 0515 DW; EE Microphone on Europe, Review of West German Papers, QRM R. Zinica, sports, Science Magazine (433 4/17 Dillon-PA)  
 6750 0416 DW; GG apparently a variety show (323 4/19 Ohlinger-CA)  
 9615 0105 DW; GG nx, press review, IS @ 0115, ID "Hier ist die Deutsche Welle," tlk about politics (433 4/20 Dillon-PA)  
 11765 0103 DW; GG Press Review (333 5/3 Berkholtz-MN)  
 15150 2300 DW; GG OM, ID, nx (444 4/7 Langlois-GA)  
 15210 1730 DW; GG classical mx, IS @ 1745 w/ID, wld nx (343 4/20 Dillon-PA)  
 21600 1430 DW; EE wld nx, ID, international financial nx, occ. QRM de 21595 (pr-gd 4/10 Famularo-NJ)

Log received for 17860 at 2200 is via Rwanda. Log received for 6085 at 0445 is via Antigua. Log received for 11705 at 0500 is via Montserrat & 9545 at 0520 is via Antigua.

## GERMAN DEMOCRATIC REPUBLIC

6040 0340 RBI; SS tlk by YL, ID, economics & socialism, ID "Esta es Radio Berlin Internacional," co-channel QRM de VOA in EE (433 4/17 Dillon-PA)  
 9560 2035 RBI; EE heavily biased nxcst, European svce ID, rock mx, Chernenko interview translation (fr 4/9 Famularo-NJ) (Dillon-PA)  
 9620 2215 RBI; EE wld nx-all anti-USA, QRM de CBC in Eskimo on 9625 (433 4/10 Gunter-NC) 2222 EE nx, questions, contest (433 4/14 Blanchette-FL) (Dillon-PA)  
 9730 0003 RBI; EE nx, football, tlk to GDR leading toxicologist about chemical weapons, religious freedom in GDR (322 4/19 Bingham-MA)  
 11975 0200 RBI; EE ID, skeds, mx, international nx, 0210\* (434 4/17 Mendez-NJ)  
 15450 1415 RBI; EE nx, IDs b/cing to SE Asia, comtry on Reagan & arms tlks, question pgm on medical care (434 4/11 Sable-NY)  
 17525 0430 RBI; GG nx, comment, Subtraction product of 17875 & 17700 both hrd, the addition product of 18050 also hrd (444 4/19 Wood-Saudi Arabia)

## GREECE

7315 0340 VOG; EE wld nx by OM, 0350 station info in Greek to 0351\* (4/16 Jones-TX) 0035 Greek mx, ID @ 0046 "Edo Athine," nx (444 4/16 Dillon-PA)(Bingham-MA)  
 9420 1235 VOG; EE ID, nx, //11645 (333 4/3 Wood-Saudi Arabia)  
 9865 0130 VOG; EE ID, native mx, nx of common market (444 4/10 Langlois-GA) 0000 GG lots of Greek mx, some nx, QRM by jammer during evening lost by 0100 (444 4/5 Card-RI) 0320 Greek (333 4/25 Gray-MI)(Bingham-MA)(Coleman-MA)  
 11645 1716 VOG; Greek ID "Edo Athinai" & nx by OM & YL (343 4/11 Yoshimura-Japan) 0130 EE (454 4/17 Bingham-MA)(Dillon-PA)(Thompson-CA)(Gray-MI)  
 17565 \*1300 VOG; Greek NA, ID, nx (544 4/3 Wood-Saudi Arabia)

## HUNGARY

- 9835 0030 R. Budapest; EE freedom fighter Korosi Gyoma Sandor, life discussed, Mohacsi Vesz back in the 1800 yrs, against the Habsburgs (432 4/10 Byron-PA) 0104 EE YL w/wld nx (434 4/25 Abbott-IL)(Hazrell-IL) (Dillon-PA)(Bingham-MA)
- 11910 0214 RE; EE mx, ID @ 0228, 0230\* (444 4/23 Swinn-GA)
- 12000 \*0200 RE; EE IS, times & freqs, nx, //11910, 9835, 9585, 9520 & 6025, all hrd except 6025, slight Mayak QRM on 12000 (544 4/22 Prath-FL)

## IRELAND

- 4910 0150 R. Dublin Internat'l; EE OM DJ w/British rock mx, TC, IDs, moderate RTTY ute QRM (fr 4/20 Parks-FL)
- 6910 0343 RDI; EE playing slow ballads, OM DJ, ID @ 0401, bad CW, SSE, atmospheric QRM/QRM (322 4/29 Evans-TN)(Dillon-PA)(Blanchette-FL)
- 0142 World Music Radio; EE OM, very weak signal, ID @ 0150, R&R mx, hvy QRM het (131 4/16 Heverne-NY) 0100 EE ID plus nx (222 4/16 Gunter-NC) tentative RDI/WMR 0024 (322 4/16 Hardester-NC)

## ITALY

- 9575 0110 RAI; EE nx, mx @ 0113, ID, into FF (333 4/16 Dillon-PA) 0143 II to Iatin America, nx, info on the Italian Gov't activities (433 4/15 Grosvenor-CA) 0100 EE nx & mx (444 4/1 Macrie-NJ)
- 11800 0111 RAI; EE nx, ID, 0119\* (333 5/3 Berkholtz-MN) 2032 EE pgm for Near East, nx, instr mx, 2045\* (354 4/9 Bingham-MA)

## LUXEMBOURG

- 6090 0031 R. Luxembourg; EE ID, "Hello from the Victoria Pub!" (555 4/19 Gunter-NC) 0045 EE pop mx w/a Motown Classic, TC & tlk (444 4/15 Prath-FL) 0000 EE (433 4/16 Dillon-PA) 0056 EE (322 4/24 Stiner-NY) 0041 (333 4/22 Bingham-PA)
- 15350 2150 RL; FF Hello Max, Top 40 interspersed w/traffic reports (322 4/11 /MA) Stiner-NY) tent. 1507 FF nx, OM DJ w/disco & rock, nx on the hr, severe QSB, f/out @ 1635 (222 4/20 Dillon-PA) 1900 FF (444 4/5 Wood-S. Arabia)

## MALTA

- 6025 0425 DW relay; AA wld nx, ID in GG @ 0430, comments by OM, splash from AFPTS on 6030 (333 4/24 Dillon-PA)
- 9545 0330 DW relay; GG ID in EE by OM, mx (444 4/21 Addison-KS)
- 9565 0059 DW relay; EE IS, ID mentioning Malta transmitter, nx, Microphone on Europe review of papers, Science Magazine, address (444 4/17 Dillon-PA)

## MONACO

- 9493 0735 TWR; EE Encourers rel. pgm, ID @ 0803, moderate QRM de RTTY on 9492 (333 4/1 Heverne-NY)
- 9600 1600 TWR; EE music box IS, ID, into Hungarian rel, QRM Moscow (544 4/12 Wood)
- 11695 \*0425 TWR; AA IS, into "As-saat ul Lutheriya min Idhaat ul TWR, M.C.," i.e. AA version of "The Luthern Hour" (544 4/14 Wood-Saudi Arabia)

## NETHERLANDS

- 9890 0230 R. Netherlands; EE test b/c, nx, ID, The Wednesday Report, A-bomb in India (444 4/5 Langlois-GA)
- 9895 0530 RN; EE s/on anmt followed by wld nx, still asking for reports of Lopik test transmission on this freq (555 4/21 Brewer-AR) 0230 EE Happy Station, special pgm Easter Egg Hunt Contest, test transmission from Lopik has improved greatly (545 4/22 Mendez-NJ)(Muzyka-NY)(Manderscheid-GA)(May-OH)
- 11730 2030 RN; EE nx, contry, Media Network (322 4/19 Abbott-IL) 2047 EE tlk about cultural differences in Holland, The Monday Report (454 4/9 Bingham-MA) 2115 EE (333 4/19 Dillon-PA)

Reports received for 15220 2030-2120 are from the Bonaire, Neth. Antilles.

## NORWAY

- 6015 0457 RNI; Norwegian/EE IS w/ID in Norw. & EE, BBC splash 6110 & the wandering V. of Nicaragua on 6016, nx (322 4/17 Dillon-PA)
- 9525 1855 RNI; Norwegian EE ID, 1900 into Norw. nx, QRM TWR-Swaziland (433 4/12 Wood)
- 9590 1655 RNI; Norwegian EE ID, 1700 into Norw. nx (433 4/12 Wood-Saudi Arabia)
- 9730 0355 RNI; Norwegian EE, IS, ID, into Norw. nx (343 4/5 Wood-Saudi Arabia)
- 11865 0455 RNI; Norwegian EE, ID, 0500 into Norw. nx (544 4/12 Wood-Saudi Arabia)
- 11870 0400 RNI; EE, Norway This Week, nx, tourism (544 4/15 Wood-Saudi Arabia)
- 15175 2200 RNI; EE nx, letters read & answered (4/15 Macrie-NJ) 2216 EE tlk about Catholic Church Svcs during the Holy Week, Monday after Easter is a holiday in Norway (454 4/22 Bingham-MA)
- 15180 \*1450 RNI; Norwegian ID, nx of Libya & Gaddafi, tlk (545 4/24 Robinson-TN) 1500 Norwegian nx & tlk, ID, pop mx, interview w/folk musician (433 4/22 Dillon-PA)



## NORWAY continued

15205 1610 RNI; EE Easter in Norway, into Norwegian @ 1629 after ID & address (444 4/22 Weikel-MI)  
 15220 1603 RNI; EE variety pgm about life in Norway (222 4/22 Ohlinger-CA)  
 15225 1655 RNI; Norwegian/EE, IS, ID, into Norw. nx, QRM BBC & RTTY (533 4/3 Wood-Saudi Arabia)  
 17855 \*1400 RNI; EE nx, tlk, announced 17840 to NAM but not hrd (544 4/29 Prath-FL)  
 21700 0655 RNI; Norwegian/EE, ID, 0700 into Norwegian nx, QRM Dubai (533 4/12 Wood)

## POLAND

6095 0200 R. Polonia; EE nx, popular mx, Polish-English lang lessons, selection of piano mx (433 4/8 Card-RI)  
 6135M 2230 RP; EE nx on Polish affairs & the usual propaganda for European consumption (444 4/6? Card-RI)  
 7270 0301 RP; EE multiple IDs, Polish nx, political commentary, mailbag pgm, mod to severe QRM, //6095 (222) & 7145 (111) (322 4/14 Heverne-NY)

## PORTUGAL

6060 \*0300 R. Portugal; EE march mx, nx, Portuguese Armed Forces to have big parade, letters answered (454 4/7 Bingham-MA) 0240 PP fado mx (444 4/8 Blanchette-  
 6075 0544 RP; EE nx, sports, times freqs & target areas of b/c given, pgm on /FL) tourism (444 4/27 Bingham-MA) \*0400 PP (444 4/15 Dillon-PA)(Wood-S. Arabia)  
 11775 2035 RP; EE tlk on Catholicism in Portugal-European svce (322 4/22 Thunberg-PA) 2120 FF/II (322 4/19 Dillon-PA)  
 11925 0310 RP; EE b/c sked followed by comtry on Portugals' relations w/England (222 4/23 Duncan-NC) 0302 EE (444 4/29 Bingham-MA)

## ROMANIA

5990 2218 R. Bucharest; EE tlk about Romanian literature, instr mx (433 4/24 Bingham-MA)  
 7195 1935 RB; EE tlk on Romanian-Angolan cooperation, ID, folk mx, ARO QRM (fr 4/9 Famularo-NJ)  
 9550 0200 RB; EE ID, singing, letterbox, industrial robots (545 4/22 Robinson-TN) 0210 EE nx, contry, tlk about Romanian trade, //9570 (443 5/2 Prath-FL) 0000 SS (433 4/21 Dillon-PA)  
 9570 0201 RB; EE ID, nx, tlk about Romanian war policy (333 5/4 Bingham-MA)  
 11810 \*0400 RB; EE ID, into wld nx, very low modulation (442 4/21 Waelterman-MO)  
 11830 \*1600 RB; AA YL w/Egyptian accent, nx, //9625 (444 4/12 Wood-Saudi Arabia)  
 11840 \*0530 RB; EE nx, to Africa, //11940 (444 4/13 Wood-Saudi Arabia)  
 17720 \*1800 RB; PP nx, to Africa, ID "Fala Bucareste" (433 4/13 Wood-Saudi Arabia)

## SPAIN

9360 0145 REE; SS "Por las rutas del Sol," Spain's links with the American continent cultural feat, nx, very strong QSA no QRM observed (555 4/19 Mendez-NJ)  
 9630 0042 REE; EE mx, From the World of Spanish Art & Music (444 4/18 Berkholtz-MN) 0005 EE Science in Spain (444 4/27 Gunter-NC)(Bingham-MA)  
 11690 2004 REE; EE wx-showers, Monday Sports Report, Panorama, SS course by radio, 2027\* (454 4/9 Bingham-MA)  
 11880 0139 REE; EE entertainment nx followed by a recipe for baked eggs w/ham, SS course by radio (444 5/5 Caceres-NY)(Brewer-KS)(Langlois-GA)(Bingham)  
 15365 0115 REE; SS contry (333 4/29 Berkholtz-MN)  
 15375 1940 REE; EE nx, ID @ 1945 (222 4/27 Berri-CA)\*1830 FF (322 4/28 Prath-FL)  
 15535 1525 REE; SS chorus numbers, guitar instrumentals, IS, ID, nx (433 4/20 Thompson-CA)  
 17345 1440 REE; SS nx of Brazilian Prime Ministers visit to Spain, details of speech made by King on occasion (333 4/16 Sable-NY)  
 17650 1535 REE; SS tlk between OM & YL, ID @ 1545, Panorama Economico (343 4/16 Dillon-PA)  
 17660 1905 REE; SS nx, contry on Reagan visit to China, ute QRM (544 4/28 Prath-FL)  
 17720 1745 REE; SS futbol-Atlético vs. Real Madrid, //17845 (544 4/5 Wood-S. Arabia)  
 17840 1700 REE; AA SS ID, into AA "Huna Madrid, al-Idhaat al Isbaniya al Harijiya," nx (544 4/5 Wood-Saudi Arabia)

## SWEDEN

9695 0232 RSI; EE nordic nx, ID, Weekday Monday, electronic mx, news that RSI will have a new opening, jazz mx from the 50s (333 4/17 Dillon-PA)(Jones-TX)  
 11705 0232 RSI; EE mailbag, pgm on Swedish boy & girl scouts, mx, ID & address @ 0245, mx (545 4/23 Swinn-CA)(Mandersheid-CA)(Harrell-IL)(Mendez-NJ)  
 11710 2324 RSI; EE Sweden Calling DXers, s/off amnt, 2328\*, IS for 30 seconds then carrier off (444 4/17 Brewer-AR) 2310 EE (444 4/24 Duncan-NC)(Bingham-MA)  
 15190NF \*1400 RSI; EE new IS, sked, pop mx, Mailbag pgm, new freq for ECNA, hvy QRM de SS lang station (322 5/6 Thunberg-PA) 1400 EE new IS, nx, Weekday, replaces 17860 (333 5/7 Zilmer-NM)

SWEDEN continued

17850 \*1600 RSI; EE, weekday, nx (544 4/18 Wood-Saudi Arabia)  
 17860 1420 RSI; EE rock n roll, (interviews Swedens No. 1 rock 'n roll singer, multi-language ID @ s/cff 1430 (434 4/14 Sable-NY)(Klosowski-FL)(Bingham-MA)(Robinson-TN)(Dillon-PA)

SWITZERLAND

6135 0145 SRI; EE nx, Dateline (433 4/12 McKinney-PA) 0150 EE (322 4/13 Macrie-NJ)  
 9535 2005 SRI; II wld nx, ID, IS into Esperanto @ 2030, European svce (433 4/16 Dillon-PA)  
 9725 0200 SRI; EE discourse on health food stores in Switzerland, info on foods, diets & vitamins (444 4/15 Grosvenor-CA)(Blanchette & Klosowski-FL)(Dillon-PA)(Bingham-MA)  
 11715 \*0430 SRI; EE Dateline, comtry on Libyan embassy in London, US relation with China & USSR (544 4/24 Manderschild-CA)(Mendez-NJ)(Berkholtz-MN)  
 12030 1321 SRI; EE Dateline, tlk about Red Cross Child Alive pgm, Swiss Country Mx, wx, hrs latest nx headlines, more mx (353 4/10 Bingham-MA)  
 15570 2153 SRI; EE George Bush at Geneva Disarmament Conference, comtry on nuclear & chemical weapons (433 4/18 Waelterman-MO)  
 17830 1531 SRI; EE nx, tlk about US Space Shuttle, Swiss TC, b/c to Mid East, Dateline-Tuesday (333 4/10 Bingham-MA)(Dillon-PA)  
 21570 1325 SRI; EE multi-voiced discussion on Swiss health food & stores that sell it, over 11% of the Swiss are vegetarian!, //21520 (343) (555 4/15 Brewer-AR)(Macrie-NJ)

UNION OF SOVIET SOCIALIST REPUBLICS (European Section)

Lithuania SSR

6100 2215 R. Lithuania (Kaunas); EE comtry on opera, singer & arias from operas, also interview, ID (222 4/15 Weikel-MI)

Russian SFSR (European Section)

9765 2305 R. Moscow (Krasnodar); EE wld nx, Moscow Mailbag, ID, Dixieland Bands in the USSR, political events in the US (544 4/15 Dillon-PA)

Ukrainian SSR

11980 1933 RM (Krasnodar); FF YL w/nx, ID 1935, b/c to Europe (323 4/25 Berri-CA)  
 7150 0215 RM (Simferopol); EE via Lvov (as per QSL received), comments from Pravda, Press Conference from Space, CW QRM (433 4/8 Dillon-PA)  
 7195 0200 RM (Simferopol); SS wld nx, ID, comtry, tlk about Nicaragua (444 4/19 Dillon-PA)  
 9610 0015 RM (Lvov); EE pgm on Cuba, complaints about the LA Olympics, economic performances in the USSR, engineering, mx (444 4/20 Dillon-PA)  
 9720 0200 RM (Lvov); EE nx about the May Day Parade & festivities around the world (444 5/2 Caceres-NY)  
 9750 2300 RM (Nikolayev); EE Carpathian Life, comtry on salaries for teachers, Sidelites of Soviet Life (444 4/13 Langlois-GA)(Dillon-PA)  
 11705 2035 RM (Simferopol); EE Folkbox w/folk mx from around the USSR, ID @ 2058 (333 4/19 Dillon-PA)

Unknown Sites

5920 0030 RM; RR pgm for seamen (141 4/14 Ruckman-OH)  
 9665 2229 R. Vilnius; EE ID, inviting letters from listeners (333 4/17 Berkholtz-MN)  
 0230 R. Kiev; EE ID, comtry on nx (444 4/23 Langlois-GA)(Robinson-TN)  
 9685 2340 RK; EE tlk about May Day, comtry on US Congress, Ukraine a Land of Tourism pgm, tlk of RK quiz (343 4/15 Bingham-MA)  
 9710 \*0200 RK; EE IS, ID, nx, comtry on Chernenko interview in Pravda, Review of the Week's pgms, 0229\* (323 4/10 Dillon-PA)  
 9780 2120 R. Moscow; EE Soviet Way of Life, News in Brief, speech on Soviet-Hungarian relations, Soviet policy towards Asia (333 4/17 Dillon-PA)  
 11790 2218 R. Vilnius; EE tlk about setting a beautiful Easter table, tlk about young people in Lithuania are against racism, Lithuanian art has become tradition, tlk of arts & crafts, 2229\* (444 4/24 Bingham-MA)  
 11810 1730 R. Moscow; EE jazz mx in USSR & how dixieland mx was started & how much better it is than US Dixieland (222 5/2 Duguay-MA)(Dillon-PA)  
 11860 0015 RM; EE comtry, dispatch from the Middle East, environmental protection in the USSR, ID, mx (333 4/17 Dillon-PA)  
 11960 1630 unid; RR nx in RR, mx (444 5/2 Valentine-CA)  
 12070 0015 R. Station Peace & Progress; SS political tlk about C.Am, ID "R. Emissora Paz d Progreso," 0030 RM IS "R. Mosku Para Republica Cuba" (554 4/23 Prath-FL)  
 15100 1420 R. Moscow; EE tlk about life in Armenia, //11840 (343 4/21 Prath-FL)(Dillon-PA)  
 15150 1645 RM; EE Soviet Way of Life, Soviet libraries, ID & list of meterbands (333 4/24 Dillon-PA)  
 15270 \*1700 RHC relay; EE, US accent, nc (444 4/3 Wood-Saudi Arabia)

UNION OF SOVIET SOCIALIST REPUBLICS (European Section) continued

Unknown Sites

15455 1605 R. Atlantika; RR tlk about opera between YL & OM, ID @ 1615, mx, R. Moscow IS @ 1630 then nx (454 4/16 Dillon-PA)  
 15475 1640 R. Moscow; EE Kaleidoscope, followup on previous story, mention of Moscow (444 4/11 Berri-CA) (Berkholtz-MN) (Dillon-PA) (Prath-FL)  
 15490 1632 RSP&F; EE wld nx, tlk about Lenin, statement of leader of the South African Communist Party, comments about Lesotho, sked, s/off @ 1659 into R. Moscow Africa svce (333 4/21 Dillon-PA)  
 15510 1550 R. Moscow; EE Soviet rock mx, bells @ 1600, nx, Pravda article, contry on Afghanistan; The Way We See It; Americans who met Lenin, nx in brief (242 4/21 Dillon-PA)  
 15515 1328 RSP&F; EE comtry, ID, instr mx, IS is clarinets (444 4/29 Robinson-TN)  
 17770 0938 RM; EE musical pgm about Lydia Roslanava (343 4/16 Soomre-MA)

UNITED KINGDOM

5975 0300 BBC; EE ID, nx, World Today, Chinese-Vietnamese tensions (433 4/11 Dillon-PA)  
 6010 0605 BBC; EE nx, Newsdesk, TC (343 4/13 Dillon-PA)  
 6110 0019 BBC; EE nx (454 5/3 Szabo-KS)  
 7260 0435 BBC; Hungarian wld nx, problems at the Libyan Embassy in London, into GG (343 4/19 Dillon-PA)  
 7325 0025 BBC; EE ID, wld svce nx (433 4/10 Langlois-GA) 0147 EE Country mx, gospel, tlk about country mx awards, OM w/whats coming up tonight, nx (353 4/17 Bingham-MA) (Dillon-PA)  
 9915 0240 BBC; EE rock mx w/interview, QRM & rapid QSB, //9410 & 6175 (322 4/20 Dillon-PA)  
 11840 1705 BBC; EE nx (signal still coming in at 2000, but difficult to understand at times) (252 4/19 Fenyer-AZ) Anyone know where this is from?  
 15070 2013 BBC; EE 24 Hours-Afghanistan, Soviets presence in the Pacific Basin (343 4/24 Manderscheid-CA) (May-OH) (Macrie-NJ)  
 15390 1733 BBC; Turkish soccer scores in England, tlk, mx, nx headlines, 1800\* (433 4/21 Dillon-PA)  
 17705 1415 BBC; EE requests & greetings, ID @ 1430, science (333 4/19 Dillon-PA)  
 17715 1920 BBC; AA Middle East nx, ID "Huna Lundun," EE lessons, also noted at 1435 4/19 (444 4/13 Dillon-PA)  
 17790 1520 BBC; Romanian EE by radio, ID, nx headlines, correspondents' reports (444 4/19 Dillon-PA)  
 18080 1730 BBC; EE tlk about growing craze of African mx in USA & Europe, interview w/African singer, mx by Genesis gospel singers, freqs given (454 4/18 Bingham-MA)  
 21640 1510 BBC; EE/Swahili This Week in Africa, into Swahili? @ 1530, ID, nx (454 4/28 Dillon-PA)

Report received for 5965 @ 1215 is from Sackville, 6155 @ 0215 is from Antigua, and 7160 @ 0305 is from Ascension Islands. Logs received for 11775 are from Antigua @ 1320 and from Sackville @ 1702.

VATICAN CITY

6015 0109 Vatican Radio; EE letterbox pgm (444 4/14 Ruckman-OH)  
 6185 \*1730 VR; Ukrainian, tlk on Easter, 1745 into RR, QRM R. Moscow in Romanian (333 4/19 Wood-Saudi Arabia)  
 7250 0250 VR; RR? rel mx, tlk on religion (I assume since I hrd "Christos" mentioned several times) (333 4/19 Dillon-PA)  
 9605 0056 VR; EE tlk about President of Korea making greeting speech to Pope, Holy Father prayed for Korea, Korean mx, Popes first day in Korea (333 5/4 Bingham-MA) (Dillon-PA)  
 11810 1545 VR; EE nx, man w/Irish accent, to India (544 4/5 Wood-Saudi Arabia)  
 11845 \*0050 VR; EE IS, ID, scripture & reflections for Palm Sunday, // 6015 (422), 9605 (333) (333 4/15 Hevern-NY) (Klosowski-FL) (Bingham-MA)  
 15120 \*1840 VR; II IS, Holy Rosary, listed at 1940, YL repeating Ave Maria (Hail Mary) hrd under QRM (322 4/28 Prath-FL)  
 17730 1505 VR; lang rel mx, tlk w/mentions of Christos & Rome, IS @ 1515 then silence but carrier on (333 4/19 Dillon-PA)

UNIDENTIFIED

13700 1955 AA? Middle East-type mx, three beeps, wld nx in AA?, Big Ben @ 2100 (444 4/17 Margolis-IL) BBC also strikes strikes one no matter the hour, and the BBC transmits three beeps in the b/c to Africa. Harmonics don't fit so may be an image of your radio.-djs

I made it through all seven pages, am I right that this is the largest European loggings column yet in SPEEDX! Keep the logs coming, you're all doing a good job. Dan



SHORT WAVE

# AFRICA



MARK KOUKOL, 109 Pennsylvania #8, Loves Park, IL 61111

June 1984

Well, you're right. Either Mark has a brand-new typewriter, or something terrible has happened to his column. Don't worry, Mark is fine and so is his typewriter. However, he had "one of those months" that Stephen King should write a book about. As a result, he was unable to send me his column for June. Mark assures me, though, that he'll be ready and rarin' to go next month, and I'm sure you'll understand his situation and forgive him. Of course, all logs from June will be properly credited in any case, and if you sent him a log for a 1 watt station in Ethiopia, he'll more than likely print it anyway next month.

I'm Tom Kephart, your new publisher. I'm 21 years old, newly tied in the ropes of matrimony (hi), and am employed at WHGR/WJGS-FM in Houghton Lake, MI. I do afternoons on the AM station, and am also music director. Anyone who can hear WHGR (outside of Northern Michigan, that is) and/or hears my show will win some kind of a prize, like a couple IRCs. Good luck, we're 5 kw from 6:00 am to midnight, with a severe north-south directional pattern evenings.

So much for me. There are a couple of things I'd like to mention as long as I have the space, so here goes...

I think I speak for the entire staff and membership of SPEEDX when I say "THANKS" to our outgoing Business Manager, Don Johnson, and Publisher, John Trautschold. Both of them have been involved in the club for, well, forever, I guess. I'm not sure we can ever really let them know how much we appreciate their efforts. Anyway, thanks guys, and I know I don't have to say "Stay involved," as both John and Don are still on the Board of Directors. Thanks also for entrusting me with this job. I'll make you proud.

Next, another round of applause and thanks for two dedicated SPEEDXers, Art Getzel and Sandy Blaize. They've been editors since radios were invented, I believe, and both deserve our gratitude. Their columns will go on, of course, and while I'm on the subject, (hi) WE NEED SOME EDITORS! If you can spare a couple hours (just a couple, really) a month to edit a column for one of the most-respected SWL magazines around, send a list of your reasons for wanting to be an editor and any previous experience to our Managing Editor, Rick Drollinger. Since I'm typing this in Houghton Lake, and I've misplaced Rick's QTH, just send it to me and I'll forward it along. Thanks in advance for your help.

Finally, I'd welcome any comments, questions, or suggestions as they pertain to SPEEDX. I'm looking forward to a long and enjoyable stay as Publisher, so let me know what I can do to make your membership in SPEEDX even better than it already is. Only thing I ask is that if you require a reply (and I will answer), please send a stamp along! Thanks.

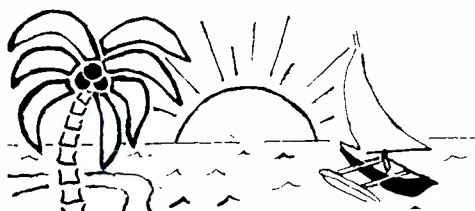
My address is below. Please also note the new addresses for John Trautschold (on his Contributors List page) and SPEEDX HQ (listed on the back cover).

73's and pleasant DX'ing!

# ASIA-OCEANIA

EDITOR:

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

Contributions to this month's column were overwhelming, consequently I'll save the A/O news for the end. Hopefully I will be able to include some WBI info, something I've been neglecting recently.

## B A N G L A D E S H

### R. Bangladesh

17800 1228 RB: EE: IS; ID by YL "You are tuned to the overseas service of R. Bangladesh bcsting on 13.84 and 16.85 meters"; nx, cmt, S. Asian mx; s/off at 1500 (343 4/18 Shimada-JP) (333 5/1 Matsui-JP)

## C H I N A

### R. Beijing and various regionals

4190 1235 CPBS-Beijing: unid: class. CC mx; OM w/tlks (423 4/20 Berri-CA)  
4925 1245 PPBS-Heilongjiang: CC: YL & OM w/tlks; mx; @1250 either s/off or xmtr failed (prob. the latter as WRTH lists 1500\*-RBT)(444 5/4 Berri-CA)  
5240 1500 FFS-1: CC: OM w/ID and presumed nx (444 4/10 Berri-CA)  
5770 1300 FFS-2: Amoy: TP's; YL w/ID & sked; CC mx. On past WRTH listed 1500\* (544 5/4 Berri-CA)  
5950 1112 PPBS-Heilongjiang: CC: YL w/tlk; stronger than // 4925; splatter from R. Casino-Costa Rica on 5954 (pr 4/27 Parks-FL)  
11650 \*1200 RB: EE: wld & domestic mx; tlk on US/Chinese relations (343 4/20 Dillon PA) (444 4/9 Barber-NY)  
11860 1200 RB: EE: nx; "Across the Land" pgm; CC cooking lesson; tlks on kite flying and Chinese factories (453 4/23 Blanchette-FL)(554 4/2 Hesch-NY)(433 4/24 Duncan-NC)(gd 4/6 Harrell-IL)tnx for brochure Rich-RBT  
12450 1200 RB: Tagalog: nx, mx, tlk on Philippine handicrafts; same pgm as at 1135 on 15600; 1226\* (333 4/21 Unruh-HI NJ)  
15030 2355 CPBS-2 Beijing: CC: vocals; YL w/annts; TP's at 0000(fr 4/12 Famularo-RB: Cantonese: ID; nx (444 4/10 Wood-S. Arabia)  
15165 1000 RB: EE: spts; tlk on Chinese law (444 4/18 Stephenson-CA) This freq is more QRM-free at this QTH during the 0100 bcst than 15520-RBT  
15385 0415 RB: EE: Listener's Letterbox; tlk of bamboo shortage(232 4/16 Hevern-NY)  
15520 0040 RB: EE: nx, cmt; beautiful CC folk mx(443 4/10 McKinney-PA)(332 4/21 Byron-PA)  
0100 RB: EE: nx of Reagan's visit; Chinese fairy tales; tlk of rural life. (322 5/1 Swinn-CA) (433 4/12 Stephenson-CA) (323 4/18 Ohlinger-CA)  
15670 1120 Beijing Minority Lang Svc: Tibetan(listed): YL w/tlk; CC mx (pr 4/10 Famularo-NJ)

Also one missort:

9490 1200 PPBS Xizang-Lhasa, Tibet: CC: ID "Xizang bo dantai"; time signal and patriotic mx (333 4/13 Wood-S. Arabia)

## C L A N D E S T I N E

9594.8 1545 R. Iran, V. of National Liberation Front of Iran: Farsi: anti Khomeini talks and songs; het de RFE on 9595 (422 4/12 Wood-S. Arabia)  
11180 1400 V. of Free Sons of Yemeni South: AA: s/on; ID; Qur'an; AA mx; lcl quality strength, must be very near here (555 4/1 Wood-S. Ar)  
11640 0227 R. Iran: Farsi?: ment. of khomeini; R. France IS; address; martial mx; O300\* (232 4/11 Hevern-NY) The RFI IS suggests a European xmtr site-does anyone know the actual location? RBT

## C Y P R U S

### BBC Relay

9750 1555 BBC: EE: mx pgm; world nx & cmt (333 5/6 Muzyka-NY)  
15420 1200 BBC: EE: back on after a strike put all BBC Cyprus Sw relays off the air as of 4/12; Radio Newsreel (544 4/18 Wood-S. Arabia)

INDIA

6145 1545  
11620 2035

All India Radio

AIR: EE: mx; cmtly on "Indian in space" (444 4/3 Wood-S. Ar)  
AIR: EE: tlk on cinema in India; sitar mx by Ravi Shankar; nx at 2200.  
(353 4/14 Welch-MA) (fr-gd 4/12 Famularo-NJ)

INDONESIA

3225 1229  
3986.4t 1135  
4752.7 1420  
4870 1142  
6188 0836  
7270 1510  
11770 1534

RRI Tanjung Pinang: IN: ID by YL, mx, tlk on Bangka Island(242 4/8 Miyau-  
chi-JP)  
RRI Dili: IN: YL vocals; RRI ID w/75.24 meters annod by YL-could not  
copy QTH (242 4/8 Miyauchi-JP)  
RRI Ujung Pandang: IN: EZL mx; ID at 1421 w/ment of "Nusantara Empat"  
This freq slightly weaker than 4719 (WRTH lists 20kw for this freq &  
50 kw for 4719-RBT) (343 4/27 Miyauchi-JP)  
RRI Sorong: IN: Pacific mx (not typical Indo mx); clear copy of RRI-  
Sorong ID by OM; Jakarta nx (444 4/7 Miyauchi-JP)  
RRI Manokwari: IN: OM w/tlk; slow orch mx; "warta berita RRI" bulletin;  
tropical mx (243 4/2 Robertson-WA) Nice catch OM-only 500 watts! RBT  
RRI Jakarta: IN: OM w/nx abt Australia; ID at 1514 (444 4/26 Berri-CA)  
RRI Jakarta: IN: Indo pop mx; TC; ID by OM; IS/song up to 1600 (pr-fr  
4/26 Sharpe-CA)

IRAN

9770 1700  
15084 1800

VOIRI

VOIRI: Farsi: patriotic chorus; ID; // 9022 (533 4/14 Wood-S. Ar)  
VOIRI: AA: wld nx; tlk abt Islamic Revolution; nasty comments abt Iraq;  
martial mx; Iraqi jammer present on most receptions (444 4/13 Dillon-  
PA)(433 4/15 Brewer-AR)(222 4/20 Abbott-IL)(544 4/15 Card-RI)

IRAQ

5130 1830  
11745 1901  
21585 1805

Sawt ul Jamaheer

SuJ: AA: ID, AA mx; // 9570 (444 4/19 Wood-S. Ar) PA)  
SuJ: AA: nx; ID; political tlk; // 9635, 21585, 17720(333 4/16 Dillon-  
SuJ: AA: pgm on techniques of singing in AA style; ID at 1817; AA mx  
(232 4/15 Dillon-PA)

ISRAEL

9009 1530  
0508  
9440 \*0000  
9815 0100  
11583 0407  
11587.5 0407  
11655 2000  
2232  
0101  
12025.15 0510  
2233  
13745 \*2000  
17630 2238

Kol Israel

KI: Farsi: YL w/nx w/ments of Israel and Tehran(222 4/10 Berri-CA)  
KI: EE: rpt of Nazi doctor unfit to stand trial; tlk abt Pulitzer prize  
(353 4/17 Bingham-MA)  
KI: EE: ID, sked; "TGIF" and "Faith to Faith" pgms (454 4/7 Bingham-MA)  
(444 4/13 Dillon-PA) (322 4/21 Stephenson-CA)  
KI: EE: story abt meaning of Passover; "Calling all Listeners" and  
"Face to Face" pgms; tlk of Barbra Streisand at dedication of Hebrew  
Univ.(443 4/19 Byron-PA)(433 4/16 Macrie-NJ)(Barber-NY)(Bingham-MA)  
KI Reshet Bet: HH: nx into exercise pgm; this freq has replaced 11590  
at this time (332 4/20 Munster-GA)  
KI Reshet Bet: HH: nx after relig opening; // 9385.8(353 4/19 Munster-GA)  
KI: EE: special Passover pgm (444 4/16 Soomre-MA)  
KI: EE: nx, cmtly, wx; DX Corner; "Easy Hebrew" (454 4/9 Bingham-MA)  
(333 4/10 Addison-KS) (444 4/15 Dillon-PA)  
KI: EE: only 72 Jews were permitted to leave USSR last month; rpt on  
killing of Israelis on a bus (333 5/3 Berkholtz-MN)(444 5/3 Knapp-WV)  
KI: EE: nx; operates with reduced carrier and LSB, thus requires USB  
& 3.0 or 2.3kHz filter to escape Utes and SRI & URS on 12030 (232 to  
242 4/18 Munster-GA)  
KI: EE: nx; soccer scores; "Forum" pgm (454 4/4 Bingham-MA) I am at the  
moment (2200 GMT) listening to KI on 12027kHz also at a 454 level-no  
QRM during this xmsn period. RBT 5/14  
KI: EE: IS, sked, nx; // 11655 & 12025 (fr 5/4 Famularo-NJ)  
KI: EE: vocal mx; tlk abt Jews in USSR (252 4/24 Bingham-MA)

JAPAN

6055 1059  
9505 1215  
9595 1430  
1005  
11815 1554  
15235 1615  
17825 \*0145

R. Japan; NSB (R. Tanpa)

NSB: JJ/EE: pop mx; promo in EE: "Shortwave is the Super-Wave"; ID in  
JJ as "R. Tanpa"; weak but in the clear (242 4/23 Cunningham-OH)(211  
4/24 Ruckman-OH)  
RJ: JJ: tlk by OM; JJ pop mx; EE ID at 1300 (232 4/21 Dillon-PA)  
NSB: JJ: sermon w/EE words in text (454 Keenan-CA)  
NSB: JJ/EE: rock mx; anncts in JJ & EE (342 4/28 Welch-MA)  
RJ: EE: Asian Svc of nx (353 4/29 Femyer-AZ)  
RJ: JJ/EE: wld nx; EE interview(544 5/2 Valentine-CA)(4/18 Lord-CA)  
RJ: EE: tlk abt Hong Kong; nx (pr 4/19 Harrell-IL)(242 4/24 Dillon-PA)

JORDAN

11919.5v 0415

Hashemite Kingdom Boasting Svc

HKBS: AA: ID; political tlk (433 3/31 Wood-S. Ar)

## K O R E A (NORTH)

R. Pyongyang

9360 1630 RP: CC/RR: folk mx; nx at 1700; f/out by 1708(342 4/16 Keenan-CA)  
 9560 1900 RP: EE: IS, ID, s/on; nx; QRM de Ethiopia (533 4/12 Wood-S. Ar)  
 9745 1105 RP: EE: meeting between Party officials of China & N. Korea; history of and speech by "The Great Leader" Kim il Sung; appeal to US to withdraw from S. Korea(333 5/6 Weikel-MI)(222 4/20 Dillon-PA)  
 9977 1100 RP: EE: birthday greetings to you know who (hi!); usual anti-US cmty and tlks of reunification(333 4/18 Fisher-MA)(Golab-IL)(Gunter-NC) +4

## K O R E A (SOUTH)

R. Korea

7550 2207 HK: EE: tlk abt S. Korean movie personalities (252 4/4 Bingham-MA)  
 9570 1406 HK: EE: nx; "Echoes of Trad. Mx."; tlk of Pope's upcoming visit; "Let's Learn Korean" (333 4/15 Ohlinger-CA) (454 4/26 Femyer-AZ)  
 9750 1400 RK: EE: KK mx; tlk of Asian swimming championships(gd 4/28 Harrell-IL)  
 9870 1640 RK: EE: Olympic animal naming contest (333 4/16 Stephenson-CA)  
 11805 1300 RK: CC: ID, nx; appears to replace 6135 (433 4/13 Wood-S. Ar)  
 15575 1408 RK: EE: wld nx; 2 YL w/letters between mx selections; // 9750 (333 5/4 May-OH) (242 4/21 Dillon-PA) (333 4/29 Berkholtz-MN)

## K U W A I T

R. Kuwait

9840 2105 HK: AA: nx, ID, sked; relig drama (444 4/13 Dillon-PA)  
 0307 HK: AA: ID, nx, recitation to 0329\* (333 4/4 Jones-TX)  
 11675 1829 RK: EE: sked, nx by OM; weekly pgm abt Mohammed; US pop mx for one hr. (353 4/3 Bingham-MA) (545 4/6 Robinson-TN) (Stein-NJ)  
 15110 1404 RK: AA: AA mx; ID "Huna al Kuwait"; radio drama (444 4/21 Shimada-JP)  
 15495 2100 RK: AA: wld nx; ID "Itha'at il Kuwait"; EZL & AA mx(232 4/9 Dillon-PA)  
 21545 0600 RK: AA: sked; "Kiddies' Corner" (544 4/15 Wood-S. Ar)  
 21675 0900 HK: AA: AA mx; ID by OM into nx (444 5/3 Matsui-JP)

## L E B A N O N

V. of Hope; R. Lebanon

6215 1845 VoH: RR: relig transcription from San Francisco; EE ID(444 4/14 Wood-S.A.)  
 2331 VoH: EE: relig meditation; wx rpt; ID; severe QRN & QRM (232 4/22 Hevern-NY) (322 4/24 Hardester-NC)  
 6550 \*0405 RL: AA: River Kwai IS; NA; ID by YL (222 4/19 Hevern-NY)(Wood-S. Ar)

## M A L A Y S I A

(PENINSULAR)

R. Malaysia

5965 1530 RM: EE: Malaysian string mx; ID by OM who anned only 15295 kHz; nice signal to 1700 (gd 5/1 Witte-CA)  
 6025t 1500 RM: CC: YL w/tlk; class. mx; no ID hrd (454 4/12 Berri-CA)  
 7295 1430 RM: EE: OM w/ID; YL w/"Music Time" (444 5/3 Berri-CA)  
 15295 \*1030 RM: Mandarin: ID by YL; CC pop mx; TPs at 1100 (333 4/21 Dillon-PA)

## M A L A Y S I A

(EASTERN)

R. Malaysia

4950 1330 RM-Kuching, Sarawak: EE: nx by YL; tlk on education; lcl time & ID by YL; "Potpourri" mx pgm (fr 4/30 Sharpe-CA)

## N E P A L

R. Nepal

9590 1601 RN: ?: rock & Nepali mx; ID at 1603; // 5005 (242 Miyauchi-JP)

## O M A N

BBC Relay

15310 1528 BBC: EE: feature on British pianist tour of Hong Kong and China (fair 4/12 Famularo-NJ)

## P A K I S T A N

R. Pakistan

9423 1845 RP: Urdu: nx; "Pakistan zindabad", anthem and 1855\* (333 4/3 Wood-S.Ar)  
 963a 0200 RP: Urdu: vocal/instrl mx; OM anncr; first time hrd at this hr(343 no date Thompson-CA)  
 11672 \*1600 RP: EE: slow spd nx by "the colonel"; // 15595 (444 4/11 Wood-S.Ar)  
 12015 0400 RP: Farsi: ID "Inja Islamabad"; Pak. mx; 0415\* (544 4/4 Wood-S.Ar)  
 17752 0335 RP: Swahili/EE: EE nx; 0345\* in Swahili to "Afrika Mashariki" (E.Af) (555 4/20 Wood-S.Ar)  
 21500 1600 RP: EE: slow spd nx; this freq to E. Africa // 17680, 15595, 11672, & 9863 (555 4/17 Wood-S.Ar)  
 21802 1102 RP: EE: slow speed nx; // 17600 (343 4/23 Soomre-MA)

## P H I L I P P I N E S

Maharlika Bcst System; R. Veritas; FEBC; VOA

3285.8 1159 MBS: EE: ID "DZFM (MW Stn), MBS, bcsting from Media Center"; nx on the hour (242 4/23 Miyauchi-JP)  
 9605 1545 RV: EE: OM w/nx into Hindi(?) Indian mx pgm (333 5/1 Witte-CA)  
 9715 1530 FEBC: CC: instrl gospel mx; YL w/tlk (433 4/30 Thompson-CA)  
 9760 1130 VOA: EE: press conf.; Doris Day & Sinatra vocals(332 4/28 Welch-MA)  
 11850 1610 FEBC: EE/CC: IS, ID; YL & OM w/relg pgm; // 11870 (444 5/1 Witte-CA)

PHILIPPINES Cont.

11890 \*0900 FEBC: EE: ID: "Something Good" pgm (333 4/18 McKeon-FL) "Operation Friendship", names and addresses given for pen pals; ID & freqs given as 11890 & 21515; relg mess. & 1000\* (333 4/18 MacGibbon-OR)

15440 1455 FEBC: EE: OM w/"Guidelines" pgm; full ID at 1500; Bible study pgms. (333 4/2 Brewer-AR)

Q A T A R

17910 1700 Qatar Boosting Svc  
 QBS: AA: TPs, wld nx; ID "Itha'atu Qatar min Doha" then abruptly off. (Strange-listed as 2130\* and I hrd a 2126\* on 5/11. RBT) (gd 4/19 Famularo-NJ) (343 4/19 Dillon-PA)

S A U D I A R A B I A

BSKSA  
 9870 2030 BSKSA: AA: AA mx; ID: tlk by OM (232 4/10 Dillon-PA)  
 11092.5 0420 BSKSA: AA: Qur'an Svc on USB; 2nd Pgm on LSB(444 4/11 Wood-S. Ar)  
 11820 1655 BSKSA: AA: "Call of Islam"; ID as "Idha'at Nida'i al Islami min Makkata al-Mukarrama.."; Qur'an; AA mx(343 4/26 Matsui-JP)(4/19 Dillon-PA)  
 15200 1600 BSKSA: Swahili; IS; anthem; Qur'an; nx at 1630(544 4/10 Wood-S. Ar)  
 17740 0604 BSKSA: AA: Qur'an; ID at 0617; cmt; QRM after 0625 from VOA RR Svc. (232 5/3 Matsui-JP)  
 21495 0824 BSKSA: AA: Qur'an; ID at 0838; OM w/tlk (353 4/22 Shimada-JP)

S I N G A P O R E

BBC Relay  
 9740 1500 BBC: EE: Radio Newsreel; Pgm on Paris (544 4/30 Thompson-CA) AZ)  
 11750 1510 BBC: EE: rpt on shooting at Libyan embassy in London(454 4/18 Femyer-  
 15225 1700 BBC: EE: Kranji ID; world nx (444 5/2 Witte-CA)(422 4/3 Wood-S.Ar)  
 15360 0935 BBC: EE: pop mx pgm; English by radio (443 4/20 Unruh-HI)

S R I L A N K A

SLBC  
 4871 1158 SLBC: Sinhala: YL w/folk mx; TPs to 1200; nx(343 4/7 Robertson-wA)  
 4968 1600 SLBC: Sinhala: ID; mx pgm (343 4/3 Wood-S. Ar)  
 11835 1045 SLBC: EE: tlk on Eastern relg traditions (322 4/6 Blanchette-FL)

T A I W A N

Bdcst Corp. of China; VOFC  
 6180 1900 BCC: CC: lively Western march; ID; jammed (433 4/14 Wood-S. Ar)  
 9765 1045 VOFC: CC: YL w/ID; CC mx; into JJ at 1100 (444 4/21 Cox-CA)  
 15215 0400 VOFC: CC: "San Min Chu I" anthem; nx; WRTH lists 15225(433 Wood-S.Ar)  
 15270 1200 VOFC: Cantonese: CC class mx; ID: QRM de BBC RR Svc (323 4/5 Wood-S.Ar)

Again, I recvd many VOFC rpts via WYFR. If you log VOFC on any of the following freqs, send them to J. Cereghin: 6185, 7130, 5985, 11740, & 15525. RBT

T U R K E Y

V. of Turkey  
 9515 0257 VoT: Turk: piano IS: ID by YL "Burasi Turkiyenin Sesi Radyosu"; OM w/nx (322 4/23 Dillon-PA)  
 9560 0520 VoT: EE: mx; OM w/ID; YL w/DX Pgm-listed some new Hawaiian stns on SW! (Are these proposed stns Tom? The only current one I know abt is WWVH)  
 11750 1945 VoT: Turk: Turkish mx; tlk by OM; ID at 1955; het (444 4/16 Dillon-PA)  
 11870 0310 VoT: EE: review of Turkish press; DX Corner; 0350\* (444 4/21 Blanchette-FL) (454 4/29 Bingham-MA)  
 17726 \*0300 VoT: EE: nx to NAM; QRM de R. Beijing (544 4/15 Wood-S. Ar)

U S S R (ASIAN)

7290 1330 R. Moscow-Vladivostok: EE: tlk on banning chemical weapons; RR folk mx (444 4/21 Cox-CA)  
 7320 1515 Magadan-ARFSFR: RR: piano concerto; OM w/ID; mx from "Carmen"; // 7310, 7275 (454 4/24 Berri-CA)  
 11690 1830 Vladivostok-ARFSFR: RR: ID as "R. Stantsiya Okean" & "Govorit Vladavostok"; nx; RR pop mx (gd 4/23 Sharpe-CA)  
 12050 0600 RM-Petropavlovsk: EE: nx; Moscow Mailbag (fr 5/6 Sharpe-CA)  
 15460 \*1200 R. Tashkent-Uzbek SSR: RR: nx; ID at 1205; mx (344 4/29 McKeon-IN)

U N I T E D A R A B E M I R A T E S

R. Dubai  
 9550 2040 RD: AA: tlk by OM; prayers; ID, NA, & 2052\*(333 4/10 Dillon-PA)  
 11730 \*0330 RD: EE: wld & ME nx; press review; Mailbag at 0348; mx (444 4/2 McKeon-IN) (222 4/10 McKinney-PA)  
 11955 1605 RD-UAE Radio: EE: drama; EZL mx; wx w/106° F temp.(gd 4/12 Famularo-NJ)  
 15300 1620 RD: EE/AA: QSL info; tlk abt teaching deaf children(333 4/22 Unruh-HI) (333 5/6 Thompson-CA) at 1750 in AA: AA mx; ID; QRM de R. France Intl. (433 4/14 Dillon-PA)  
 15320 1600 RD: EE: nx; symphonic mx; "Arab Heritage"; press review; tlk abt Prayer Carpets (433 4/16 Coleman-MA)(McKeon-IN)(Bingham-MA)(Wood-S. Ar) +1  
 15435 0350 RD: EE: Mailbag pgm and s/off (433 4/13 Stephenson-CA)



UAE Cont.

17830 0529 RD: EE: ID by YL; wld nx & cmty; story abt Ibn Khaldun; NA & 0600\*;  
// 17775, 21700 (343 5/3 Matsui-JP)

21700 0430 RD: AA: OM & YL w/trlk of AA instl mx; AA mx (353 5/6 Thompson-CA)

V I E T N A M

V. of Vietnam

6524.6 1358 Cao Bang: VV: lcl string mx; IDs on the hr (343 4/16 Miyachi-JP)

9840 1118 VoV: EE: VV lang lesson (222 4/17 Gunter-NC)

10040 1141 VoV: RR/JJ: YL w/nx & cmty, many ments of Nicaragua; into JJ at 1200.  
(333 4/19 Cox-CA) EE at 1800 w/anti Chinese cmty; // 15010(Wood-S. Ar)

12035 1112 VoV: EE: anti-Thailand cmty; mx; ID into CC? @ 1131(333 4/21 Dillon-PA)

15010 \*1900 VoV: EE: NA, ID; nx incl condemnation of Chinese incursions. (fr-gd  
4/12 Famularo-NJ) at 1337 in EE w/trlk of USSR/Vietnam relations (353  
4/15 Welch-MA)

15012 1300 VoV: FF/EE/JJ: FF tlk of Kampuchea; EE nx & tlk at 1330 into JJ at 1400  
(343 4/21 Unruh-HI)

Y E M E N A R A B R E P U B L I C

R. San'a

9780 0330 R. San'a: AA: tlk by OM w/ments of Yemen (333 4/7 Golab-IL)

UNIDENTIFIED

6348 1120 Unid: KK?: Asian pops; OM w/trlk; is this R. Echo of Hope (S. Korea) &  
if not, does anyone speak KK to get an ID for me?!(322 4/7 Robertson-WA)

7185 1009 Chinese Clandestine?: CC: orch. NA; OM w/CC pgm to 1025 NA; same pgm  
at 1030, 1045, 1100, 1115 and s/off @ 1125 w/ID "Shen Du Yi"(?); not  
hrd agn in 2+ weeks...anybody, HELP (444 4/15 Robertson-WA)

##### O C E A N I A #####

A U S T R A L I A

R. Australia

4920 1105 VLMA-Brisbane: EE: big band mx; ABC nx(242 4/21 Dillon-PA)(Abbott-IL)

5995 1115 RA: EE: political & econ. nx; tlk of Chernenko's new rule in USSR (444  
5/1 Valentine-CA) (322 4/19 Ruckman-OH)

6035 1700 RA: EE: nx; normally Carnarvon is 250kW, but put off air by windstorm,  
this is believed now to be Shepparton 100kW; weaker than Carnarvon &  
weaker than Shepparton on 6060. (333 4/18 Wood-S. Ar)

6045 0818 RA: EE: ID, sked, nx, pop mx(222 4/26 Ruckman-OH) (Gunter-NC)

6140 0957 VLW6-Wanneroo: EE: ID, nx, TC (333 5/1 Gunter-NC)

9610 1200 VLW9-Perth: EE: song "Bonnie from Killarney"; rock mx; relg message.  
(444 4/5 Robinson-TN)(444 4/26 Berri-CA)(434 4/20 Abbott-IL)

9660 1038 VLQ2-Brisbane: EE: songs by Gene Kelly (332 4/13 Welch-MA)

9770 1430 RA: EE: Dennis Gibbons cmty on the mentally handicapped(444 4/21  
Langlois-GA)

11910 0408 RA: EE: mx; stn pgm notes; "around the World" pgm (222 4/17 Ohlinger-  
CA) (353 4/1 Keenan-CA)

15230 0410 RA: FF: Press Review; rpt on Libyan embassy situation in London (222  
4/23 Stiner-NY)

15395 0400 RA: EE: nx; rpt of relg turmoil in India(333 4/23 Stiner-NY) +3

17865 0345 RA: EE: IS for 15 min. to \*0400; nx; //21680,15395, 15160(4/20 Wood-SA)

See the May issue of SPEEDX for additional R. Australia freqs. RBT

G U A M

KTWR

9505 1400 KTWR: EE: ID, addr; Bible course by mail; s/off w/organ at 1430 into  
pgm in Tamil lang; co-channel QRM de Japan(322 3/31 Keenan-CA)

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

KYOI; KFBS

11900 1236 KYOI: EE/JJ: "All hit radio-24 hrs a day"; Coca-Cola ad (433 4/19  
Dillon-PA)(333 5/4 Fisher-MA)(454 4/29 McKeon-IN)(544 Gunter-NC)

15115 1000 KFBS: EE/JJ/KK: test xmsn giving power as 100kW (444 4/20 Unruh-HI)

0910 KFBS: RR: tlk; relg mx; occ IDs in RR & EE; 1100\*(544 4/27 Matsui-JP)

15125 2318 KFBS: EE: YLw/ID & addr; QRM de CC stn (232 4/19 Robertson-WA)

15150 1218 KFBS: EE: instl mx; annot "This is KFBS testing from...island"; into  
JJ or KK; QRM de unid EE lang stn (332 5/4 Hardester-NC)

N E W C A L E D O N I A

R. Noumea

7170 0830 RN: FF: FF/EE mx; nx headlines; US pop mx; ID (343 4/16 Soomre-MA)  
(252 4/13 Blanchette-FL)(322 5/1 Gunter-NC)

N E W Z E A L A N D

R. New Zealand

9520 1000 RNZ: EE: nx of N. Zealand and Pacific (232 5/7 Welch-MA)

11960 1119 RNZ: EE: cmty; jazz mx; ID & nx(223 5/6 Gray-MI)(343 4/20 Golab-IL)

0635 RNZ: EE: spts nx; "National Pgm"; "Call to Prayer"(gd 4/15 Famularo-NJ)

NEW ZEALAND Cont.

15485 0335 RNZ: EE: pop mx; TCs; wx for major NZ cities(242 4/20 Dillon-PA)  
17705 0222 RNZ: EE: YL anncr w/class mx pgm (323 4/26 Abbott-IL)

P A P U A N E W G U I N E A

3360 0926 R. Milne Bay: EE/Vern: mx, from lcl guitar to Beatles; IDs w/chime on the hour (242 4/17 Miyauchi-JP)  
4889.6 0940 NBC Port Moresby: EE: tape of "Report from Asia" from R. Australia; ID & TC into radio drama (444 4/18 Miyauchi-JP)(333 4/30 Gunter-NC)

S O C I E T Y I S L A N D S

R. Tahiti  
6135 0530 RT: FF/Tah: island mx w/YL anncr(333 4/29 Witte-CA)(Robertson-WA)  
11825 0552 RT: FF/Tah: mostly Polynesian mx but also some rock; FF nx at 0600; s/off w/FF NA at 0728 (444 4/18 Waelterman-MO)(Golab-IL)(Matsui-JP) +1  
15170 0410 RT: FF/Tah: YL w/island mx; OM w/nx (444 4/11 Sable-NY)(454 4/17 McKeon-FL)(Stephenson-CA)(Blanchette-FL)(Waelterman-MO)

S O L O M O N I S L A N D S

SIBC  
5020 0800 SIBC: EE: OM w/nx to 0809; OM w/rundown & chatter-boring! (232 5/3 Thompson-CA)  
9545 0715 SIBC: EE/PD: info on church services & relig mx; messages for public from govt officials; YL in PD w/rock and polynesian mx; EE nx at 0730 (444 4/18 McKeon-FL) (333 5/6 Sharpe-CA)

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There have been a number of stations recently utilizing the relatively new 22 meter band ( 13600-13800 kHz ) including the following Asians:

13700 Iraq (I'm assuming this is the Sawt ul Jamaheer Home Svc)  
13720 Kol Israel: Home Svc in Hebrew, 1730-2215  
13745 Kol Israel: External Svc in EE, 1900-2200

There is also an unidentified reported to be on 13670 kHz around 0200 w/CC & KK mx.

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INTERNATIONAL WATERS: Dr. Richard Wood-Saudi Arabia reports that the Voice of Hope, formerly on 6240 kHz has been inactive on SW since late March.

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WBI NEWS

AFGHANISTAN: Since 4/1/84 R. Afghanistan has been boosting its EE svc to South and South East Asia from 0900-1030 on 21460, 17720, 6230, and 4450 kHz. The 1900-1930 EE xmsn is beamed to NAM and W. Europe on 15077, 11960, and 9655 kHz. The AA svc from 1700-1730 is heard on 15330 and 11700 kHz.

BANGLADESH: EE Svc sked to Europe:

21450, 15230 kHz 0730-0800 "Voice of Islam" pgm  
21670, 17800 kHz 1230-1300 News, cmty, and Press Review on Thursdays  
9540, 7280 kHz 1815-1915 Slow speed news at 1900

CYPRUS: Publicity material concerning Bayrak Radio-TV indicates that new projects for the period 1984-1988 included the building of a 300 kW SW xmtr for a foreign lang svc.

INDIA: All India Radio reported on 4/9/84 that a new integrated best svc for the north-eastern region with a 50 MegaWatt (sic) SW xmtr was expected to be commissioned next year. It would operate from Shillong. Gauhati would also have a 50 MegaWatt (sic) SW xmtr to strengthen its existing service. AIR is also expected to commission new radio stns at Madurai, Adiliabad, Itanagar, Tura, Sholapur, and Almora during the current financial yr.

IRAN: An unid station which plays rev. songs in Persian supporting the ideology of the Khomeini govt has been hrd boosting on 4990 kHz. This channel is also occupied by Armenian Radio in Yerevan, which carries ext-svc pgms in AA, Armenian, & Kurdish to the M. East.

NEPAL: R. Nepal now using 9590 kHz instead of 3230 as of 4/1/84. This freq //s 5005 kHz from 0020-0350, 0720-1050, and 1150-1720.

OMAN: R. Oman is currently hrd on 6085 kHz during the evening period (GMT), // 11890.

MALAYSIA: RTV Malaysia reported on 3/15/84 that the Minister of Info had stated that R. Malaysia's overseas svc needed to be extended. The Govt had agreed to expand the svc to include pgms in JJ, Cambodian, Laotian, & VV. The Minister added that the svc needed to be extended to Europe and Canada in an effort to attract investment.

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I guess nobody had any luck hearing R. Hong Kong in April. A report on RCI's SWL Digest stated that a listener in Arkansas hrd them on 4/23 at 1055 GMT so they did make an appearance. Oh well-1986 is only two short years away-HI! As for me, I'll be back in one month. Still not sure if I will be at the ANARC Convention in July.

73's  
Bob

# QSL REPORT

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ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

VIA AEREA

Hello everyone, and welcome to the June 1984 QSL report. Let's get right to the information:

\* AFRICA \*

ALGERIA-RTA-15160, f/d logo card in 9 months (Gilley-VA). 17745, f/d card in 20d for 3irc on second try (No Name-!!). Same in 70d after f/up for ms and US\$1 (Van Horn-TX).

CAPE VERDE-R. Voz de Sao Vicente-3931, date/freq card in 26d for 2 irc (Leite-MA).

CHAD-R. Moundou-5286, long handwritten FF letter from stations director in 10wks for FF rpt and 2 irc (Lobdell-MA). V/S-Dorong Gue'la Ketchoua.

DJIBOUTI-RTVD-4780, date only plain card in 3mos for FF rpt and 2 irc (MA-Lobdell). Same in 80d after f/up for ms and FF rpt (Card-RI).

GABON-R. Japan Relay-f/d special verification in 23d (Dillon-PA). Date/freq card in 17d (Jones-VA). f/d card in 19d for an irc (Gurley-TX). d/f map card in 30d (Welch-MA). Same in 22d (Gunter-NC). Same in 17d (Soomre-MA).

LIBYA-R. Jamahiriya-11816, f/d logo card in 166d for 2 irc (Dillon-PA). Same in 119d for 2 irc (Chickerell-WV). Same in 38d for an irc (Radtke-CA).

MADAGASCAR-R. Nederland-15560, 21480, f/d Van Gough card in 48d for 2 irc (Card-RI). Construction card in 18d (Adams-MA).

MOROCCO-VOA-9760, f/d 4th of July card in 11d (Welch-MA).

NAMIBIA-R.SWA-3295, f/d card in 30d for an irc (V. Hevern SJ-NY).

NIGERIA-FRCN-Kaduna-4770, f/d form letter in 45d for an irc (Heinen-CO). V. of N.-15120, f/d airport card in 511d for 3 irc after f/up (Woloch-PQ). Sokoto State Bcstng Corp-6195, PFC returned in 6 wks after f/up of 1980 reception. V/S:S.A. Akande for Controller of Programmes. Also called Rima Radion and address is: P.M.B. 2156, Sokoto. (Lobdell-MA).

RWANDA-D.W.-19m, refusal to return a prepared f/d QSL in 30d for ms and GG rpt. DW is using no data cards agn. (Card-RI).

SENEGAL-R. Senegal-4890, date/freq card in 177d for an irc.(Soomre-MA). f/d fish card in 30d after f/up for 2 irc and FF rpt and \$1.00 (Van Horn-TX).

SOUTH AFRICA-R.5-3250, f/d montage card in 48d after f/up for 2 irc (None-!). R. RSA-25790, 5980, 11900, 9615, 6065, 6160, f/d cards in 46d (Ducos-FR). in 90d (Heinen-CO). in 30d with pennant (Adams-MA). in 20d for 3 irc (Co-Neuwerth). In 42d (Barto-CT). In 20d with pennant (Chickerell-WV).

TUNISIA-RTV Tunisiennne-7225, date/freq personal letter in 36d for 2 irc and FF rpt (Parks-FL).

\* EUROPE \*

ALBANIA-R.T.-9790,7065, date/time card in 160d for 2 irc after 2 f/up's (Card-RI). Same for same in 96d (Gurley-TX). Same in 304d (Talbot-ATA).

AUSTRIA-ORF-5945, 17770, f/d glass towers card in 51d (Welch-MA). Card and sticker in 72d (Welch-MA). Art card in 50d (Harrell-IL). Mountains card in 44d (Harrell-IL). Card in ??d along with sticker (Bishop-NY). Art card in 65d for an irc (Mendez-NJ).

BELGIUM-BRT-5910, 2 QSLs in 30d (Klosowski-FL). Form letter in 73d (Soomre-MA). card in 39d (Welch-MA). Building card in 30d (Harrell-ILL). Letter in 40d for an irc (Falbo-OR). Same in 40d for an irc (Mendez-NJ). F/d cards in 61, 37d (Dillon-PA).

BULGARIA-R.Sofia-9700, 7115, f/d card and letter in 85d (Chickerell-WV). Same in 60d (Harrell-ILL).

CZECHOSLOVAKIA-R.P.-Various freqs, f/d costumes card in 23d (Renn-WA). Architecture card in 30d (Barto-CT). Card in 51d for an irc (Falbo-OR). Books and magazines and a calendar were received by (Chickerell-WV).

FRANCE-15300, 17760, 17795, card in 28d (Ducos-FR). 50th ann card and pennant in 55d (Harrell-IL). QSL and pennant in 58d for an irc (Claytor-OH).

EAST GERMANY-RBI-7185, 9560, 21540, 3 QSLs in 46d (Ducos-FR). f/d card and first day covers in 75d (Welch-MA). Card and script on 3/25 mailbag program in 54d (Welkel-MI). Card and book in 32d (Speer-CA).

GERMAN FEDERAL REPUBLIC-Sudwestfunk-7265, date/freq morse card in 65d for an irc (Schulsinger-OH). Same in 181d for an irc (Soomre-MA). V/S-I.V. Krank, Tech. Dir. RFE-3970, 6115, 7200, freq only card in 16d (Barto-CT). R. Liberty-6115, 9725, freq only card in 16d (Barto-CT). DW-9690, no data map card in 41d for an irc (Neuverth-CO). Also recd a decal. Bayerischer Rundfunk-6085, antenna card in 60d for an irc (Schulsinger-OH). Sender Fries Berlin-6190, f/d logo card in 29d for an irc (Jones-VA).

GREAT BRITAIN-BBC-9590, no data london bridge card in 17d (Harrell-ILL).

GREECE-VOA-Rhodes-15195, f/d card in 12d (Card-RI). V of G-11645, f/d Plpmari card in 55d (Welch-MA).

HUNGARY-R. B.-RBSWC Annual QSL card (Byron-PA), (McKinney-PA). 9835, QSL in 67d (Ducos-FR).

ICELAND-13797, R.R.-f/d view card in 164d for 2 irc (Gilley-VA). Same in 150d (Adams-MA).

ITALY-RAI-7175, 9575, f/d statue card in 162d for 2 irc and EE/ITAL. rpt (Gammie-MI). Card in 26d (Barto-CT). Card in 165d for an irc (Mahoney-FL). Card and Cloth pennant in ?? (Chickerell-WV).

LUXEMBOURG-R. Lux-6090, f/d station crew card in 30d (Adams-MA). Studio card in 22d for 2 irc (Gurley-TX).

NETHERLANDS-R.N.-9895, f/d Van Gogh card in 27d (Ducos-FR). f/d card and pennant in 25d (Welch-MA). Same in 10d (Mendez-NJ).

POLAND-R.P.- 2 qsls in 76d (Ducos-FR).

PORTUGAL-RFE-various freq cards in 16d (Barto-CT). R. Portugal-9575, 11925, 11775, f/d underwater scene card in 48d (Renn-WA). F/d zoo card in 30d (Harrell-ILL). Same in 28d (Welch-MA). Same in 34d for an irc (Claytor-OH). DW-15160, f/d ann. card in 60d (Jones-VA). AWR-QSL and pennant in 34d (Ducos-FR). 9670, Antenna card and calendar in 22d for 2 irc (Soomre-MA). R. Renascenca-11730, time/freq logo card in 65d for an irc and PP rpt (Mahoney-FL). Same in 7mos for 2 irc (No Name). time only card ib 46d for PP rpt (Barto-CT). Same for an irc in 126d (Soomre-MA).

ROMANIA-R. Bucharest-5990, 9550, 9510, f/d card in 90d (McKinney-PA). Same in 120d for 2 irc (Adams-MA). f/d Forester's Daughter card in 81d (Talbot-ATA). Card in 65d (Talbot-ATA). Card and 3rd year RB listeners Diploma in 50d (Mahoney-FL).

SPAIN-SFR-f/d card and calendar in 37d (Shimada-JAPAN). f/d painting card in 54d (Chituiu-MD). F/d card in 38d (Bishop-NY). Same in 34d (Speer-CA). R. Liberty-17725, freq only card in 16d (Barto-CT).

SWEDEN-RSI-17860, f/d stop acid rain card in 14d (Klosowski-FL). f/d EDXC card in 52d (Barto-CT).

SWITZERLAND-SRI-11715, 17850, f/d card in 38d (Caceres-NY). Interview card in 29d (Bishop-??). f/d card in 40d (Renn-WA).

VATICAN-Vatican Radio-6015, 11740, f/d pope card in 374d (Hevern-NY). Same in 62d (Harrell-IL).

\* USSR \*

R. Tashkent-9600, f/d logo card in 50d with pocket calendar (Dillon-PA).

R. Baku-4785, f/d paper form card in 132d (Soomre-MA).

R. Yerevan-17870, f/d white card in 53d (Renn-WA).

R. Tallin-5925, f/d card in 39d (Leite-MA).

R. Kiev-9580, f/d sports card in 35d along with stamps (Mahoney-FL).

R. Moscow-9760-Armavir, (Falbo-OR). 7260-Ryazan, 9710-Frunze, 9795-Tbilisi, (Van Horn-TX). 9780-none, 9790-Komsomolsk-on-Amur, 15455-none (Unruh-HI). 11800-Kiev (Ducos-FR). 11840-Moscow (Claytor-OH). 17880-Irktusk (Jones-VA).

15455-Petropavlosk-Kamachatsy (Jones-VA). 15455, 12010-Pet-Kam, 7100-Armavir (Dillon-PA). 15455-Pet-Kam-Schulsinger-OH). 11750-Vladivostok, 15470-Komsomolsk-on-Amur, 11710, 15180, 15450, 15140, 12010-Pet-Kam (Speer-CA). 11900, 17810, 9780-No sites tho requested (Welch-MA).  
Pet-Kam is Petropavlosk-Kamachatsky, and all cards were received in about 50 days.

\* ASIA \*

AFGHANISTAN-R. Afghanistan-15077, f/d card in 120d (Adams-MA).

CHINA-R. Beijing-7055, 9860, 11860, 11650, 9064, QSL and pennant in 42d (Ducos-FR). Card and pennant in 92d (Dillon-PA). Card in 70d (Barber-??). Card, letter and pennant in 32d (Mendez-NJ). Great wall card in 18d with a pennant (Welch=MA). Card in 46d (Chituck=MD). Bookmarks, calendar, magazines (Chickerell-WV).

INDIA-AIR-9912, f/d card in 90d for an irc (Mahoney-FL). 4800-Hyderabad, f/d card in 61d (Barto-CT).

IRAQ-R. Baghdad-????, f/d large folder card in 84d (McKeon-IN).

ISRAEL-Ko1 Israel-11655, f/d card in 56d (Bishop-NY). Same in 49d for 2 irc (Macrie-??).

JAPAN-R. Tampa-6055, f/d orbiting headphones card in 148d, 43d after f/up for an irc (Renn-WA). R. Japan-21610, QSL in 22d (Ducos-FR). I received 6 reports for RJ via Africa No One reported as Japan, these would be reported as Gabon please. Seems to be some confusion here, though, as some reporters believe that the transmission that they heard was not via ANO, even though their cards say so. So now for the missorts, these are RJ via ANO: 9505, 17755, 9675, 15300, Special card in 20d (Harrell-IL). Same in 26d for an irc (Falbo-OR). Same in 34d for an irc (Neuverth-CO). Same in 34d (Bishop-NY). Same in 26d (Mahoney-FL). Card in 32d (Speer-CA).

KUWAIT-R. Kuwait-11675, f/d folder card in 33d (Leite-MA). Same in 32d with wrong date (Chickerell-WV). Same in 44d for 9840 Khz (Welch-MA).

LEBANON-6215, logo card, bumper sticker, and station info in 9d for MS (Hardester-NC). Same in 94d for 2 irc via Israel (Mahoney-FL). The first one was via California address.

NORTH KOREA-R. Pyongyang-9745, 15230, f/d rising sun card in 60d (Heinen-CO). Card, pennant, 3-d calendar, postcards, and book in 228d, 75 after f/up for an irc (Renn-WA).

PAKISTAN-P. Pakistan-17840, time/freq letter in 33d along with "Pakistan Calling" journal (Shimada-JPN).

PHILIPPINES-V of Philippines-9580, date/time card in 36d (Shimada-JPN). FEBC-11890, f/d Sunset card in 38d for 3 irc (Davidson-TX). VOA-Tinang-9760, f/d card in 28d (Unruh-HI). R. Vertas Asia-11955, f/d card in 33d for an irc (Speer-CA). Also recd sked, postcards and Japanese stamps.

SAUDI ARABIA-BSKSA-11855, f/d logo card in 65d for EE rpt and postcard (Gilley-VA). Reply was via registered mail.

SOUTH KOREA-KBS-7550, qsl and sticker in 42d (Ducos-FR). 15575, f/d bridegroom card in 28d with a pennant (Byron-PA). Same combo in 33d for an irc (Falbo-OR). f/d bridge card in 90d (Heinen-CO). Bridegroom card in 18d (Bishop-NY). Same in 23d for 2 irc (Adams-MA). Same in 60d (Mahoney-FL).

TAIWAN-V of Free China-5985, f/d card in 20d (McKinney-PA).

TURKEY-VOT-9660, f/d card and pennant in 14d (ducos-FR).

UNITED ARAB EMIRATES-R. Dubai-15320, 21655, f/d card in 49d (Barto-CT). Map/logo card in 84d for an irc (Falbo-OR). Also a pennant.

VIETNAM-VoV-15010, f/d folder card in 104d (Talbot-ATA).

\* OCEANIA \*

AUSTRALIA-VLW6-6140, f/d map card in 28d (Renn-WA). R. Australia-5995, 9580, 17795, forest kingfisher card in 24d for 3 irc (Neuverth-CO). Same in 31 days (Speer-CA). Seals card in 8d for 2 irc (Macrie-NJ).

GUAM-KTWR-9510, f/d flower card in 18d for 60¢ MS (Golab-IL). Same in 37d (Barto-CT). Same in 30d (Gurley-TX).

SAIPAN-KYOI-11900, f/d logo card in 57d for ms (Dillon-PA).

NEW CALEDONIA-R. Noumea-7170, n/d logo card in 300d for 2 irc (Card-RI).

PAPUA NEW GUINEA-NBC-4890, f/d map card in 46d for an irc-V/S-Thomas Aye (Talbot-ALTA).

SOLOMON ISLANDS-SIBC-9545, f/d card in 23d for 3 irc (Welch-MA).

\* CENTRAL AND NORTH AMERICA and the CARIBBEAN \*

ALASKA-KNLS-9685, f/d letter in 11d for ms (Falbo-OR). Same in 10d (Unruh-HI).

CANADA-CKZN-6160, f/d CBC card in 43d for an irc (Golab-IL). CFRX-6070, f/d CFRE plane card in 30d (Huffaker-MX). Same in 55d for an irc (Brewer-AR). CFVP-6030, f/d downtown calgary card in 15d for ms (Heinen-CO). Same with stickers and map in 4d for ms (Talbot-ALTA). CFCX-6005, f/d R. Montreal card in 35d for an irc along with a sticker (Mendez-NJ). Same in 41d (Caceres-NY). RCI-5960, f/d DIY card in 11d (Jones-VA). Same in 20d (Dillon-PA). Same in 19d (Mahoney-FL). Same in 26d (McCants-AL). Same in ?? (Adams-MA). Same in 80d (Macrie-NJ).

CUBA-R. Moscow-11840, f/d card in 78d (Gurley-TX). Same with stamps in 45d (Schulsinger-OH). RHC-11690, f/d Lenin park card in 52d (Barto-CT). El Morro Castle Card in 220d (Dillon-PA). Same in 180d for 2 irc (Adams-MA). Card in 6mos (Romberg-WI).

HONDURAS-HRVC-La Voz Evangelica-4820, f/d logo card in 27d for 2 irc (Falbo-OR). Same in 90d for 2 irc and SS rpt (Adams-MA). La Voz de Mosquita-4910, n/d letter and pennant in 12d for 20¢ US stamp (Jones-VA). V/S-Sammy Simpson. La Voz del Junco-6076, f/d card in 35d for \$1 and SS rpt (Parks-FL).

NETHERLANDS ANTILLES-TWR-9535, f/d transmission towers card in 33d for 3 irc (Neuverth-CO). R. Netherlands-6165, f/d museum card in 18d for an irc (CO-Neuverth).

NICARAGUA-La Voz de Nic-5950, date/freq letter, pennant, and stickers in 257d (Szabo-??). Same in 118d for an irc (Falbo-OR). Same in 125d (Renn-WA)

UNITED STATES OF AMERICA-WYFR-15365, f/d 10th ann card in 60d for ms (VA-Jones). Same in 79d (Unruh-HI). AFRTS-11805, f/d Dof Defense card in 7d for 20¢ MS (Unruh-HI). VOA-Bethany-6125, f/d card in 15d (Van Horn-TX). WINB-17730, f/d logo card in 74d (Talbot-ATA). V/s-John H. Norris. R. Earth-6185, f/d Curacao card in 147d V/S-Jeff White (Dillon-PA). Same in 152d for ms (Falbo-OR). WRNO-6185, 17775, 7355, f/d New Orleans Saints card in 30d for ms (Heinen-CO). date/freq card in 11d (Unruh-HI). Louisiana card in 46d (Macrie-NJ). DX club member card in 14d for ms (Hevern-NY). Also received 2 WRNO stickers.

\* SOUTH AMERICA \*

ARGENTINA-RAE-11720, f/d card in 38d with a pennant (Bishop-NY). Same in 44d (Unruh-HI).

BRAZIL-R. Sao Carlos-2420, n/d personal letter in 46d for PP rpt and \$1 (Parks-FL). R. Educadora Rural-2488, 2489, date only letter in 67d for PP rpt (Barto-CT). R. Nac do Brazil-15290, f/d card in 3 wks for an irc (Gurley-TX). Same in 64d (Ducos-FR). Same with sticker in 19d for 2 irc (Unruh-HI). Art card in 31d (Bishop-NY). Statues card in 33d for an irc (Chituk-MD).

ECUADOR-HCJB-9745, f/d indigenous people card in 26d for an irc (Falbo-OR). 15295, Ham card in 60d (Heinen-CO). 35th ann card in 58d (MD-Chituck). Indian card in 24d for 40¢ MS (Welch-MA).

FALKLANDS-FIBS-3950, f/d card in 74d (Barto-CT).

PARAGUAY-R. Nac-9835, freq only form letter in 27d for an irc (Welch-MA). Also recd Stamps.

PERU-R. Libertad de Trujillo, 4910, returned PFC and sent personal letter, photo, and post cards in ?? for SS rpt and MS. (Lobdell-MA). Date/freq card and letter in 15d for SS rpt and \$1 (Parks-FL). V/S-Carlos Burmester B., Abogado, Director-Gerente. R. Concordia-Arequipa-9580, date only form letter, and returned PFC, and a sticker by registered mail in 4 mos for a SS rpt and MS. V/S-Victor Fernandez Bustinza, Gerente (Lobdell-MA). R. Oriente-Yurimaguas-6190, SS personal letter, PFC by registered air in 6 weeks for SS rpt, MS and tape. V/S-Prof. Ricardo Arevalo Flores, Administrador-Director-Artistico. (Lobdell-MA).

R. Nor Peruana-9655, f/d letter in 40d for 3 lang rpt form and registered letter and ms. V/S-Ernsto Toche Natteri. (Van Horn-TX). R. Huamachuco-3829, date/time card and letter in 39d for SS rpt (Barto-CT). Manuel Domingo Gil Gil was V/S.

VENEZUELA-R. Nac de Ven-9530, f/d waterfall card, pennant, sticker, and form letter in 633d for and irc and SS rpt (Parks-FL). R. Maturin-5040, date/freq card in 50d for ms and SS rpt (Huffaker-MA). V/S-Carmelo Resplandor-YV8NE. R. Barquisimeto-4990, f/d card in 20d for an irc and SS rpt. V/S-Morela Pernaleta M. (Mendez-NJ).

\* PIRATES AND CLANDESTINES \*

KPRC-6275, date/freq card in 60d for SASE (Jones-VA).

KQRP-7415, f/d handdrawn card in 18d for 60¢ MS (Golab-IL). Same in 22d for same (Schulsinger-OH).

La Voz del CID-11101, f/d logo card in 14d for 2 irc and SS rpt to Costa Rica (Van Horn-TX).

My printing of pirate radio station QSLs does not mean that this editor, nor SPEEDX support what they do, or represent in any way. It is done as a courtesy to members who wish to see them.

#####

PENNANTS

Pennants were received this month from the following stations:  
R. Nac de Venezuela, RAE-Argentina, R. RSA-So. Africa, R. Pyongyang, R. Nederland, R. Korea, V. of Turkey, R. France Intl, R. Dubai, R. Beijing, RAI-Italy. Stickers were received from: Voice of Hope-Lebanon, CFVP-Calgary, and R. Nac de Venezuela.

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Now to answer some questions:

Radio Moscow will put the transmitter sites on the QSL card when requested. However, sometimes you will receive the cards, without the sites. In this case try again. They usually oblige.

If a reply should be received from a radio station that is a common verifier, without a QSL, send them a new report. Sometimes they do forget to send the QSL.

Please cut your logging slips apart, and include a piece of paper with your name on it. It will make my job easier, and also assure that I won't lose your name when making up the contributors list.

-----  
Universal Shortwave Radio is compiling a list of shortwave radio listeners into a book. It is a great idea, and a way for SWLs to look each other up and meet each other. For more information, and to be listed write to : Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, OH 43068.

Galaxy Electronics has their new catalog out, filled with all sorts of goodies. It is \$1, refundable on order, from Galaxy Electronics, Box 1202, 67 Eber Ave, Akron, OH 44309.

Peter Dillon did an experiment with R. Libya's 2 addresses. He sent 2 reports, one to each, to see which was faster. Malta took 63days while Libya took 166d and was still mailed from Malta. So it is definitely faster to go via Malta. Thank you for sharing this information Peter.

We had 55 contributors this month, thank you for your support.

And now, the moment you have all been waiting for, the TIP OF THE MONTH! Carl Mann sends along self stick pre addressed reply labels along with his reception reports. This makes it easier and quicker for the stations to reply to his letters. He also says, that after he receives a reply from a not too reliable QSLer, he always sends a thank you note. This is a very good idea, as courtesy is a very important part of our hobby, and it makes things better for the next DXer who writes to that station.

When reporting to radio stations and requesting a QSL, always be courteous. Send enough details for the station to verify that you heard them. Try to send at least a half of an hours worth of details, however, if the program is an hour or so, send details on the whole program. Many stations will not verify a reports on less then the whole program. R. Tirana is one that I can think of. Send precise details, names of songs, topics of discussion, not just terms like music and a person talking. Also list the time, in UTC, that each feature was heard.

When requesting the verification, be friendly and non-demanding. A outright demand for a QSL will not get you anyplace. I have seen reception reports and QSL requests which say outright SEND ME A QSL!. This is rude and not in the best intrest of the DXer, as it makes him look like a clod. Be polite, and try to spread international goodwill with every reception report you write. This is the whole purpose of communications, after all, to promote peace.

Try to send return postage, whenever possible. Many of the smaller stations can not afford to spend money on postage. This also applies to most religious broadcasters. Use the column to get an idea of what you have to send for a reply. Many stations, mostly regionals, do not have anyone on the staff who can speak English. In this case you may have to write in the native language of the station. If you can not write in these languages, usually French, Spanish or Portuguese, many SW clubs, including SPEEDX, publish booklets about reporting in them. Write to our headquarters for more information on the Foreign Language Reporting Guide, it is indispensable to the regional DXer. Another alternative is a tri language report form, available to full members of SPEEDX, depending on membership credit. You have to write to the publisher for this information. As for return postage, mint stamps are best, available from the DX Stamp Service, 7661 Roder Parkway Ontario, NY 14519. Send a SASE for a price list. Also available are ircs (International Reply Coupons), from your local post office for 65¢ each. These are good for the return, surface rate, of a letter. It takes more then one for airmail, usually 2 or 3, but sometimes as many as 5. As you can see, it is quite expensive to use ircs.

It is also sometimes helpful to send attention grabbers along with your report. These can include tourist brochures, used commemorative stamps, stickers, or anything else that you may believe would intrest the staff of the radio station. This will sometimes intrest the station staff enough in you, to answer your report.

Finally, after receiving a reply, do not be afraid to send a thank you note. This will help open the doors to the next DXer who writes to the station.

One thing that I forgot to include above, is what other information to include in the reception report. Vital items, aside from program details, are time, date, and frequency of reception. Also the quality of reception. For large broadcasters, use the SINPO code. For small, regionals spell out the quality of reception. If a station is using several frequencies, compare each one. Tell what station is causing QRM, and if possible, suggest a nearby frequency that is clear at their broadcast time. All this information is of help to the frequency planners, and you do want to be of help. Comments on their programs are also appreciated, as are suggestions for interesting new programs. Tell the station a little about your self. Other hobbies, age, occupation what made you start SWLing. The station also likes to learn about listeners, this helps them to structure programming of intrest. Remember, at all times, keep your reports friendly. Each letter should be a little peace offering, maybe some day they will pay off politically.

\*\*\*\*\*

I hope my brief introduction to QSL tips have been of intrest to the new members and old timers alike. We have had many new contributors in the past few months. Also for their benefit, I will re-introduce myself now. I am 21 years old, and an electronics technician. I also have my Extra Class amateur radio license, call N2EKL. I am very intrested in radio, and I monitor just about all bands from VLF to UHF. I've been a DXer since 1978, and have verified 98 countries, from the SPEEDX list. I like to QSL stations, but lately time has kept me from sending out reports. My other hobbies include photography, stamp collecting and electronics experimenting. Now you all know something about me, write and tell me about yourselves!



Well, I have seven pages this month, and I think that I have used up all of my material. A few more items, and then I will show some interesting QSL cards.

I have a report form available for radio station goodies, pennants and the like. If you are interested in using them, please send me a SASE and a dime to cover copy costs.

Thank you for your contributions to the information booklet on station goodies. I should be compiling it soon. Your help is much appreciated.

Do not forget to order your copy of the QSL Address book from Gilfer Shortwave. It is a very helpful publication. See last months column for more details.

Well, I guess that that about does it for this month. So Thank you for your support, good luck, gud DX and <sup>73</sup>

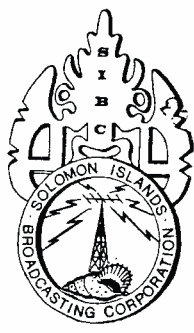
*Tom NZEKL*



*Emisora* TNX Mike Mahoney

*Armonias del Caquetá*

H.J.V.K.  
30 KW - 970 KHz  
Canal preferencial  
3 KW - 4915 KHz  
Onda corta



RADIO EXTERIOR DE ESPAÑA

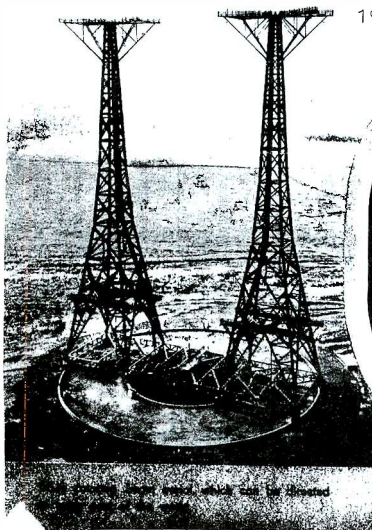


Deutsche Welle

B.P. 97 — DJIBOUTI  
Télex : 5863

Téléphone :  
35.22.94

REPUBLIQUE DE DJIBOUTI



1949 QSL frm Bob Palmer



PHI - Freq. 15.22 MHz - 1971 m. 9.59 MHz - 31.26 m.  
PHI - Freq. 21.48 MHz - 15.56 m - 17.77 MHz - 16.86 m.  
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PHI - Freq. 21.48 MHz - 15.56 m - 17.77 MHz - 16.86 m.

# UTILITY SCENE

**EDITOR:** MIKE CHABAK  
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Tucson, AZ 85712

**DEADLINE:**  
12th Day of  
the Month

**AM RTTY USB ISB**  
**LSB CW FAX A3H**

**COLUMN**  
COVERAGE  
0-30 MHz  
H.F.

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, and then down the right hand column.....

Hello Gang:

As most of you are probably aware, in mid April our utility community lost a good friend.....

Perry Ferrell, better known to many by his company - GILFER ASSOCIATES, was killed in an automobile accident.....

No one is indispensable, but if you use the Gilfer "Confidential Frequency List" or "Guide to RTTY Frequencies", then you know that Perry's influence, within this hobby, was both profound, as well as incalculable..... Perry will be sorely missed and not easily replaced.

Jean Ferrell (who is recovering from her injuries) is in the process of having Perry's latest book completed. 90% of the updated/revised and combined CFL/GRF was already finished, and with the assistance of several utes, Perry's reference book will reach the light of day. In its own way, it will be a fitting tribute, to this man and his unique commitment to the world of utility monitoring.....

SILENT KEY.....

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

AK...: 8628,5 C 0700 NOJ- CG Kodiak - tfc list (RM-IL)  
10048 U 0533 Anchorage Aero wkg Japan Air 6 (JCH-MD)  
11176 U 0501 AKA5- Elmendorf AFB wkg MAC 60206 (JCH-MD)  
BER...: 13710 C 0023 VPT- Hamilton MARCO - V/QSX mkr (JB-PA)  
CAN...: 2182 U 0358 VCS- Halifax CCR, wkg CANGC 141 (JFH-WA)  
2598 U 0412 VCN- Grindstone CCR, wx b/c (JFH-WA)  
4255 C 0450 CFH- CANMIL Halifax wkg unitd CAN warship (JFH-WA)  
8440 C 2355 VCS- Halifax CCR, V/QSX mkr (JB-PA)  
8698 U 0138 CFH- CANMIL Halifax - Ice report (JB-PA)  
10051 U 2325 Gander VOLMET (DB-AR)  
12125 C 2000 CKN- CANMIL Vancouver - V mkr (DB-AR)  
MEX...: 8563 C var, XFE- Ensenada MARCO- CQ mkr (JEB-TX)  
16929 C var, XFE- Ensenada MARCO- CQ mkr (RM-IL) (LVH-TX)  
USA...: 2348,5 U 0330 WU7709 USACE- wkg unit 3100 - incomplete call sign  
øTH not able to establish (ECS-WA)  
3380 C 0530 WGY908- FEMA Denver CO - coded msg (RM-IL)

**KMSN 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..

## \*\*\*\* RADIOLETYPE \*\*\*\*

0055,3 0735 75/-----  
2696,8 1630 TOR DCF55- Frankfurt FRG - GG/NX (JK-FRG)  
3222,5 1948 SITOR GLD- Lards End MARCO ENG - ??? (RM-FRAN)  
3253,0 0348 50/425r F1775- Paris Polloe FRG - msgs (JK-FRG)  
3260,0 0334 50/850n LZF5- Sofia Metro BUL - WX (RM-IL)  
3607,5 1730 TOR RPNP- Monsanto NAVRAD FORT - RY/POXs (RM-IL)  
4001,8 1959 YRR4- Bucharest Metro ROMA - RYS (FJG-SOAF)  
4352,0 0530 FECTOR WLO- Mobile MARCO USA - tfc list/WX (RMA-IA)  
4583,0 50/425r DKK2- Hamburg Metro FRG - CQ/QSX mkr (RMA-FRAN)  
4837,7 1920 TOR DHA33- INTERPOL Wesbaden FRG- to Paris (RMA-FR)  
4837,7 1715 TOR PDB2- INTERPOL Utrecht HOLL- msgs (RMA-FRAN)  
4891,3 1045 TOR Auxerre Police FRAN - ??? (RMA-FRAN)  
5082,7 1700 50/170r RIFAG Palexmo ITLY - msgB (RMA-FRAN)  
5210,3 1900 TOR Rouven Police FRAN - ??? (RMA-FRAN)  
5266,0 2158 50/425n YAV- Kabul Air AFGN - c1g EPD Tehran (AM-UK)  
5300a 0530 75/850r EBA- Madrid NAVRAD SPAN - c1g IDR (RMA-IA)  
5911,5 1027 ----- EHL- Civil Guard Leon SPAN - msg (JK-FRG)  
6268a 0301 50/170n EWZF- ME2418 - RYS to Mukmansk (RMA-IA)  
6737,7 2100 50/425r ETD3- Agdis Ababa Air ETHO - RYS (RMA-FRAN)  
6984,0 0040 50/425r GIC26B- AP London ENG - EB/NX (JCH-MD)  
7441a 0416 75/425n 33AME- Madrid NAVRAD SPAN- c1g 342SN (RMA-IA)  
7519,8 1545 50/425n BZP57- XINHUA Beijing PRC - RYS (FJG-SOAF)  
7803,3 1658 50/425n SYK- Khartoum Air SUDN - RYS (FJG-SOAF)  
7912,8 0440 50/425r FLLS- unknown - RY/FOXs (FJG-SOAF)  
8110,0 1715 50/850n IFR22- Finance Guard Rome ITLY - ??? (RMA-FRAN)  
8170,0 2343 50/425n BAC25- PTP Beijing PRC - ORA mkr (AM-UK)  
8176,8 1755 50/425n BAC38- PTP Beijing PRC - ORA/RYS (FJG-SOAF)  
8298,0 0120 50/170n UPU1- PROFESSOR VIZE - tfc to Leningrad (JEB-CA)  
8301,6 1720 SITOR Egyptian EMB Bucharest ROMA- tfc to Cairo (JK-FRG)  
8458,0 0610 75/850r 33AME- Madrid NAVRAD SPAN- tfc to RETO (RM-IL)  
8708,6 1600 FFC St Lys MARCO FRAN - tfc list (RMA-FRAN)  
8714,0 1715 FFC ZSD- Durban MARCO SOAF - WX (RMA-FRAN)  
8715,0 2300 ARQ WCC- Chatham MARCO USA - AP NX (RM-IL)  
9041,0 1730 50/425n 5YE- Nairobi Metro KEN - RYS (FJG-SOAF)  
9043,0 1208 FFC SOJ204B- PAP Warsaw POL - POL/NX (JK-FRG)

USA.: 4275 C 0308 KRS- San Francisco MARCO - CQ mkr (RG-KS) (RG)

4331.1 C 0311 KCS- Chatham MARCO - V/DXK mkr (RG-KS)

4342.5 C 0315 WCL- Amagansett MARCO - CQ mkr (RG-KS)

5692 U var. NMK- CG Cape May NJ wkg CGC Cape Starr (FJB-NJ)

5696 U 0701 NNN- CG Portsmouth wkg CG 1433 & 1501 (RM-IL)

5698 U var. NNN- CG Portsmouth wkg CG 1504/CGC Point Huron (FUB)

6327 C 0416 WNU32- Slidell MARCO - CQ mkr (FJB-NJ)

6410.5 C 0336 KLB- Seattle MARCO - CQ mkr (RG-KS)

6521.9 U 1332 KCZ- QTH unkn wkg Terminal Warrior (RM-IL)

6521.9 U 1305 KLS- Houston wkg Campeche Seal/Coral Seal (NAP-AL)

6521.9 U 1330 MCV- Natchez MS wkg Belle Andrews (NAP-AL)

6521.9 U 1445 WHM- St. Louis wkg Jean Goddard (NAP-AL)

6521.9 U 1350 KRZ- St. Louis wkg Eagle (NAP-AL)

6521.9 U 1410 WSC- Corpus Christi wkg Western Sound (NAP-AL)

6521.9 U 1450 WIX- Lakin WV wkg James D. Wright (NAP-AL)

6679 U 0405 San Francisco VOLMET (DO-CA)

6870 L 0605 KDM56- FAA Hampton GA wkg DAL46 (RM-IL)

7505 C 0537 NAM- USN Norfolk VA - WX b/c (RM-IL)

8294.2 U 0225 WFA7896 (unid) wkg RAM 2,3,7 (WUS-QNT)

8444 C 0250 MRS- San Francisco MARCO - V mkr (JB-PA)

8712 C 0109 WMO- Mobile MARCO - DE mkr (LVH-TX)

8713 C 0107 WCC- Chatham MARCO - DE mkr (LVH-TX)

8716 C 0315 WLO- Mobile MARCO - CQ mkr (LM-PA)

8765.4 U 0645 NNG- CG New Orleans wkg WYS4261 Gerónimo (RM-IL)

8765.4 U 0615 NNA- CG Miami wkg WTER NOAA Researcher (RM-IL)

8765.4 U 1739 NNN- CG Portsmouth wkg KCSE Walter Rice (BCS-WA)

10051 U 0607 New York VOLMET (DO-CA)

10493 U 1602 WGY903- FEMA Olney MD - roll call r/c (RM-IL)

12135 C 1640 NAM- USN Norfolk VA - Hydrolant summary (RM-IL)

12953 C 1926 WMH- Baltimore MARCO - V mkr (RG-KS)

13038 C 1930 KLC- Galveston MARCO - CQ mkr (RG-KS)

13103.9 U 0102 WMI- San Francisco MARCO - tfc list (RM-IL)

13131.8 U 0100 WOO- Ocean Gate MARCO - tfc list (RM-IL)

13135 U 0050 WLO- Mobile MARCO - tfc with ??? (WUS-QNT)

13630 U 2006 KDM50- FAA Hampton GA wkg Rockwell Flight Test (RM)

15015 U 0100 AFA3- Andrews AFB wkg SAM 24126 (JCH-MD)

17026 C 1648 KFS- San Francisco MARCO - CQ mkr (JAK-WV)

17409 U 2322 WWD- La Jolla/Scraps CA wkg (NORA) WTKR (DB-AR)

18607.5 S 1955 VOA Greenville feeder (PAC-UK)

\*\*\* CENTRAL AMERICA \*\*\*

BEUZ: 11204 U 1912 (RAF) Belize Flight Watch wkg Ascot 2808 (JCH-MD)

COST: 8478 C 0210 TIM- Limon MARCO - DE/DXK mkr (RJC-WA)

13100 C var. TTM- Limon MARCO - CQ mkr (RDG-AUST) (DB-AR)

9069.9 0728 50/425R 6VU- Dakar Air SENE - RYS (FUG-SOAF)

9070.0 0553 50/425R GFA- London NAVRAD ENG - WX b/c (RMA-IA)

9349.0 2330 50/425R GIC29B- AP London ENG - EE/NX (JCH-MD)

9395.2 1230 45/425R HKK21- KCNA Pyongyang NOKO- KO/NX (FBH-FL)

9420.0 1315 50/425R XVB59- PTP Hanoi - VIET - RYS (FBH-FL)

9828.3 1128 50/500R HMB24- Phnom Penh KAMP - RYS (FBH-FL)

9950.7 1155 50/1000R GPX5- unknown - possible NX b/c (FBH-FL)

10114.0 2335 50/425R CLN281- PTP Havana CUBA- RY/FOMs (JEB-FL)

10162.4 1745 50/225R YIL79- INA Baghdad IRAQ- AA/NX (RMA-FRAN)

10215.1 0015 75/375R HZN49- Jeddah Metro SAUD - WX (FBH-FL)

10295.0 1743 ARQ ONA29- INTERPOL Brussels BEBG- FF msg on wanted assassin (RM-IL)

10295.0 1716 ARQ CSJ25- INTERPOL Lisbon PORT- FF msg on cannabis smugglers (RM-IL)

10295.2 1515 FEC MEV81- INTERPOL Rome ITALY- to Ottawa (RMA-PR)

10300.0 1730 50/475R AZAP Kinshasa ZIRE - FF/NX (RMA-FRAN)

10407.3 1910 50/425R 6VU- Dakar Metro SENE - RYS (FUG-SOAF)

10460.0 0250 75/425R AUI219- UN Geneva SWIS- RYS/coded t/c (RMA-IA)

10479.7 1205 50/425R ECX22- PTP Shanghai PRC - clg OLD (FBH-FL)

10531.5 0130 MLCRST AJE- Wolvley/Croughton ENG - breakdown was: 10532.2 - 50/085n - AF/NX 10532.8 - 75/085n - WX 10534.0 - 45/085n - UFI/NX 10538.0 - LSB voice unkn (DLW-CM)

10570.5 1225 50/170R RUTK- Tashkent Metro USSR - WX (FBH-FL)

10592.2 1114 50/425R ATL61- PTP Calcutta INDI - RYS (FBH-FL)

10595.1 1230 75/425R RKD48- APN Moscow USSR - EE/NX (FBH-FL)

10600.1 1300 50/425R BAC27- PTP Beijing PRC - RYS to OLD (FBH-FL)

10677.5 1115 45/300R VTR28- Port Blair NAVRAD INDI- RYS to VTP (FBH)

10710.0 0013 50/850R NAU- USN San Juan PR - wkg ZRH (RMA-IA)

10730.5 0950 50/850N 7RQ29- MFA Algiers ALGE - to Tunis (AM-UK)

10730.7 1210 50/425R ZEN49- AFP Hong Kong - EE/NX (FBH-FL)

10818.3 2150 50/850N YKQ29- Damascus Metro SYRA- WX (FBH-FL)

10819.8 1432 50/475R BAL21- PTP Beijing PRC - RYS (FJG-SOAF)

10958.7 var. 50/425R GPE30B- Reuters London- RYS (FUG-SOAF) (RMA-PR)

10982.4 1056 50/900R BAP49- XINHUA Beijing PRC - RYS (FBH-FL)

11430.0 2130 50/425R HMN31- KCNA Pyongyang NOKO - FF/NX (RM-IL)

11434.4 1125 50/325R VNV139- AAP Sydney AUST- EE/NX to ANTA (FBH-FL)

11531.5 2305 75/425R MFA Sofia BUL - scrambled msg to Havana (AM-UK)

11538.6 1500 TOR IUV81- INTERPOL Rome ITALY- msgs (RMA-FRAN)

11638.0 0642 50/425R DDF8- Frankfurt Metro FRO- 5#M (JEB-CA)

12186.0 1905 50/425R JANA Tripoli LYBA - EE/NX (DRH-PA)

12494.0 0005 50/170N USOT- PEODOSIYA - t/c to UPB (JEB-CA)

12499.0 0620 50/170N UJMW- RIZHSKOE VZMORE- t/c to Kholmek (JEB-CA)

PANA: 6468.0 C ---- HPN60-Canal MARCO - CQ mkr (RG-KS)  
 11176 U 0500 AHP3- Albrook AB wkg Airevac 205 (JCH-MD)  
 13977 U 2205 AGH90- USAF WARS Howard AB- tfc (LVH-TX)  
 HPN60- Canal MARCO - CQ mkr (GLT-NM)  
 22412 C 2140 HPN60 - Canal MARCO - CQ/2SX mkr (NSH-NC)

\*\*\*\* CARIBBEAN \*\*\*\*

CUBA: 6337.0 C 0331 CIA - Havana MARCO - CQ mkr (RG-KS)  
 7660 C 0150 CLN78- PTP Havana - QZ to UJY2 (RM-II)  
 11906 C 2115 CLP- MINREX Havana- tfc EMBACUBA Guyana (RM-II)  
 C 1223 CLQ- Havana MARCO - CQ mkr (JB-PA)  
 21880a C 1420 CLPI- MINREX Havana- callup to CLP7 (PAC-UK)  
 MART: 8478 C 0215 FUF- FF NAVRAD Ft.de France - V mkr (RJC-MA)  
 10204 C 2004 FUF- FF NAVRAD Ft.de France - V mkr (BC-MD)  
 NETA: 4334.5 C 0314 PJC- Curacao MARCO - CQ mkr (RG-KS)  
 8694 C 0020 PJC- Curacao MARCO - CQ mkr (RJC-MA)  
 13042.5 C 0110 PJC- Curacao MARCO - CQ mkr (RDG-AUST)  
 P.R.: 8471 C 0150 NMR- CG San Juan - V mkr (GLT-NM)  
 12700 C 2315 NMR- CG San Juan - MC mkr (JB-PA)  
 17357 U 2156 WNO- Calpak Comms, Mayaguez - test counts (DB-AR)

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

ARGN: 12988 C 2320 LPD88- General Pacheco MARCO - V mkr (DB-AR)  
 22419 C 1506 LPD91- General Pacheco MARCO - V mkr (PAC-UK)  
 BRZL: 8855 U 0446 Belen Aero wkg Cargo 51 Heavy (JCH-MD)  
 16918 C 2325 PFJ- Juncao MARCO - V mkr (DB-AR)  
 17161.9 C 0105 PPO- Olinda MARCO - V mkr (GLT-NM)  
 17170.5 C 0040 PPI- Belen MARCO - V mkr (GLT-NM)  
 13087.2 C 1133 HKB- Barranquilla MARCO - CQ mkr (RDG-AUST)  
 SURI: 8855 U 0537 Paramaribo Aero wkg Varig 717 (JCH-MD)  
 URGY: 16871.3 C 0050 CMA- Cerreto MARCO - CQ mkr (GLT-NM)  
 VENE: 6100 A 0436 VVTO- SFTS Caracas (JFH-MA)  
 8924 U 0015 Caracas LDOC wkg Flight 2584 (CC-DE)

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

BUL.: 8532 C 0419 LZM- Varna MARCO - DE mkr (GLB-FL)  
 12940 C 0515 LZW5- Varna MARCO - DE mkr (RDG-AUST)  
 CYPR: 13971 U 2049 VKN9- CPARS Nicosia wkg VAV9 (CC-DE)  
 DEN.: 8148 C var. OVG- Frederikshaven NAVRAD- V mkr (RM-II) (JEB-CA)  
 12329 C 1918 OVG- Frederikshaven NAVRAD- V mkr (RG-KS)  
 25262 C 1920 OX2- Lyngby MARCO - CQ mkr (LVH-TX)  
 ENG.: 4310 C 0208 MTI- Royal Navy Plymouth - V mkr (FWB-NJ)  
 5000 A 0310 MSP- SFTS Teddington (ECS-MA)  
 8545.9 C 0732 GKA- Portlisshead MARCO - Navarea b/c (RM-II)  
 12789 C 0019 GKD- Portlisshead MARCO - DE mkr (JB-PA)  
 12835.9 C var. GK56- Portlisshead MARCO - DE mkr (RG-KS) (DB-AR)

LYEN- RTMS 7571 - RYs (JEB-CA)  
 50/170n 12500.5 0200  
 50/170n 12501.0 0020 USNA- ZHEMCHUG - tfc to ??? (JEB-CA)  
 50/170n 12501.0 0040 UYDS- LUTSK - tfc to Simferopol (JEB-CA)  
 50/170n 12505.5 0605 UTPC- E. NIKISHIN - RYs (JEB-CA)  
 75/170n 12507.0 0145 USWD- Leningradskaya - to Leningrad (JEB-CA)  
 50/170n 12515.0 0155 UNWJ- SEDA(RTMS 7245) - tfc to URB2 (JEB-CA)  
 50/170n 12515.5 0130 UMWV- BAIKOVSK - tfc to Petropavlovsk (JEB-CA)  
 50/170n 12515.5 0315 UWNW- KIKINEIZ - tfc to Odessa (JEB-CA)  
 50/170n 12515.5 2345 UNPE- NEFTEGORSK - tfc to Mumtansk (JEB-CA)  
 50/170n 12520.0 0145 UIMH- TAMBOV - tfc to URB2 (JEB-CA)  
 50/170n 12520.0 0130 UGRP- NORDVIK - tfc to UFB (JEB-CA)  
 50/170n 12522.5 0255 EWCT- AB 0121 - RYs to URB2 (JEB-CA)  
 50/170n 12525.0 0230 UNAJ- SHADUROVO - tfc to UQK (JEB-CA)  
 TOR Athens MARCO GREE wkg SU9F CEPHEUS(RMA-FRAN)  
 Klapeda MARCO USSR - RYs (RMA-FRAN)  
 ARO/170 WC- Chatam MARCO USA - wkg ELB3 (RMA-IA)  
 13200.3 0000 CAI7E- Pascua Air EAST -r/c Santiago (AM-UK)  
 50/850r AXV278- Banco de la Nacion Buenos Aires ARGN  
 msgs to San Pedro (AM-UK)

50/500n 13463.5 1526 VNA7- VNA Hanoi VIET - EE/NX (RM-IL)  
 75/170n 13510.0 1443 CFH- CANMIL Halifax CAN - WX (DRH-PA)  
 50/850r 13563.0 1420 3MA22- CNA Taipei TIWN- EE/NX (RM-IL)  
 50/425r 13729.5 1710 FPN72/H3- AFF Paris FRAN- EE/NX (FJG-SOAF)  
 50/850r 13751.9 2245 RELIG- FF MIL Cayenne FFGU- to MART (AM-UK)  
 50/425r 13761.9 0552 HJZ- Jeddah Air SAUD - YRS (FJG-SOAF)  
 13765.0 0640 JAX785- PTP Tokyo JPN - RYs (JEB-CA)  
 50/750r 13795.0 0008 ZVK- Rio de Janeiro Air BRZL- RYs (JEB-CA)  
 50/1000r 13803.0 1303 RCR78- Khabarovsk Metro USSR- WX (RM-IL)  
 50/425r 13894.8 0350 Y2V47- ADN Berlin GDR - EE/NX (FJG-SOAF)  
 50/425r 13974.0 2058 ISX19- ANSA Rome ITALY - RYs (FJG-SOAF)  
 14462.3 0715 Y7G41- GDR EMB Ulan Bator MONG- to Berlin(AM-UK)  
 50/850n 14600.0 2234 CAK- Santiago Air CHIL - WX to Pasqua (AM-UK)  
 50/425n 14618.9 0542 YBU59- MFA Berlin GDR - QRA/RYS (FJG-SOAF)  
 50/425r 14639.5 0945 KFL- KPL Valentiane LAOS - EE/NX (AM-UK)  
 75/425r 14647.6 1555 KNY23- CZEK EMB Wash DC - tfc to Prague(AM-UK)  
 14784.8 1450 ATP65- INFOIND New Delhi INDI- RYs (FJG-SOAF)  
 14828.6 1918 MSS- British Army Belize - RYs (JK-FRG)  
 50/850r 14845.3 0900 MRX- RAAF Butterworth MLAY- FOXs (AM-UK)  
 50/4750r 15690.0 2100 MKD- RAF Akrotiri CYPR - FOXs (PAC-UK)  
 50/425r 15830.0 0702 RUZU- Molodetzhnaya Base ANTA- testing (AM-UK)  
 50/425n 15929.7 1555 RBI78- TASS Moscow USSR - RYs (FJG-SOAF)  
 75/425n 15950.0 0304 CLPI- MINREX Havana CUBA- msg to CLP2 (DRR-TX)  
 50/425n 15963.1 2047 YBU- unidentified sta - coded msgs (RM-IL)

ENG.: 13245 U 2246 MOP- RAF Upavon with coded Wx (CG-DB)  
 FRAN.: 5308.5 S 0651 FAC20- FF Army Metz- tfc to FAC23 (JK-FRG)  
 5868 C 0458 FDX- STAF Orleans - v mkr (FWB-NJ)  
 8522.5 C var. FFL4- St. Lys MARCO - CQ mkr (GUT-NN) (FWB-NJ) (JCH)  
 GER.: 13375 U 1357 DW Berlin - EE/OM/VM (JDM-MN)  
 FRG.: 5691 U 2325 DW91- LGAF OTH unkn wkg Tango Alfa Charlie 96 (JCH)  
 8511.9 C 0120 DAL- Norddeich MARCO - v mkr (GUT-NN)  
 11039 U 2133 DRH37- Flinbeurg Metro - GG/WX (RM-IL)  
 11187 U 2030 DM91- GGAF ?? wkg Tango Alfa Charlie 187 (JCH-MD)  
 17279.4 U 1745 DAJ- Norddeich MARCO - tfc list EE/GG (JCH-MD)  
 GIBR.: 8625 C 0159 GYU- Royal Navy Gibraltar wkg GWGW (FWB-NJ)  
 12825 C 0043 GYU- Royal Navy Gibraltar - DE mkr (GLB-FL)  
 GRE.: 8537 C 0230 SVF- Athens MARCO - DE mkr (RJC-MA)  
 16981 C 0151 SVG- Athens MARCO - DE mkr (JAK-WV)  
 17194 C 2010 SVB- Athens MARCO - DE mkr (DB-AR)  
 ICE.: 13069.3 C 0750 TFAL3- Reykjavik MARCO - CQ into tfc (RDG-REST)  
 ITALY: 17302.1 C 0407 IDR3- Rome NAVRAD - v mkr (RM-IL)  
 17182 C 1435 ICB- Genoa MARCO - v mkr (LWH-TX)  
 MONA.: 22550 C 1516 3AC- Monaco MARCO - CQ mkr (GLB-FL)  
 NOR.: 12962 C var. LGW- Rogaland MARCO - CQ/MC mkr (FWB-NJ) (GLB-FL)  
 6928 C 1656 LGW- Rogaland MARCO - freq list (JAK-WV)  
 POL.: 13616 C 1800 SON26L- PAP Warsaw - Polish NX to ships (AM-IL)  
 PORT.: 3781 C 0315 CTP- Oeiras NAVRAD - OSX mkr (FWB-NJ)  
 8469 C 0148 CUL7/8- Lisbon MARCO - CQ mkr (FWB-NJ)  
 8490 C var. CUL7/8- Lisbon MARCO - CQ/OSX mkr (RJC-MA) (FWB-NJ)  
 8551.5 C 0633 CTP- Oeiras NAVRAD - NAWs mkr (RM-IL)  
 4225 C 0320 33AME- Madrid NAVRAD - callup to 370MA (FWB-NJ)  
 6340 C 0335 33AME- Madrid NAVRAD - callup to 370MA (FWB-NJ)  
 8442 C 0025 33AME- Madrid NAVRAD - callup to 370MA (FWB-NJ)  
 8693 C 0130 SAG- Goteborg MARCO - tfc list (GLB-FL)  
 13576 U 0534 Stockholm LDOC wkg Lufthansa 259 (JCH-MD)  
 17079.4 C 2005 SAG- Goteborg MARCO - CQ mkr (LVH-TX)  
 SWIS: 13205 U 2027 Berne LDOC wkg Swiss Air 292 (JCH-MD)  
 TURK.: 8611.5 C 0240 TAH- Istanbul MARCO - CQ mkr (LVH-TX)  
 11176 U 0442 AJG9- Incirlik AB wkg MAC 50221 (JCH-MD)  
 11384 U 0557 Istanbul VOLMET (JCH-MD)  
 16849 C 2047 TAH- Istanbul MARCO - ID mkr (DB-AR)  
 USSR: 8687.6 C 0135 URB- Leningrad MARCO - DE mkr (LVH-TX)  
 10090 U 0915 Khabarovsk VOLMET - EE/YL (BFS-CA)  
 12697 C 0710 UBN- Jdanov MARCO - CQ mkr (PAC-UK)  
 12703 C 0712 UNM2- Klaipeda MARCO - CQ mkr (JCH-MD)  
 13070 C 0450 UDH- Riga MARCO - CQ mkr (JCH-MD)  
 17134 C 1600 UNM2- Klaipeda MARCO - CQ mkr into tfc (LVH-TX)  
 17228 C 1536 UAT- Moscow MARCO - DE mkr (LVH-TX)  
 22405 C 0100 UKA- Vladivostok MARCO - CQ mkr (GLB-FL)

16020.0 0740 75/425r TASS Moscow USSR - AA/NX (RMA-FRAN)  
 16060.0 0730 75/425r TASS Moscow USSR - RR/NX (RMA-FRAN)  
 16135.0 0930 75/425r TASS Moscow USSR - EE/NX (RMA-FRAN)  
 16145.0 0930 75/425r TASS Moscow USSR - FE/NX (RMA-FRAN)  
 16270.8 0710 75/850h OWZ- MFA Prague CZEK - to Ulan Bator (AM-UK)  
 16425.0 0205 50/425n CLP23- EMBACUBA Lagos NIGR- relay tfc (DRR-TX)  
 16458.0 2206 50/425r YBU- unid sta sending coded tfc (RM-IL)  
 16662.1 1640 TOR EOTW- unid Soviet ship - RYS (JAK-WV)  
 16668.1 1640 TOR FNEG- Med Centre Toulouse FRAN-?? (RMA-FRAN)  
 16668.0 1535 TOR HEB- Berne Marco SWIS wkg HOU (RMA-FRAN)  
 16672.3 0840 Kallinograd MARCO USSR - ??? (RMA-FRAN)  
 16680.7 1205 TOR Schveiningen MARCO HOLL- wkg PGDK (RMA-FRAN)  
 16688.0 0145 50/170h UPTT- SEVERODNETSK- to Vladivostok (JEB-CA)  
 16694.5 1723 50/170r UTNI- FRITZ HEKKERT - c1g UJY (JAK-WV)  
 16698.8 0845 50/170r Leningrad MARCO USSR - ?? (RMA-FRAN)  
 16703.0 0028 50/170h EUBO- GRIGORII KOVTUN - tfc to URL (JEB-CA)  
 16706a 2212 50/170h UNNR- VELIKIE LOUKI - RYS to URD (RMA-IA)  
 17214.0 0850 50/425r BZP58- XINHUA Beijing PRC - RYS (RMA-FRAN)  
 17223.2 0915 TOR Rogaland MARCO NOR - wkg CENTRAMARES  
 VALENCIA (RMA-FRAN)  
 17225.6 1140 TOR Goteborg MARCO SWED - relay tfc (RMA-FRAN)  
 17453.0 2235 50/425h CLN565- PTP Havana CUBA - RY/POKS (JEB-CA)  
 17500.0 1915 50/850r RELJA- FF MIL Ft.de France MART- wkg RFFBDA  
 Comeigdem France (RMA-FRAN)  
 17520.8 1630 50/850h HSW61- Bangkok Metro THAI - WX (AM-UK)  
 17693.6 1759 50/425r CLN577- PTP Havana CUBA - RYS (JAK-WV)  
 18034.6 1535 50/425h JAP28- KYODO Tokyo JPN - ORA/RYS (JUG-SORF)  
 18253.7 0535 50/425h VNA32- VNA Hanoi VIET- FF/NX (JUG-SOAF)  
 18334.0 1810 50/425r GPE34B- Reuters London ENG- EE/NX (JEB-CA)  
 18387.2 1210 50/425h SOT265- PAP Warsaw POL - RYS (JUG-SOAF)  
 18421.0 2230 50/850h TELAM Buenos Aires ARGN - SS/NX (AM-UK)  
 18507.8 1515 50/425h MFA Jakarta INDO - msgs to Penang (AM-UK)  
 18500.0 1540 50/425h BFA Sofia BUL - EE/NX (FBR-FL)  
 18599.7 0655 50/425r RNN72- FL Moscow USSR - RY/POKS (JUG-SOAF)  
 18649.8 1710 50/425h SOT265/SOP250- PAP Warsaw POL- RYS (JUG-SOAF)  
 18650.0 0900 50/425r CLP1- MINREX Havana CUBA- c1g CLP23 (DRR-TX)  
 18669.0 1705 50/425r FTS67/HL- AFP Paris FRAN- RYS (JUG-SOAF)  
 18675.0 1339 50/425h ISX87- IINA Rome ITLY - EE/NX (RM-IL)  
 18765.0 1718 75/425h UNK81- Miami Metro USA - WX (PAC-UK)  
 18788.2 var. 50/425r SUNA Khartoum SUDDN-EE/NX (PAC-UK) (RMA-FRAN)  
 18807.0 0655 75/425r SAM71- SWED EMB Dar-es-Salaam TANZ- to SAM (AM)  
 18871.9 0704 50/425h BZR68- XINHUA Beijing PRC - EE/NX (JUG-SOAF)  
 18914.8 0650 50/425h FTS81- PTP Paris FRAN- tfc to Hanoi (JUG-SOAF)  
 18993.8 0925 50/425r ASE63- PAKI EMB Paris FRAN- to ASP (AM-UK)

\*\*\* AFRICA MIDDLE EAST \*\*\*

ALGE: 8438.0 C 0635 7TAG- Algiers MARCO - CQ mkr (GLB-FL)  
 8894 U 0052 Algiers Aero wkg Swiss Air 265 (JCH-MD)  
 ANGO: 8565 C 2336 D3E5L- Luanda MARCO - DE/MC mkr (RDG-AUST)  
 8692 C 0155 D3E5L- Luanda MARCO - CQ mkr (GLT-NM)  
 BRAN: 2231L.5 C 1457 A9M- Bahrain MARCO - DE mkr (PAC-UK)  
 CNRY: 8861 U 2353 Canarias Aero wkg Lima Tango 633 (CC-DE)  
 CAPE: 8468 C 0140 DA- Sao Vicente MARCO - CQ mkr (GLB-FL)  
 8861 U 0356 Sal Aero wkg Clipper 181 (JCH-MD)  
 CONG: 8903 U 0347 Brazzaville Aero wkg Sabena 161 (JWE-TN)  
 DJIB: 13043 C 0145 FUV- FE NAVRAD Djibouti - V mkr (MSH-NC)  
 EGPT: 11300 U 0111 Cairo Aero wkg Nairobi Aero (JDM-MN)  
 ETHO: 11300 U 0205 Cairo Aero wkg Allitalia 815 (JWE-TN)  
 11300 U 0418 Addis Ababa Aero wkg KLM 593 (JWE-TN)  
 ISRL: 4241 C 0158 4XZ- Haifa NAVRAD - V mkr (FWB-NJ)  
 21880 U 0119 Ben Gurion Aero wkg Roberts Aero (PAC-UK)  
 IVRY: 13060.5 C 1704 TUA5- Abidjan MARCO - CQ mkr (PAC-UK)  
 KEN: 11300 U 0347 Nairobi Aero wkg Khartoum Aero (JWE-TN)  
 LIBE: 23426 C 0025 KNN4- USEMB Monrovia - callup to KRZ62 (LVH-TX)  
 MADE: 8461 C var. CUB - Funchal MARCO - CQ mkr (FWE-NJ) (RJC-MA)  
 MURI: 8861 U 0103 Nouakchott Aero wkg ??? (CC-DE)  
 MAUR: 12989 C 0427 3M3/5- Bigara MARCO - CQ mkr (GLB-FL)  
 NICE: 8894 U 0616 Niamey Aero wkg Air Portugal 225 (JCH-MD)  
 8903 U 0346 Niamey Aero wkg Sabena 161 (JWE-TN)  
 NIGR: 8903 U 0227 Lagos Aero wkg Nigerian 805 (LVH-TX)  
 8903 U 0228 Kano Aero wkg Nigerian 805 (LVH-TX)  
 REUN: 13215.5 C 2305 FUX- FE NAVRAD - V mkr (DB-AR)  
 SAUD: 8927 U 0414 Jeddah LDOC wkg Saudi 087 (JCH-MD)  
 8927 U 0017 Jeddah LDOC wkg Saudi 142 (CC-DE)  
 11300 U 0345 Jeddah Aero wkg Khartoum Aero (JWE-TN)  
 2238.2 C 1020 HZG- Damman MARCO - DE mkr (RDG-AUST)  
 SENE: 13410.1 C 1934 6MW- Dakar NAVRAD - V mkr (RG-KS)  
 16951.5 C var. 6MW- Dakar NAVRAD - V mkr (GLT-NM) (GLB-FL)  
 SOAP: 4317 C 0210 ZSC- Capetown MARCO - CQ mkr (FWB-NJ)  
 8566 C 0130 ZSC- Cape NAVRAD Silvermine - CQ mkr (GLT-NM)  
 5658 U 0040 Khartoum Aero wkg KLM 526 (TCH-MD)  
 SUDN: 11300 U 0342 Khartoum Aero wkg Nairobi Aero (JWE-TN)  
 Y.DR: 11300 U 0148 Aden Aero wkg Addis Ababa Aero (JWE-TN)  
 PRC: 17103 C 0620 XS63- Shanghai MARCO - port arrival info(RDG-AUST)  
 HONG: 8942 U 1113 Hong Kong Aero wkg Korean 635 (JCH-MD)  
 INDI: 12745 A 1229 WVC- SPTS Calcutta (DRU-HI)  
 INDO: 8686 C 1215 PKF- Makassar MARCO - CQ mkr (GLT-NM)  
 JFAN: 7515 C 0815 JMB2- Tokyo Metro - 5#M b/c (JEB-CA)

\*\*\* ASIA/FAR EAST \*\*\*

19051.0 0700 8WD4- MFA Delhi INDI - RYs (AM-UK)  
 75/425r OBC- Callao NAVRAD PERU- msg (AM-UK)  
 19058.0 2038 50/425r OBC- Callao NAVRAD PERU- msg (AM-UK)  
 19060.0 0907 50/425r CLF1- MINREX Havana CUBA- t/c to CLP55 (DRR-TX)  
 19105.8 1435 50/425r INDO EMB Madrid SPAN - msg to Bonn (AM-UK)  
 19160.0 0905 50/850n CLP1- MINREX Havana CUBA- t/c to CLP12 (DRR-TX)  
 19170.0 1030 75/425r TASS Moscow USSR - EE/NX (RMA-FRAN)  
 19182.4 1020 50/425n KUNA Kuwait - EE/NX (RMA-FRAN)  
 19389.7 0650 50/425r Y7A76- Adw Berlin GDR - RYs (FUG-SOAF)  
 19442.8 0725 50/425n Y7A77- MFA Berlin GDR - wkg Hanoi (FUG-SOAF)  
 19480.7 0715 50/425n XVF2- Ptp Hanoi VIET- RYs to FTS91 (FUG-SOAF)  
 19505.0 1400 50/425n RDZ36- FL Moscow USSR - SS/NX (RM-IL)  
 19555.2 1925 75/425n ZFK- Asuncion NAVRAD PARA - c/g NBR (AM-UK)  
 19829.9 0855 50/425n RWM76- TASS Moscow USSR - FF/NX (FUG-SOAF)  
 19959.7 0830 50/???n 9HA- Luga Air MALTA - ??? (FUG-SOAF)  
 20105.0 1439 ----- HSF212NDH- Thai EMB Delhi wkg HSF212BNN(JK-FRG)  
 20157.0 1450 HSF212BKK- MPA Bangkok THAI- c/g Delhi (AM-UK)  
 20157.3 2025 50/425n 5KM- Bogota NAVRAD COLO - RYs (AM-UK)  
 20622.1 1905 75/425r 5KM- Bogota NAVRAD COLO- msgs (RM-IL)  
 20690.0 1145 50/425n CLP33- EMBACUBA Addis Ababa ETHO - relay(AM-UK)  
 20835.0 0655 50/425n RUZU- Moldezhinaya Base ANTA- ID into WX (AM-UK)  
 20851.3 1457 75/425n 6MZ- CZEC EMB Phom Penh KAMP- to Prague (AM-UK)  
 20875.0 1820 110/850n X08AF1- Cerro Tololo Observatory CHIL wkg  
 KFK92 AURA Tucson AZ (in ASCII) (JEB-CA)  
 20895.5 1125 75/425n EFT99- CZEC EMB Addis Ababa ETHO-to Prague(AM)  
 20940.0 0125 45/850r ABM4USA- USA MARS Yoncan ROK- msgs (JEB-CA)  
 22068.6 1912 50/850n CCS- Santiago NAVRAD CHIL- t/c to HU (RM-IL)  
 22217.5 0830 50/170n Murmans MARCO USSR - wkg ships (RMA-FRAN)  
 22761.0 0855 50/425r AP London ENG - RY/FOXs (FUG-SOAF)  
 22832.0 1455 50/425n 3BZ2FL- Dept of Ecology, Polish Academy of Sciences, Warsaw POL - POL/NX (AM-UK)  
 23125.0 1030 50/425n ATR73- INFOIND New Delhi INDI- EE/NX (AM-UK)  
 23690.2 1058 75/850r AUT- UNO Bangkok THAI - msg relay (AM-UK)  
 25380.0 1815 75/170r NRUO- CGC POLAR SEA wkg CG Portsmouth (FBH-FL)  
 341.0 C 1518 BQE- Wood Bridge VA - NDB (BC-MD)  
 350.0 A 0600 ME- Chicago O'Hare Airport IL - Aero WX (TL-IL)  
 360.0 C 1506 RW- Kirby outer mkr Andrews AFB MD - NDB (BC-MD)  
 396.0 C 1450 APH- Camp A.P. Hill Bolling Green VA- NDB (BC-MD)  
 404.0 C 1443 UGB- Baltimore MD - NDB (BC-MD)  
 412.0 C 0149 IUK- Klebnburg Vortax, Downsview Airport ONT (BC-MD)  
 413.0 C 0150 FJD- unid NDB (BC-MD)  
 414.0 C 0152 CTZ- Clinton NC - NDB (BC-MD)  
 1610.0 A 0610 IL Dept of transportation Motorist Info b/c (TL-IL)

\*\*\*\*\* OSLs \*\*\*\*\*

ASCN: ADF14- USAF Ascension IS - PFC -MS 15015 kHz (LVH-TX)  
 CAN.: CHU- SFTS Ottawa - Card 47d - 3330 kHz (PMD-PA)  
 VAI- Vancouver CGR - Ltr 41d IRC - 12876 kHz (LVH-TX)  
 ECUA: HCUS1- USMAG Quito - PFC/Card 18d MS - 13950 kHz (LVH-TX)  
 ESAL: YSHUKE- USMAG San Salvador - PFC 17d MS - 13950 kHz (LVH-TX)  
 HI... NMO- USCG Honolulu - PFC 07d MS - 4376 kHz (DRU-HI)  
 WVH- SFTS Kauai - Card 16d MS - 10000 kHz (BC-MD)  
 Honolulu Aero - PFC 12d MS - 8903 kHz (LVH-TX)  
 JPAN: JOS- Nagasaki MARCO - Ltr 12d IRC - 8437 kHz (LVH-TX)  
 NOR.: LGR- Lyngby MARCO - Card 11d IRC - 16920 kHz (LVH-TX)  
 P.R.: NMR- USCG San Juan - Ltr 44d XRP - 8471 kHz (LVH-TX)  
 REUN: FUX- FF NAVRAD - Card 70d 2 IRCs - 13215.5 kHz (AJD-NJ)  
 SENE: 6WV- Dakar NAVRAD - Ltr 35d IRC - 13410 kHz (LVH-TX)  
 6VU- Dakar Metro - Ltr 46d 10407 kHz (SB-CT)  
 USA.: WSL- Amagansett MARCO - Ltr 58d MS - 12997.5 kHz  
 NNN37- USCG Fort Macon NC - Ltr 23d MS - 2670 kHz (ECS-WA)  
 WVY- SFTS Fort Collins CO - Card 13d MS - 10000 kHz (BC-MD)  
 WSV7g- New York Aero - Card 08d MS - 10051 kHz (BC-MD)  
 ACE37- Scott APB IL - PFC 23d MS - 11182 kHz (LVH-TX)  
 WVY- SFTS Fort Collins CO - Card 38d 10000 kHz (PMD-PA)  
 MacDill AFB FL - PFC/Ltr 07d MS - 11246 kHz (LVH-TX)  
 NMC- USCG San Francisco CA - Card/Ltr 30d MS - 13113.2 (LVH-TX)  
 KFS- San Francisco MARCO CA - PFC/Ltr MS 8444.5 kHz (LVH-TX)  
 KPH- San Francisco MARCO CA - Ltr 10d MS - 22479 kHz (LVH-TX)  
 WOE- Lantana MARCO FL - Ltr 10d MS - 12970.5 kHz (AJD-NJ)  
 NMA- USCG Miami FL - Card 62d MS - 5696 kHz (no name)  
 McClellan AFB CA - PFC 08d MS - 8989 kHz (LVH-TX)  
 NMC- USCG New Orleans LA - Ltr 10d XRP - 3023 kHz (LVH-TX)  
 VENE: YVR5- SFTS Caracas - Card 15d IRC - 6100 kHz (LVH-TX)  
 YUGO: YUB5- Rijeka MARCO - Card 47d IRC - 12780.5 kHz (SB-CT)  
 Long Wave:  
 H8 - Alma Airport QUE CAN - PFC 31d MS - 253 kHz (HH-MD)  
 APH - Camp A.P. Hill VA - PFC 11d MS - 396 kHz (BC-MD)  
 FME - Fort Meade MD - PFC 29d MS - 353 kHz (BC-MD)  
 EAG - Eagle Grove Muni, IA - PFC 14d MS - 302 kHz (HH-MD)  
 RYG - John Bell Williams Airport, Raymond MS - PFC 12d - 375 kHz (HH)  
 OHY - Cordele Flying Service, GA - PFC 05d MS - 400 kHz (HH-MD)  
 YXK - Kirkland Lake Airport, ONT CAN - PFC 17d MS - 201 kHz (HH-MD)  
 Ships:  
 NNN/CYP- USS CONNELLY - PFC 157d MS - 14470 kHz (LVH-TX)  
 WGBB- EILEEN INGRAM - Ltr/Pic 16d MS - 500 kHz (HH-MD)  
 WLBV- MOBIL AERO - Ltr 26d MS - 500 kHz (HH-MD)  
 5LWC- SOUTHWEST CAPE - PFC 19d MS - 500 kHz (HH-MD)

JCU- Choshi MARCO - CQ mkr (GLB-FL)  
 C 1102 JOR- Nagasaki MARCO - CQ mkr (GLB-FL)  
 C 1101 JCS- Choshi MARCO - CQ mkr (GLB-FL)  
 C 1122 JCU- Choshi MARCO - CQ mkr (GLB-FL)  
 C 1118 Tokyo Aero wkg Clipper 5, China 984 (DRU-HI)  
 U var. 13300 JUD2- Tokyo Metro - wx b/c (JEB-CA)  
 C 0725 JOU- Nagasaki MARCO - CQ mkr (GLT-NM)  
 C 0055 JDB- Nagasaki MARCO - CQ mkr (GLT-NN)  
 C 0100 JDC- Choshi MARCO - CQ mkr (GLB-FL)  
 C 2332 JCU- Choshi MARCO - wkg ??? (GLB-FL)  
 C 2306 JNG- Maritime Safety Agency Ishigaki- coded t/c  
 C 1717 to DAR & IAM (RW-IL)  
 C 1620 9MG2- Penang MARCO - CQ/OSX/t/c list (JEB-CA)  
 C 12678 PHIL: DZJ- Manila (Bulacan) MARCO - CQ mkr (GLB-FL)  
 C 12907 17176 DGG- Manila (Las Pinas) MARCO - CQ mkr (GLB-FL)  
 C 2117 9VG- Singapore MARCO - CQ mkr (LVH-TX)  
 C 1250 9VC35- Singapore MARCO - CQ mkr (JEB-CA)  
 C 8530 1625 9VC- Singapore MARCO - CQ mkr (BFS-CA)  
 C 8715 0920 Singapore VOLMET (BFS-CA)  
 C 11387 THAI: 8942 Bangkok Aero wkg China 42 (CC-DE)  
 C 8958 TIWN: 16877.4 X3X- Keelung MARCO - CQ mkr (LVH-TX)  
 C 1335 XSW- Kaohsiung MARCO - CQ mkr (LVH-TX)  
 C 1757 \*\*\*\*\* PACIFIC OCEAN \*\*\*\*\*  
 U 0606 Sydney Aero wkg Quantas 44 (JCH-MD)  
 U 11235 AXF- RAAF Sydney wkg Torch 804 (JCH-MD)  
 U 11387 Sydney VOLMET (JDM-MN)(JCH-MD)  
 U 12907 C var. VHE2- Canberra NAVRAD - V/MC mkr (DB-AR)(GLB-FL)  
 C 1113 VHS- Sydney MARCO - V mkr (GLB-FL)  
 C 12953 C 1110 VIP04- Perth MARCO - V mkr (GLB-FL)  
 C 12994 U 0431 VIS- Sydney MARCO wkg m/v Transvaal (JCH-MD)  
 C 13107 Sydney Aero wkg Auckland Aero (JCH-MD)  
 U 13000 C var. FUM- FF NAVRAD papette- v mkr (GLT-NN)(GLB-FL)  
 C 8625 U 1144 Tahiti Aero wkg Tokyo Aero (CC-DE)  
 C 8942 U 1256 FUM- FF NAVRAD Papete - v mkr (GLT-NN)  
 C 17380 U 0447 Nandi Aero wkg Quantas 65 (JCH-MD)  
 FIJI: 8867 C 1626 NRV- CG Guam - CQ/OSX mkr (BFS-CA)  
 GUAM: 12743 C 0738 AIE2- Andersen AFB c/g Navy Alfa Xray 332 (DRU-HI)  
 C 13201 17146.4 C 1432 NRV- CG Guam - CQ mkr (GLB-FL)  
 HI... 5643 Honolulu Aero wkg Nandi Aero (JDM-MN)  
 U 0606 8867 Honolulu Aero wkg Continental 02 (JCH-MD)  
 U 8903 U 0625 Honolulu Aero wkg MAC 60180 (JWE-TN)  
 U var. Honolulu Aero wkg MAC 80307/00454 (DRU-HI)  
 13115a U 2345 MSC Honolulu wkg USNS American Titan (DRU-HI)  
 U 0549 AGA2- Hickam AFB wkg Flight 256 (JCH-MB)  
 13201

HI.: 13354.0 U 0004 Honolulu Aero wkg Quantas 23 (JCH-WD) ,  
 15081 U 0143 NMO- CG Honolulu wkg MOAA Discoverer (DRU-HI)  
 NCAL: 8646.1 C 1220 FUL- FF NAVRAD Noumea - V mkr (GLT-UK)  
 12697.6 C 1848 FUG- FF NAVRAD Noumea - V mkr (PAC-UK)  
 NZEL: 8867 U 0046 ZLO- Iri-rangi NAVRAD - DE mkr (GLB-FL)  
 8867 U 0446 Auckland Aero wkg Quantas 48 (JCH-WD)  
 13282 U 2050 Auckland Aerodromo wkg MAC 3808A (DRU-HI)  
 17170.4 C 0110 ZLB4- Avarua MARCO - DE mkr (GLT-NM)  
 PNG.: 13042 C 0900 F2M- Port Moresby MARCO - WX b/c (RDG-AUST)

\*\*\* ANTARCTICA \*\*\*  
 1.3974 U 0200 NNN(M)CE- USN MARS McMurdo - wkg ??? (WJS-ONT)

\*\*\* SHIPS \*\*\*  
 LECK- ROYAL VIKING SEA- p/p via WOM (LSD-NJ)  
 NFXM- USS MCINERNEY p/p via WOM (LSD-NJ)  
 4134.3 U 0100 NODS- CGC SALVIA wkg CG New Orleans (LSD-NJ)  
 5476 C 0150 RMNJ- unid Soviet warship wkg UAHY (FWB-NJ)  
 5680 U 0230 US NAVY SUBMARINE (name/call not given) wkg Patrick  
 AFB Rescue Ops during ditched helo SAR (LSD-NJ)

5696 U 0431 NPIN- CGC CHULULA wkg CG Boston (LSD-NJ)  
 5696 U 0438 NPZD- CGC CAPE CROSS wkg CG San Francisco (LSD-NJ)  
 5696 U 0120 NECA- CGC POINT HURON- p/p Norfolk ROC via NMN (LSD-NJ)  
 5696 U 2005 NRTF- CGC ACTIVE wkg CG 1504 (BCW-VA)  
 6203.1 U 1404 CGBK- CANADIAN CG JOHN A. MacDONALD wkg ??? (LSD-NJ)  
 6506.4 U 1426 NRCC- CGC EAGLE wkg CG Portsmouth (NAP-AL)  
 6506.4 U 1418 NRPK- CGC CLOVER wkg CG San Francisco (JDM-MN)  
 8272.5 U 0642 HO6833- RUBY BAY wkg Scheveningen MARCO (LSD-NJ)  
 8390 C 0038 H9VZ- EASTERN SPLENDOR wkg WCC (FWB-NJ)  
 8391 C 0342 B0XZ- SHITANGHAI wkg WLO (FWB-NJ)  
 12333.1 U 1700 KLHR- CHARLES LYKES p/p via KMI (BPS-CA)  
 12333.1 U 1703 SVTP- EWAR p/p via KMI (BPS-CA)  
 12336.2 U 1627 m/v TROPICAL p/p via KMI (BPS-CA)  
 12354.8 U 0229 NIEW- AMSTERDAM p/p via WOM (BPS-CA)  
 12429.2 U 1729 KAPC- SANTA MARIA clg WSNB- SANTA MARIANA (BPS-CA)  
 12542.3 C 1841 EAXB- CASTILLO D. S. MARCO clg WCC (JAK-WV)  
 12544 C 0029 SYMB- ATLAS wkg Berne MARCO (FWB-NJ)  
 12546 C 0224 J4YI- GHKAS wkg Limon MARCO (FWB-NJ)  
 13159 U 0855 NPIN- CGC CHILULA wkg CG New Orleans (RM-IL)  
 13188 C 0340 RMKS- unid SOVIET Warship wkg RMHB (FWB-NJ)  
 13188 C 0341 UAGV- unid SOVIET ship wkg RMHB (FWB-NJ)  
 13196.9 U 1650 NRUO- CGC FOLAR SEA p/p via CG San Francisco (BPS-CA)  
 16460 U 2124 GBFC- PACIFIC PRINCESS p/p via WOM (BCW-VA)  
 16491 U 2250 GBFC- PACIFIC PRINCESS p/p via WOM (BPS-CA)

PEWI- CHINA WINDS - PFC 63d IRC - 8360 kHz (HH-MD)  
 KEPA- DAVID D. IRWIN - PFC 38d MS - 8364.4 kHz (HH-MD)  
 ELAJ4- ATLANTIC - PFC/Pic - 82d IRC - 12360 kHz (HH-MD)  
 WJGH- PRESIDENT TAYLOR - Ltr 330d MS - 8370 kHz (HH-MD)  
 HPCU- MORILLO - PFC 51g IRC - 8370 kHz (HH-MD)  
 GTUN- POLLENGER - Ltr 62d XRP - 8360 kHz (HH-MD)  
 HPPG- FESTIVALE - PFC/Pic - 33d MS - 8360 kHz (HH-MD)  
 ANWB- KANCHEN JUNGA - PFC - "6years" IRC- 2228 kHz (HH-MD)  
 JKLT- TOYOTA WARU - PFC - 95d IRC - 8363.6 kHz (HH-MD)  
 JXXY- SYA BREZEZ - PFC - 68d IRC - 8238.4 kHz (HH-MD)  
 LURL- JARAMA - Ltr 37d IRC - 12540 kHz (HH-MD)  
 WRSY- THOMPSON PASS - PFC/Pic - 107d MS - 8370 kHz (HH-MD)  
 DRHB- BELOCAN - Ltr - 80g XRP - 16720 kHz (HH-MD)  
 ONNB- MINERAL LUXEMBOURG - Ltr 59d IRC - 8362.8 kHz (HH-MD)  
 ELSF- LIMON - Ltr 52d IRC - 16720 kHz (HH-MD)  
 AIRCRAFT: GULL 19- PFC/Ltr 120d MS - 11246 kHz (LVH-TX)

\*\*\* We had 54 contributors for this issue (plus 9SL holdovers)

(RMA-FRAN) Roger Aked (FBH-FL) Fred Hetherington  
 (BLA-PA) Brian Alexander (HH-MD) Hank Holbrook  
 (RMA-IA) Rod Alexander (BLJ-TX) Brian Jones  
 (ATA-VA) Al Arnold (JK-FRG) Joery Klengenfuss  
 (FWB-NJ) Fred Belghaus (JAK-FRG) Jeff Knapp  
 (NEB-MN) Nick Berkholtz (RAL-OH) Bob Leary  
 (JEB-CA) Jason Berri (TI-IL) Tom Lorenz  
 (GLB-FL) Gary Bledsoe (RM-IL) Bob Margolis  
 (DB-AR) Don Brewer (LM-PA) Larry McKinney  
 (FUB-NJ) Francis Brindley (AM-UK) Alex Moore  
 (JB-PA) Joe Buday (RFM-CA) Ralf Munster  
 (CC-DE) Cornelia Campbell (DO-CA) Don Ohlinger  
 (NYC-AZ) editing only (NAP-AL) Neal Perdue  
 (EC-MD) Bruce Chitauk (RLR-KS) Bob Rankin  
 (RJC-WA) Bob Coleman (DRR-TX) Denny Reeves  
 (PAC-UK) Peter Conway (BFS-CA) Bryan Sharpe  
 (LSD-NJ) Larry Danko (ECS-WA) Ed Sooner  
 (PME-TN) Peter Dillon (RDS-NJ) Rick Stein  
 (JWE-PA) Jim Evans (WJS-ONT) Wilf Stone  
 (RDG-AUST) Roger Gammon (GLT-NM) Glenn Thompson  
 (FJG-SOAF) Francois Jacot-Guillarmod (PAT-CA) Peggy Thompson  
 (JG-NC) J. Gunter (TT-MI) Tim Tyler  
 (MSH-NC) Mike Hardester (DRU-HI) Don Unruh  
 (JCH-MD) Jim Hartung (LVH-TX) Larry Van Horn  
 (DRH-PA) Don Hein (JDM-WN) John Williams  
 (JFH-WA) John Henault (DLW-CT) Dave Wilson



\*\*\*\* AIRCRAFT \*\*\*\*

- 5574.0 U 1205 MAC 50643 wkg San Francisco Aero (JDM-MN)
- 5598 U 0509 GERMAN AIR FORCE 5096 wkg Gander Aero (RM-IL)
- 5598 U 0216 IBERIA 922 wkg Santa Maria Aero (JDM-MN)
- 5598 U var. IBERIA 942/AIR FRANCE 248 wkg New York Aero (JDM-MN)
- 5616 U 0041 WORLD 103 wkg New York Aero (JDM-MN)
- 5616 U 0430 AFRIQUE 350 wkg New York Aero (CC-DE)
- 5628 U 1350 JAPAN AIR 433 wkg Tokyo Aero (BPS-CA)
- 5649 U 0157 LUFTANSA 401 wkg Gander Aero (JDM-MN)
- 5680 U 1910 AIR FORCE RESCUE 852 wkg AF RESCUE 859 (LSD-NJ)
- 5696 U 1959 CG 1501 wkg CG Portsmouth (BCW-VA)
- 5696 U 2000 CG 91 clg CG Portsmouth (FJB-NJ)
- 5699 U 0110 CG 1700 wkg CG 2112 (note freq) (LSD-NJ)
- 8825 U 0058 IBERIA 851 wkg Santa Maria Aero (JDM-MN)
- 8861 U 0352 CALEDONIAN 663 wkg Reclife Aero (RM-IL)
- 8867 U 0610 CLIPPER 812 wkg Auckland Aero (DRU-HI)
- 8903 U var. CONTINENTAL 94/KOREAN AIR 959 wkg Honolulu (JDM-MN)
- 8913 U 2239 CG 1504 clg Houston Oceanic (RM-IL)
- 8964 U 1355 MAC 60198 r/c with Hickam AFB (JDM-MN)
- 8984 U 1236 CG 1414 wkg CG San Francisco (JDM-MN)
- 8989 U 1241 MAC 50256 p/p McCord via McClellan AFB (JDM-MN)
- 9006 U 0107 CANMIL 409 wkg CANMIL Edmonton (JDM-MN)
- 11176 U 0028 MAC 19724 p/p Howard Metro via Albrook AB (JDM-MN)
- 11179 U 1727 AIREVAC 59411 p/p Andrews CP via Andrews AFB (CC-DE)
- 11182 U 1443 AIREVAC 126 wkg Scott AFB (JDM-MN)
- 11182 U 1447 MAC 50253 p/p 21st CP via Scott AFB (JDM-MN)
- 11201 U 1251 CG 2113 wkg CG Miami (JDM-MN)
- 11300 U 0108 LUFTANSA 541 wkg Cairo Aero (JDM-MN)
- 11342 U 11453 AMERICAN 585 wkg San Juan LDOC (JDM-MN)
- 11396 U 0808 KIWI 851 (RNZAF) clg Jakarta Aero (BPS-CA)
- 13201 U 2206 NORTHWEST 21 wkg Hickam AFB (DRU-HI)
- 13300 U 0647 CLIPPER 5 wkg Tokyo Aero (DRU-HI)

\*\*\*\* TACTICAL \*\*\*\*

- 3046.0 L 0406 BOAT DOCK wkg Andrews AFB (RAL-OH)
- 4495 U 0516 WAR46 wkg CLEAN CUT (RM-IL)
- 5026a U 0806 HICKAM ALFA wkg HICKAM CHARLIE (BPS-CA)
- 5516 U 0715 "65" wkg "67" (TT-MI)
- 5574 U 0525 NAVY HOTEL TANGO 337 wkg San Francisco Aero (RM-IL)
- 5680 U var. stations wkg each other - PATRICK RESCUE, PEAROD 77, USN SUBMARINE, CG 2112 (JCH-MD)(LSD-NJ)(CC-DE)
- 5680 U var. RESCUE OPS wkg CAPE RADIO RESCUE 5801/WHISKEY 215(CC-DE)
- 5700 U 0213 WINDPIPE p/p via MAYBERRY then into RITY (CC-DE)
- 6683 L 1814 EXECUTIVE ONE FOXTROT wkg ??? (TT-MI)
- 6683 L var. AIR FORCE ONE wkg Andrews AFB (CC-DE)(TT-MI)

\*\*\*\* Results of the age/occupation utility contributor survey.....  
 63 uses provided data for this survey. The bulk of the uses live in the USA. Other countries represented were: Australia, Canada, England, France, Japan & West Germany.....

The age span ranged from 16 to 77 years old. So we have every thing from the young to the old represented.  
 Of the 63, 52 reported their ages. The bracket breakdowns were:

- 16/19 - 03 35/39 - 03 56/59 - 03
- 20/25 - 05 40/45 - 07 60/65 - 02
- 26/29 - 04 46/49 - 04 66/69 - 02
- 30/35 - 13 50/55 - 02 70/77 - 02

Age group between 16 to 39 totaled 30, while between 40 to 77 it was 22. Although the under 40 group was in the majority, the overall median age was 46.3 years.

Professions/Occupations were:

- Associate Professor of Linguistics
- Cattle Rancher
- Clay Sculptor/Potter
- Civil Engineer
- Catholic Priest
- Canadian Postal Employee
- Corpsman- US Navy
- Cook
- Civil Service Personnel Specialist
- Computer Software
- Computer Graphics Operator
- Computer Programmer
- Chemist
- Chemical Technician/Industrial Photographer
- Dentist
- Detective Sergeant (Police)
- Deputy Sheriff/USCCR
- Electronics Engineer
- Electrical Engineer
- Electronics Technician (2)
- Electronics Retailer
- Electrical Apparatus Inspector/Tester

6683.0 L var. SAM 26000 wkg Andrews AFB (BLA-PA) (LSD-NJ) (CC-DÉ)  
6683 L var. SAM 96970 wkg Andrews AFB (CC-DE) (DRR-TX) (BLA-PA)  
6683 L 0540 SAM 24127 wkg Andrews AFB (BLA-PA)  
6683 U 0340 BRANDYWINE wkg Andrews AFB (CC-DE)  
6697 U 0616 PAPA 2 DELTA wkg GOLF 1 INDIA (BLA-PA)  
6715 L 2045 SAM 31682 wkg Andrews AFB (BLA-PA)  
6715 L 1328 SAM 27000 wkg Andrews AFB (RAL-OH)  
6715.5 L 1900 SAM 26000 wkg Andrews AFB (TT-MI)  
6730 L 0300 AIR FORCE TWO wkg Andrews AFB (LSD-NJ)  
6730 U 1134 SAM 30502 wkg Andrews AFB (BLA-PA)  
6731 U 0328 AIR FORCE TWO P/P via Andrews AFB (LSD-NJ)  
6732 U 0615 AIR FORCE TWO P/P via Andrews AFB (TL-IL)  
6738 L 0615 AIR FORCE TWO with p/p t/c (TT-MI)  
6740a L 2014 SAM2700/AIR FORCE ONE wkg Andrews (DRU-HI)  
6750 U 1515 TEAL 07 P/P Mather Monitor via MacDill (DRR-TX)  
6750 U 1445 GULL 07 P/P Lajes Metro via Lajes AB (DRR-TX)  
6756 U 1133 SAM 30502 wkg Andrews AFB (BLA-PA)  
6756 U 1359 SPAR 60 wkg Andrews AFB (RAL-OH)  
6910 U 0357 DELTA 51 c/g UNIFORM 51 (RM-IL)  
6937 U 0220 COTTON BALL c/g DIRT BAG (RM-IL)  
7675 U 1152 GULL 13 wkg VICTOR 1 CHARLIE (SSSUp) (RM-IL)  
8633.5 U 1518 OPEN DOOR wkg AZTEC CALENDAR (RAL-OH)  
8778 U 1314 VICTOR 7 GOLF wkg ECHO 0 DELTA (JEW-MN)  
8912 U 2208 SHOCK 44 wkg UNITY (RM-IL)  
8964 U 1335 ARMY 62178 P/P Kwajalein Base Ops via Hickam (JDM-MN)  
8972 U 1426 VICTOR 2 INDIA wkg 5 ZERO WHISKEY (JDM-MN)  
9018 U var. MARCONI MOBILE wkg Andrews AFB (RAL-OH)  
9023 U 1406 MIDWEEK wkg ADVISORY (JDM-MN)  
10493 U 1328 BANKRUPT wkg CAVAGORY (JDM-MN)  
10780 U 1347 TEAPOT 01 wkg Cape Radio (JDM-MN)  
10780 U var. AGAR 25/TRACK STAR wkg Cape Radio (RAL-OH)  
11176 U 0025 CANMIL 527 P/P Howard Metro via Albrook AB (JDM-MN)  
11176 U 2200 PANTHER wkg Detachment One (RLR-KS)  
11180 U 1180 SAM 26000 P/P via Andrews AFB (DRU-HI)  
11180.5 L 1956 AIR FORCE ONE wkg Andrews AFB (TT-MI)  
11182 U var. CENTURY 28/YAZOO 19/MUSIC 246 wkg Scott AFB (RM-IL)  
11205 U 1352 DISHPAN wkg FISHER dpx 9006 kHz (LSD-NJ)  
11209 U 1645 "WSMS" wkg "52A" (TT-MI)  
11210 U 0032 AIR FORCE ONE P/P CHOWN/AFOC via Andrews AFB (LSD-NJ)  
11215a U 1840 SAM 86970 P/P via Andrews AFB (DRU-HI)  
11215a U 1926 EEL DORADO r/c with SAM 27000 & Andrews (DRU-HI)  
11246 U 1456 BABE 96 P/P Format via MacDill AFB (JDM-MN)  
11249 L var. SAM 26000/SAM 31683 wkg Andrews AFB (BLA-PA)

Farmer/Real Estate Broker  
Forklift Operator  
Housewife  
Information Systems Analyst  
Insurance Broker  
Quality Control Inspector  
Photographer  
Priest/Clinical Psychologist  
Printing Press Operator  
Public Health Advisor for Centers of Disease Control  
Police Officers (2)  
Prison Inmate  
University Radio Program Producer  
Research Psychologist  
Radio Technician for Gas Company  
Retired (7)  
Sales Manager-- Technical Products  
Staff Journalist  
Security Guard  
Soldier German Army  
Student/Part Time Marine Radio Operator  
Student (5) High School or College  
Teacher - College  
Teacher - High School  
Trucker  
US Navy - Aviation  
Urban/Regional Planner  
US Postal Employee  
Vending Route Driver

Contrary to what non-utes believe, utility buffs are not weird. We are of all ages and our occupations cover the spectrum, which includes both white & blue collar. The same can be said of the SWEC buffs, so in the last analysis, the only real difference, is in the particular aspect of the SWL hobby one ascribes to.

My thanks to all of you who participated in this ute survey.....

As you can observe, RFTY monitoring has now become a major section of the column. The advent of stable receivers, inexpensive mini-readers & sophisticated demodulators, along with comprehensive reference type publications, has really opened the door to this fascinating aspect of ute DXing. Those of you who have been with this column for the past few years, can attest, that RFTY interest is not a fad. The RFTY section has gone from minor interest, into one that is now the largest of any single section. RFTY is the trend

for the 80s. If any of you are wondering how to expand your utility monitoring endeavors, RTRV is the arena to do so. Initial expenditures are still somewhat formidable, but once you have the equipment, a brand new world of utility monitoring will be at your fingertips.

As you can see, this issue of the Utility Scene has 12 pages, Art Getzel, the Tips & Topics editor resigned, and Speedx was left with 6 unfilled pages. We were given 3 of them for the June issue.

\*\*\*\* And now for an announcement that will take most of you by surprise..... I have submitted my resignation as your utility editor, effective after I complete the Oct 84 column. This was a very difficult decision for me to make, coming after almost two years of on and off discussions with Speedx, concerning the scope and direction of the utility column.

So as not to be bombarded by letters, I will relate the basic reason why. By the way, what I'll relate is not intended to promote controversy within the club. It is solely my viewpoint.

Most of you know why this column is rotated... to obtain 160 more lines, within the 9 page allotment. For roughly 6 months out of the year (December through May), submissions exceed allotted line spaces to the tune of 200 to 400 plus, each of those months. This is even with the compressed format and doubling up wherever possible.

It requires 19 sheets of paper to make up the current 9 page rotated column. This in itself is complex, but easily accommodated once a routine was established.

The problem is, that after column deadline, I must assemble ALL submissions, tally, then go back and eliminate, in order to meet the total lines available. For me, there are many factors involved in deciding what stays and what goes. This has progressively become an agonizing task. All of this requires time, and as such, I'm rushed to get the column typed, to meet my publishing deadline. What surprises me, is that I've made so few typos.

I cannot obtain any additional pages (on a regular or need to basis), and there are valid reasons why Speedx isn't able to do this. I made suggestions concerning fluid min/max page allotments, but as I've stated, there are genuine reasons why this cannot be enacted.

But the problem remains, in not having enough pages when there is the need of them, and during the slow summer months, having more

- 11249 I var. SAM 12492/SAM 31682 wkg Andrews AFB (RDS-NJ)
- 13201 U 1935 KING 93 p/p Metro via Hickam AFB (DRU-HI)
- 13201 U 2133 ICY 34 (tankers/F-4 Flight) wkg Hickam (DRU-HI)
- 13201 U 0742 IARK 13 p/p via Yokota AB (DRU-HI)
- 13204 U 1750 SWEAT 01 wkg SWEAT CONTROL (TT-MI)
- 13215 L var. SAM 27000/SAM 30502 wkg Andrews AFB (CC-DE)
- 13215 U 1830 SAM 24199 wkg Andrews AFB (RAL-OH)
- 13215 L 1808 SAM 86970 wkg Andrews AFB (TT-MI)
- 13215 L 1947 BRAVO 28 p/p CROWN CONTROL via Andrews (CC-DE)
- 13215 L var. SAM 30502/SAM 31682 wkg Andrews AFB (BLA-PA)
- 13245 U 0546 214 PAPA 2 (RAF) with coded msg (JCH-MD)
- 13247 U 2150 SAM 30500 p/p via Andrews AFB (RAL-OH)
- 13378a U 1640 CHARLIE 3 PAPA wkg JULIET 4 XRAY (BFS-CA)
- 13950 L 2133 FOXSTROT STERRA ONE p/p via FOX 4 (LVH-TX)
- 13977 U var. SAM 86970/VICTORY ALFA wkg CONVOY ALFA (LVH-TX)
- 15048 I var. SAM 86970/2600/AIR FORCE ONE wkg Andrews (BLA-PA)(LSD-NJ)
- 17972 U 2333 SPARROW wkg Elmendorf AFB (CC-DE)
- 17975 U 2122 REPOSSCESS c1g CHAIRMAN 12 (RM-IL)
- 18005 U 2100 RED BREAST wkg VALHALLA (RM-IL)
- 18027 L 2158 SPAR 60 wkg Andrews AFB (BLA-PA)
- 18027 U var. SAM 86970/86971/86972 wkg Andrews (BLA-PA)(RAL-OH)
- 18666 U 1510 FLINNF 104 wkg AVLAS (RAL-OH)
- 20631 U 1507 RARE BIRD wkg SATIRWAY/ELECTION/GENESIS/AUROCROT (CC-DE)
- 23337 U 1717 GRADUAL wkg STAIRWAY (CC-DE)

\*\*\*\* NUMBERS/BEACONS \*\*\*\*

- \*\* This time will arrange by freq,time, then date.....
- 3090.0 0100 27APR A-SY-5d "ATT 209-115 (3-3) (FWB-NJ)
  - 3177 0645 24APR C-XX-5L (RM-IL)
  - 3380 0510 29APR C-XX-5L (RM-IL)
  - 3445 0303 04APR A-SY-5d "ATT 509-30 (BLG-TX)
  - 4374 0300 03MAY C-XX-5L "IDG IW" (3-4) (FWB-NJ)
  - 4781 0318 25APR C-XX-5L (RM-IL)
  - 5135 0200 07APR C-XX-5L "WMA GT" (5-5) (FWB-NJ)
  - 5135 0200 28APR C-XX-5L INPROG (5-4) (FWB-NJ)
  - 5478 0220 05APR C-XX-Long string of numbers (3-3) (FWB-NJ)
  - 5742 0230 05APR A-SY-5d "ATT 189 47" (5-3) (FWB-NJ)
  - 5790 0415 25APR C-XX-5L (RM-IL)
  - 5812 0400 15APR A-SY-4d 629 gp 190 //6803 KHZ (RM-IL)
  - 5812 0700 03APR A-SY-4d 275 gp 148 (RM-IL)
  - 6227 0500 17APR A/SY-5d (444) (TL-IL)
  - 6235 0412 24APR A-GY-3e2d (3-3) (FWB-NJ)
  - 6294 0836 27APR A-SY-5d (MSH-NC)
  - 6770 0704 03APR A-SY-5d (RM-IL)
  - 6800 0430 08APR A-SY-4d (RM-IL)

6803.0 0215 25APR A-SY-4d (MSH-NC)  
 6804 0200 19APR A-SY-4d // 9075 KHz (RM-IL)  
 6822 0330 03APR A-SY-5d "ATT 784 30" (RM-II)  
 6835 0333 16APR A/SY-5d (BLJ-TX)  
 6835 0908 07APR A/SY-5d (RM-II)  
 6860 0125 24APR C-XX-5L using ABDEINSTUV 14ths (RM-II)  
 6876 0224 24APR A-EY-5d (MSH-NC)  
 6890 0450 01APR A-SY-5d (AJA-VA)  
 6890 0623 01APR A-SY-5d (AJA-VA)  
 6890 0648 01APR A-SY-5d (AJA-VA)  
 6890 0457 08APR A-SY-5d (AJA-VA)  
 6890 0637 08APR A-SY-5d (AJA-VA)  
 6890 0649 08APR A-SY-5d (AJA-VA)  
 6890 0500 15APR A-SY-5d (AJA-VA)  
 6890 0640 15APR A-SY-5d (AJA-VA)  
 6890 0649 15APR A-SY-5d (AJA-VA)  
 6890 0459 22APR A-SY-5d (AJA-VA)  
 6890 0650 22APR A-SY-5d (AJA-VA)  
 6890 0453 29APR A-SY-5d (AJA-VA)  
 6890 0630 29APR A-SY-5d (AJA-VA)  
 6890 0650 29APR A-SY-5d (AJA-VA)  
 6895 0500 22APR A-SY-5d "ATT 794 115 30" (RM-II)  
 7410 0315 20APR C-XX-5d (RM-II)  
 7434 0210 22APR C-XX-5d (RM-II)  
 7527 0300 29APR A-SY-5d (RLR-KS)  
 7529 0305 29APR A-SY-5d (RM-II)  
 7803 0723 26APR A-SY-5d // 7887 KHz (MSH-NC)  
 8057 0520 01APR A-SY-5d (AJA-VA)  
 8057 0549 01APR A-SY-5d (AJA-VA)  
 8057 0520 08APR A-SY-5d (AJA-VA)  
 8057 0610 08APR A-SY-5d (AJA-VA)  
 8057 0630 08APR A-SY-5d (AJA-VA)  
 8057 0520 15APR A-SY-5d (AJA-VA)  
 8057 0605 15APR A-SY-5d (AJA-VA)  
 8057 0621 15APR A-SY-5d (AJA-VA)  
 8057 0520 22APR A-SY-5d (AJA-VA)  
 8057 0603 22APR A-SY-5d (AJA-VA)  
 8057 0624 22APR A-SY-5d (AJA-VA)  
 8057 0519 29APR A-SY-5d (AJA-VA)  
 8057 0612 29APR A-SY-5d (AJA-VA)  
 8333 0330 26APR A-SY-5d "ATT 847 64" (433) (JEB-CA)  
 8641 0318 27APR A-EY-none- repeats M.I.W.2 (FWB-NU)  
 8873 0200 07APR M-XX-5L "RMU DT" (5-5) (FWB-NU)  
 8873 0200 28APR M-XX-5L "RMN DT" (5-5) (FWB-NU)

than I can fill. From my own personal viewpoint, this is the singular weakness of a fixed page allotment system.

No one is to blame for this. Who could have foreseen that the Speedx utility column would draw in a steady and growing support, that progressively and repeatedly, swamped its fixed page allotment. I've gone through four winter seasons, hoping that conditions would change. They have, but not in step with the situation. I now find the situation a source of monthly frustration.

We utes are an enthusiastic bunch, but are the minority in Speedx. We are 25% of the membership, and this is borne out in the ratio of 36 to 9 bulletin pages (SWBC versus Utility). This reality I somehow forgot. For me, the column became almost like my own child, and as a good father, I wanted only the best for my offspring, even if the realities dictated otherwise. In essence, I tried too hard, and ended up frustrated by my inability to handle or alter the situation.

A Speedx editor must work within the established guidelines. When an editor cannot, he becomes a liability to both the club and his supporting contributors. Therefore, it is best for all concerned that I resign and turn over this column, to someone who can better deal with the realities.

With your incalculable support, we built the utility column into a very good thing. In this respect, I'm very proud of all of you. If I served you well, then he/she who takes over, can do just as fine a job, probably even better, providing your support continues.

So let's get behind the new editor (as yet not named) There will undoubtedly be changes, but I'm sure, that once the transition is complete, there will remain a very good utility column... In the end, this is what it is all about.... continuation of the utility column.....

By the way, my resignation will have no effect on the SRGU, I will continue to work on this Speedx ute manual.

As Speedx has accepted my resignation, the matter is closed. I will be with you through the October issue. If the new editor feels ready, my departure may be sooner. All I can say to all of you is, Thanks Gang.....

8873 0403 24APR C-XX-5L "Cyrillic groups (FWB-NJ)  
 9038 0400 13APR C-XX-5L "UAI NUT" (5-4) (FWB-NJ)  
 9038 0400 20APR C-XX-5L "UAI NUT" (5-3) (FWB-NJ)  
 9038 0400 27APR C-XX-5L "NINT MAA ADT" (4-3) (FWB-NJ)  
 9038 0400 04MAY C-XX-5L "NINT MAA ADT" (4-3) (FWB-NJ)  
 9325 0511 03MAY U-GY-5dd (454) (RMA-IA)  
 9387 0302 26APR A-SY-5d (343) (RMA-IA)  
 9435 0205 22APR A-EY-4d (222) (RPM-GA)  
 10355 0336 27APR C-XX-5d (RM-IL)  
 10784 0330 27APR C-XX-5d (RM-IL)  
 11039 1909 07APR C-XX-5d (243) (GLE-FL)  
 11284 2056 27APR C-XX-4d (RM-IL)  
 11308.5 2110 24APR C-XX-5d (RM-IL)  
 11308.5 2115 24APR C-XX-5L (RM-IL)  
 11310.5 2055 24APR C-XX-5d (RM-IL)  
 11491 1830 21APR A-SY-4d (RLR-KS)  
 11532 1600 11APR A-SY-4d "195 gp 94" (RM-IL)  
 11532 1600 12APR A-SY-4d "195 gp 94" (RM-IL)  
 11532 1700 11APR A-SY-4d "988 gp 81" (RM-IL)  
 11532 1700 12APR A-SY-4d "988 gp 81" (RM-IL)  
 13658 0315 24APR C-XX-none repeats D.C.1.2 (FWB-NJ)  
 13676 2320 24APR C-XX-5A (RM-IL)  
 13676.5 1814 17APR C-XX-5A plus punctuation marks (RM-IL)  
 13773.5 1747 17APR U-GY-5dd "Achtung 266" (RM-IL)  
 13890.6 1902 08FEB U-GY-5d Hotel Mike/tones s/on (254) (FUG-SOAF)

BEACONS

3636.5 C 0027 "U" beacon (FWB-NJ)  
 5843 C 0246 "N/A" beacon - fsk mode (FWB-NJ)  
 6244 C 0204 "U" beacon (FWB-NJ)  
 6663 C 0024 "D" beacon (FWB-NJ)  
 8671 C 0324 "U" beacon (FWB-NJ)  
 8794 C 2352 "U" beacon (GLE-FL)  
 12328 C 2214 "U" beacon (FWB-NJ)

\*\*\*\* UNIDENTIFIED \*\*\*\*

4409.0 C 0050 KQC clg OSV (04MAY) (FWB-NJ)  
 4880 C 0440 VYK27 - repeats of "DE VYK27" (25APR) (FWB-NJ)  
 6834 C 0500 CQ mkr from 5K (15APR) (RM-IL)  
 7410 C 0336 TUJ sending 5 alpha-numeric tfc (RM-IL) (25APR)  
 7414 C 0333 KA3MMQ repeating "QO DE KA3MMQ K" (15APR) (BLJ-TX)  
 11307.5 C 2058 DMSU sending 5 ltr tfc (24APR) (RM-IL)  
 12603 C 0031 SOVFRACHT TIME CHART MOSCOW BT 02/05/77 TT (03MAY) (JB-PA)  
 12977.5 C 2353 V mkr from VK30 (19APR) (DB-4R)  
 20618 C 1832 unid sta sending 5dd to GWN (20APR) (RM-IL)

NOVEMBER ECHO 702	This Confirms Reception of an Aircraft of the UNITED STATES NAVY		S-3A
NOVEMBER ECHO 702	Aircraft Callign	Aircraft Type	S-3A
11820.4	USB	Output Power	500 W
3 DEC 78	R121Z	Time	200 AM USLU SAN DIEGO
160136	Aircraft's Serial Number	Approx. Location During Xmit	30 NM S E
SEASON'S GREETINGS		Signature	

# HMCS PROTECTOR

**THIS CONFIRMS RECEPTION**

CANADIAN NAVAL VESSEL	
VESSEL NAME	PROTECTOR
DATE	17 JAN 77
CALL LETTERS	CVTV
VESSEL CLASS & NUMBER	AOR 509
TIME	1112.5 - 1114
APPROX. LOCATION	30 NM S E
FREQUENCY	2716 KHz
MODE	Voice
FAIR POWER	175 WATTS
SIGNATURE <i>Grant Rowlands</i>	
HOTEL PROTECTOR	

# CONTRIBUTORS LIST:

JUNE 1984

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 101

3	ABBOTT, STEVE	IL R600	3	MACGIBBON, BRUCE	OR
4	ADDISON, JOE	KS R600	3	MACRIE, VIRGINIA	NJ R2000
1	ALEXANDER, BRIAN	PA FRG7700	2	MANDERSCHIED, MIKE	CA ICF2001
4	BARBER, HERB	NY	2	MARGOLIS, ROBERT	IL
1	BARRY, JOE	CA	2	MATSUI, YASHIKO	JP FRG7700
5	BERKHOLTZ, NICHOLAS	MN RF2800	3	MAY, RONALD	OR IC-R70
4	BERRI, JASON	CA RF2900	4	MCKINNEY, LARRY	PA R1000
4	BINGHAM, FRANK	MA R7000	1	MENZE, L.M.	NJ
3	BLANCHETTE, MARION	FL DX100	1	MIYAUCHI, SATOSHI	JP
6	BREWER, DONALD	AR R1000	4	MUNSTER, RALF	GA
3	BYRON, LESLIE	PA PATROL 9	6	MUZYKA, WILLIAM	NY
3	CACERES, MARCOS	NY M7700K	6	McKEON, THOMAS	IN
5	CARD, PETER	RI NRD505	3	NEUVERTH, MICHAEL	CO DX400
1	CARLSON, VIRGIL	WA	3	OHLINGER, DONALD	CA RF3100
1	CHICKERELL, LARRY	WV DX400	5	PARKS, WILLIAM	FI
3	CLAYTOR, DAVID	OH R1000	2	PRATH, JOHN	FI FRG7000
4	COLEMAN, ROBERT	MA	3	ROBERTSON, DAVE	WA
2	COOMLER, BOB	WA	3	ROBINSON, BETSY	TN CR2021
3	COX, JAMES	CA	4	RUCKMAN, ROBERT	OH
3	CUNNINGHAM, LARRY	OH	4	SABLE, THOMAS	NY
1	DANKO, LARRY	NJ IC-R70	1	SAMS, MITCH	KS
1	DEMMITT, JOHN	PA HOMEBREW	2	SCHMAUTZ, SCOTT	NY
4	DILLON, PETER	PA DX400	2	SCHULSINGER, MICHAEL	OH
2	DUGUAY, RICK	MA DX300	1	SEITNER, ALLEN	VA
4	DUNCAN, GREGORY	NC	2	SHARP, DAVID	FI
1	FALBO, ANTHONY	OR	1	SHARPE, BRYAN	CA DX302
4	FAMULARO, RALPH	NJ RF2800	1	SHEEDY, DAN	CA
3	FEMYER, MIKE	AZ	3	SHIMADA, SENSHU	JP
1	FISHER, JOHN	MA R2000	2	SMITH, ADAM	PA
1	FLEMING, TOM	FL TS-430S	7	SOOMRE, ED	MA
2	GAMMIE, CHARLES	MI R1000	5	STEIN, RICKEY	NJ
4	GOLAB, MARC	IL FRG7700	2	STEPHANY, NOLAN	NY
4	GRAY, J. SPEED	MI NRD515	3	STEPHENSON, NORMAN	CA
3	GROSVENDOR, NORMAN	CA FRG7	3	STINER, ROLAND	NY
6	GUNTER, JOHN	NC R1000	3	SWINN, ROBERT	CA
4	HARDESTER, MIKE	NC R1000	3	SZABO, PETER	KS
3	HARRELL, RICHARD	IL RF2900	1	TALBOT, JOE	AB
3	HESCH, RUTH	NY R1000	5	THOMPSON, PEGGY	CA
5	HEVERN, VINCENT	NY IC-R70	3	THUNBERG, BOB	FA R1000
1	HUFFAKER, CARL	MX HOMEBREW	4	UNRUH, DONALD	HI FRG7
1	JACKSON, RANDALL	OR FRG7700	3	VALENTINE, F.A.	CA
3	JONES, BRIAN	TX IC-R70	4	WAELETERMAN, JERRY	MO RF4900
2	JONES, DAVID	VA	4	WEIKEL, FRANK	HI
5	KEENAN, DAVID	CA	2	WELCH, FRANK	MA ICF6800W
6	KLOSOWSKI, LORI	FL	3	WITTE, MARJORIE	CA
5	KNAPP, JEFF	WV R2000	3	WOOD, RICHARD	SA
4	LANGLEIS, HAROLD	GA	1	YAJKO, BOB	PA
1	LEEMAN, JOSEPH	RI	1	YAMADA, KOJI	JP
2	LEVIN, JAY	NJ	1	YOSHIMURA, KATSUTOSHI	JP IC-R70
1	LOBDELL, CHRIS	MA	3	ZILMER, ROBERT	NM R1000
2	LORD, EARLE	CA			

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:  
UTES/QSLs/P6M PANORAMA/DX MONTAGE

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
NONE

Hello fellow Contributors... Gee, it seems to be a rather slim month, doesn't it? Notice though that we are missing four columns too, two of them big ones. They will, of course, be included in next months Contributors List.

I'm sure some of the problems are associated with my moving. So remember editors, please make sure you send your contributors to me, not to our new publisher, Tom Kephart. My new address is listed on the first page of this list.

And, let me at this time welcome TOM KEPHART to the ranks of the initiated. Naturally, you are reading this in the first ever issue published by Tom. Welcome aboard! Tom and I will be working together for awhile to make sure that this bulletin does indeed get out on time every month. And, let me personally thank Tom for taking over when he did. There might not have been a June issue otherwise. Let me also say a big how-do to our new HQ's manager, JACK SANDERSON. Jack is taking over HQ's from Don Johnson who has been doing that job for, well let's see, it seems like forever. Don will be working with Jack over the next few months as well to make sure that transition runs smoothly. Too many changes all at once!

We had a few computer problems as well this month which is why many of the receiver listings are missing. Sorry about that. We just got moved in here less than two weeks ago (today's the 19th of May) and I no more than got the computer hooked up than I ran this column. No chance to test things out and for sure I ran into some problems. I hope they are all corrected next month.

Also, those of you who are waiting for you tri-linguals, please hang in there. Your letters are in a box somewhere here in the office, and as soon as I find them, I'll get them out to you. If you haven't heard from me in a couple of weeks, then please write again with your request. Again, sorry for the delay, but moving is no fun!!! Also, those of you who wrote recently, again, hang in there, I will get back to you ASAP. And finally, a reminder that when writing to me or any SPEEDX staffer, please include a SASE if you would like a reply. Most of us pay for our postage out of our pocket and every little bit helps.

Well, that's enough for now...let's move on now to this months ads, provided by editor David Sharp....

**SPEEDX want ads...**

SEND ALL ADS TO:

David Sharp  
17602 Meadowbridge  
Lutz, FL 33549

**FOR SALE:** Galaxy R-530 w/SC530 speaker, 6, 2.1 and 1.5 kHz filters. Accurate analog tuning, very stable receiver, 275.00. Realistic DX-30?, exc condx, 275.00. Hammarlund HQ100A receiver, exc SWBC, 150.00. All receivers in good condx w/manuals. Prices negotiable somewhat if you pay shipping. John Henault, 55 Lincoln St., Abington, MA 02351. Or call, 617-878-8881, 4PM-5:30 PM, or also 9:30PM-11:00 PM EST Mon. through Thu. Please, no collects!

**FOR SALE:** Drake SPR-4/FS4/Accessories, 325.00. T-4XC/AC/Accessories, 325. Negotiable. **WANTED:** January 1934 QST; HG-10 VFO. Harry J. Miller, P.O. Box 153, Midlothian, VA 23113. Call 804-786-1608 days, or 804-739-2416, nights.

**WANTED:** Cassette tapes of Radio Free Grenada. Will buy or swap; I'll pay postage and copy costs if necessary. Send a postcard stating the content, quality, and duration of your recording. Also interested in Radio Grenada and Spice Island Radio Recordings. Douglas J. Ulmer, 1705 Madison St., Metairie, LA 70001.

**FOR SALE:** Barlow Wadley XCR-30 (purchased 1975), asking 100.00. ant trim and earphone jack loose, otherwise all O.K. Sony CRF-5100 (purchased in 1980), 200.00, in fine condx. Prices inc. all literature, double packing, UPS shipping+ insurance. Quitting radio. Robert Fraser, 50 Todd Rd., Cohasset, MA 02025.

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 2 SPEEDX Spotlights  
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- David Sharp  
 David Sharp  
 Tom Kephart  
 Sandy Blaize  
 Woody Seymour  
 Chris Lobdell  
 John Cereghin  
 Daniel Sampson  
 Mark Koukoi  
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