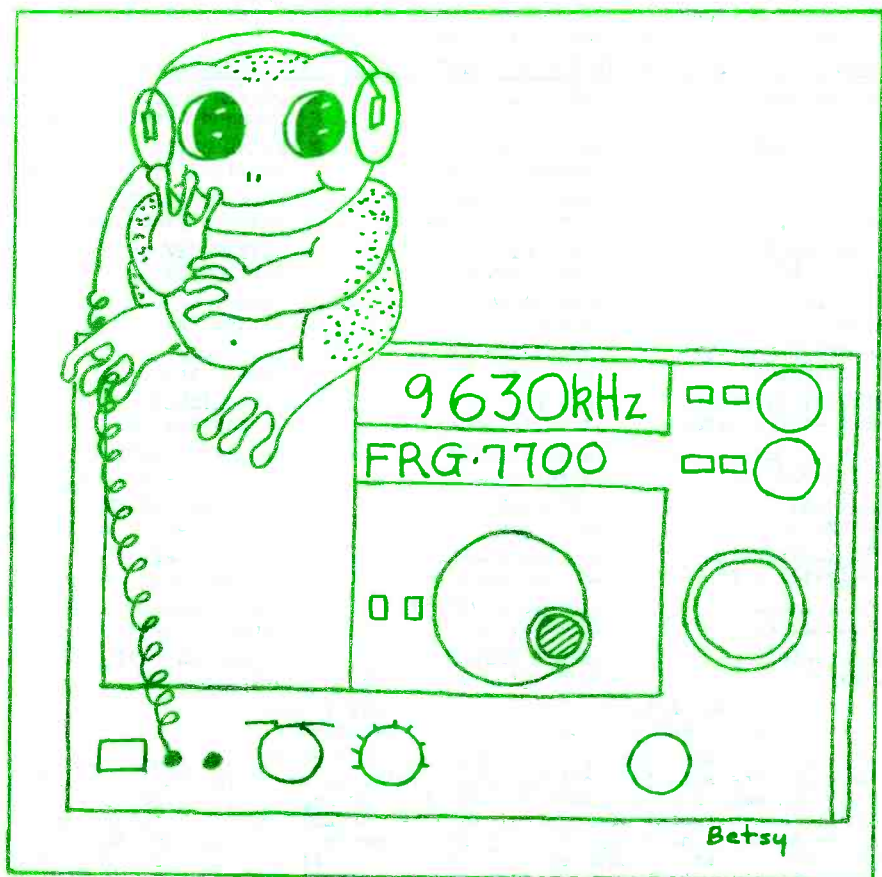


SPEEDX

SPEEDX the dx radio magazine
for active shortwave listeners



REMINDER TO FULL MEMBERS--GET THOSE NOMINATIONS IN!

Nominations for Members of the SPEEDX Board of Directors close on June 10. Three positions are to be filled by Full Members and only Full Members can make Nominations and Vote in the SPEEDX Election. The terms of both John Trautschold and Chris Lobdell still have two years left--so DO NOT NOMINATE EITHER OF THEM. Only Full Members may be Nominated and you may Nominate yourself. Mail your Nominations directly to: John Trautschold, P. O. Box 861, Monomonee Falls, WI 53051-0861. To count, they must be in his hands by midnight June 10th. The Choices are yours! Use a Post Card and be sure your name and signature are on it, together with your Nominations. Remember--NO member serving as an Official Staff Member of a similar hobby club may serve on the SPEEDX Board of Directors.

ABBREVIATION LIST OUT-OF-DATE, SAYS SPEEDX PROJECTS COORDINATOR

Calling on SPEEDXers to help in up-dating our Abbreviation List, Projects Coordinator Kraig W. Krist asks all members who have abbreviations, or who know of some not listed, to send them to him at 2017 Edgar Ct., Falls Church, VA 22043. In his letter he says, in part, "...come on everybody, let's have a good contributor turnout. As always, Membership Points will be given to those who send in their abbreviations by the end of July, 1983." He further states that he has heard from only a few offering Project ideas and materials and urges all SPEEDXers to help out. You can help to make SPEEDX a better, more interesting Club by working with Kraig.

HCJB AIRING NEW SHOW FOR AMATEUR ASTRONOMERS (PEHAPS)

Jeff Marker of Raytown, MO reports that "Perspectives", a new program for amateur astronomers, is best by HCJB, according to the March issue of the Sky and Telescope Magazine. However, the name, times, and frequencies do not jibe with the current HCJB English Program Schedule. For the benefit of all skywatchers, can any good SPEEDXer clarify this?

SWL/HOME COMPUTER BUFFS INVITED TO 'LOG ON'

Knowing "from nothing" about computers, we merely offer the following printout sent by Marvan Hogan, CA, as received (*indicate paragraphs):
*CLEARPOINT is now online in San Francisco! *This database, accessible on any home computer, is a daily compendium of news dispatches monitored by SW from the full spectrum of international news sources heard there.
*Any SWL is welcome to log on anytime for details on membership. *Note that FREE membership is now being offered for anyone agreeable to making regular submissions of news transcriptions. *Phone: (415) 824-7215 *via modem: 24 hours." (At age 70, we're not going to get involved!)

VOICE OF FREE CHINA MAKES MAGAZINE AVAILABLE

A magazine featuring beautiful color photography, with most articles in Chinese but some in English, is now available, according to Don McCants of Trussville, AL. The magazine, "Sinorama", goes for \$18 per year, or \$34 for two years. If you're interested, write to: Sinorama, Room 600, No. 2, Chung-shan N. Road, Section 1, Taipei 100, Taiwan, Republic of China. It's published by the Voice of Free China, says Don.

WTFDA SETS 1983 CONVENTION FOR AUG. 5-7

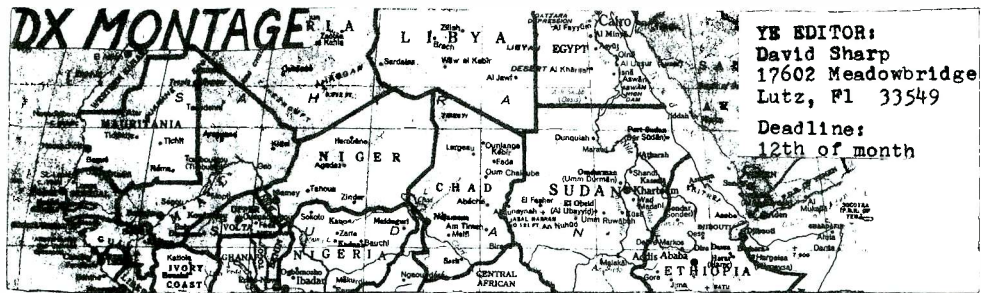
Dunkirk, NY will be the site of the 1983 Worldwide TV-FM DX Assn. Convention on Aug. 5-7 to be hosted by TV DXer Bob Seybold. The HQ will be the Vineyard Motel at Exit 59 of I-90 with room rates in the mid \$20-30 per night range. Registration will be around \$20 and will include a tour of a public TV and FM studio and, perhaps, a transmitter site, as well as demonstrations and a DXpedition in the hills southeast of Dunkirk. The city is on the shore of Lake Erie about 40 miles southwest of Buffalo and is an excellent DXing location. For more info, write to WTFDA HQ, P.O. Box 514, Buffalo, NY 14205, or Bob Seybold, Bennett Rd., RD 2, Dunkirk, NY 14048. (The Vineyard is a Quality Inn franchise, if you want to know.)

INT'L DXERS CLUB OF SAN DIEGO OFFERS EQUIPMENT SUPPLEMENT

The IDXCS, 1826 Cypress St., San Diego, CA 92150, has available its 1983 Supplement to its SW equipment review in a 180 looseleaf pages, with the quarterly up-dates of evaluations and user reports, for \$10 per year. The first '83 up-dater of 65 pages, covering the IC-R70 & R-2000, et al, can be had for \$3.00. All pages are 5½ x 8½"-- they're highly recommended, as is their leatherette ring binder, with Club logo, for \$3.50.

ONCE AGAIN, SPACE LIMITATION 'KILL' MANY GOOD STORIES! Sorry & 73, *Kan*

DX MONTAGE



Welcome to the June edition of DXM. Your editor, being the dynamic person he is (and if you believe that, I have some beautiful ocean-front property on Lake Tahoe), quickly tired of the old logo, so whipped up a new one ala pronto. Your opinions regarding the logo will be appreciated.

Because of popular demand (and the gun being pointed at me--I really do value my life), I have decided to resume the Soap Box next month. If you feel like expressing your opinion on any subject, write in. But remember, please do not take pot-shots at individuals or organizations (except R, Moscow, hi); we want to keep DXM clean. Also, I am conducting the first, and hopefully annual, SPEEDX SW Popularity Poll. Needed are your top 5 stations, top 3 shows, and 3 most favorite personalities. More on this in subsequent issues. Now, without further chit-chat, I begin with this month's info...

Ever wonder why your neighbor with the electric company stock is so happy? Perhaps the following item from Larry Talbot can explain why... An info sheet from the BBC states they have 48 SW xmters located at five sites in the UK ranging from 100 to 250 kW. 14 100 kW xmters will be replaced in the next few years by eight 500 and six 250 kW xmters. Also, by early 1983, the two 7.5 kW Cyprus xmters will be replaced by four 250 kW xmters. Looks like the BBC will be burning a lot of juice. Better buy the stock before it's too late. Tell your broker ye ed sent you. Larry also adds that it really wasn't that long ago 100 kW was considered a real super-power...

Steve Reinstein, via DXSF, has sent me some late DX info. So, for the benefit of readers, will include here... From Crawford, R. Hargeisa has been hrd 1220 to 1229* on 11640. I tuned in, and hrd some undermod sig with Afro mx, but no positive ID. R. Mondou, Chad, has been semi-active at *0500 on 5288v; an Afro that has escaped the grasp of ye ed's antenna (yes folks, there are a few, hi). Mauritius is noted at 1030 on 9709, and Sams says Sudan is active at 0600 or so on 11929/11941. This goodie puts in a fair sig in Lutz. Steve also wonders if my Pointe Noire 4837 log in May SPEEDX couldn't be Mali. Well Steve, the station Pointe Noire and was not // to Mali. Perhaps they were drifting, as did Mauritania not too long ago. Anyway, thanks for the tips, OM!

Ye editor feels like it's abt time for a contest, so here it goes. First person, who can tell me the oldest radio station in the Sunshine State, gets a complete set of SPEEDX Basic Info Pamphlets. Needed is the call sign and location to win. In case of a tie, postmark will determine winner.

If you are tired of giving the UPU their "cut," throw out those IRCs and start sending postcards. That's right, postcards. Ye ed personally knows a local Tampa DXer that sends the sexiest, most revealing post cards he can find with his QSL reports. It is interesting to note that he has gotten very quick replies from LRA-36, R. Garoua, etc. by enclosing the post cards. Needless to say, he usually gets long letters with his QSLs requesting more cards!

And now, the only typewriter in Lutz presents an excerpt from DXM 1977... MY DESERT IS CALLING (or get your camel over the hump); Something strange happened to Dennis Streveler when he sent a reception rpt to BSKSA... it was soon returned to him in an envelope with no return address. Scribbled on the back of his rpt was the following handwritten message: "I am afraid nobody here understands what this is all about--but it was very kind of you to write whatever you wanted. I can, in return give you a tip to make some money; start asking your local antique dealers for GOSS CHINA which will double in value quite soon." Ye ed still thinks Dennis would have rather gotten a QSL..

Just enough room to ask you to still contribute. Anecdotes and oddities pertaining to our hobby are especially welcome.

CUN 30

CRACKER COUNTRY: You know your antenna is too low when the lady next door uses it as a clothesline.....

73's Waind

PROGRAM

JUNE 1983

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

PANORAMA

FROM THE EDITOR'S DESK...This month saw a significant increase in the number of contributors to Program Panorama. We are pleased to have these new reporters and hope that they will become regular contributors. Due to the large volume of information provided, it is necessary to present a cross-section of the contributions received. Items not used will be retained for possible use in subsequent months. Since your editor is on the mailing list of most of the international broadcasters, it would be helpful if more contributions along the lines of program additions, deletions or changes could be received from reporters. The schedules of the major international broadcasters will only be presented every six months for a particular station. However, program changes for that station will be presented as received/Would any member who has access to recordings of old World War II propaganda broadcasts(e.g. Axis Sally, Lord Haw Haw, Tokyo Rose) contact your editor at the address listed above? Thanks! (WS)

AUSTRALIA...The new issue of the RA program guide contains an article on the program SPECTRUM. A photo of the program's principals is included with the article. When one considers the difficulty this program had initially with being accepted by the RA management, it seems ironic that the program is now highly touted. Thanks to Dick Speakman and crew for your perseverance! SPECTRUM is heard weekly at the following times: Sun 0612, 0810, 1612, 2112, Mon 0330 UTC over Radio Australia's regular frequencies. (WS)

BRAZIL...Radio Nacional do Brasil broadcasts in English daily to Europe at 2000 UTC on 15390 kHz and to North America at 0200 UTC on 15290 and 17830 kHz. On Sun you can hear SUNDAY SPECIAL, featuring music and talk programs on alternating weeks. For June, the Sun features are: 5th BRAZIL, A SOVEREIGN AND INDEPENDANT NATION; 12th IN A JUNE FESTIVITY; 19th CARAJAS, THE SALVATION OF THE ECONOMY; 26th THE INTERNATIONAL RECESSION AND ITS EFFECTS ON THE THIRD WORLD; note that the program is heard in North America on Sun night local time which is Mon UTC. (Dick Hull, WA)

ECUADOR...HCJB presents a dramatization of C.S. Lewis' fantasy stories THE CHRONICLES OF NARNIA Sun at 0115 UTC on 15155 and 9745 kHz, repeated the same day at 0545 UTC on 11915, 9745 and 6095, as well as Wed at 0245 UTC on 15155 and 9745. Note that this is Sat and Tue nights in North America, local time. (Thanks to Don McCants, AL; James Cox, CA; Dick Hull, WA for the HCJB info)

GERMANY(West)...Radio Deutsche Welle broadcasts in English to North America daily at 0100 and 0500 UTC on several frequencies. The 50-minute program contains MICROPHONE ON EUROPE on Tue-Sat UTC broadcasts. "MICROPHONE" is a daily current affairs magazine with comments, press reviews, analyses and reports on events in Germany and Europe. On Sat night(Sun UTC), you can hear COMMENTARY OF THE WEEK, POLITICAL REVIEW OF THE WEEK, SCIENCE MAGAZINE (alternating with SOCIAL AFFAIRS MAGAZINE) and LEARN GERMAN BY RADIO: THE BAUMANN FAMILY. Sun night (Mon UTC) features LETTER FROM BONN/BERLIN, CULTURAL AFFAIRS MAGAZINE, MAILBOX(1st Sun) and MUSIC PROGRAM. (Larry Talbot, WI)

HUNGARY...Radio Budapest publishes "Budapest International" on a regular basis. This program sheet contains news of upcoming programs from the station. Due to the complexity of the schedule, it is not possible to bring you any information here; but, we urge you to contact Radio Budapest and ask to be put on their mailing list for this publication if you are interested in their programming. (Thanks to Larry Talbot, WI for the copy of "Budapest International")

IRAQ...Radio Baghdad broadcasts in English 2130-2230 UTC and 0300-0400 UTC on 9745 kHz. Programs include: Daily NEWS, POLITICAL PROGRAM, PRESS REVIEW, followed by: Sun ECONOMIC PROGRAM Mon WITH THE WORLD PRESS Wed CULTURAL PROGRAM Thu PALESTINE PROGRAM Fri POST BAG CORNER Sat QUESTION AND ANSWER PROGRAM. Oh yes, on Tue IRAQ AND MARCH OF THE FUTURE is broadcast. (Marion Blanchette, FL)



Israel
Broadcasting
Authority

ISRAEL...Kol Israel broadcasts in English several times daily. NEWS AND PRESS REVIEW can be heard 0500-0515 UTC daily. At 1200 UTC, you can hear the following programs: Sun MOSAIC (Israel Magazine); Mon YOU'RE ON THE AIR (live phone-in show); Tue MAINSTREAM (consumer magazine); Wed FORUM (discussion); Thu STUDIO 3 (arts); Fri THANK GOODNESS IT'S FRIDAY!; Sat WEEKEND (people and events in the news). At 2000, 0000, 0200 UTC you can hear (note that days are local time days in North America): Sun CALLING ALL LISTENERS, DX CORNER, SPORTS*; Mon Krist, VA...../ COMMENTARY*, SPECTRUM (science); Tue HEBREW LESSON*, FAITH TO FAITH; Wed FORUM, FREQUENCIES*; Thu COMMENTARY*, STUDIO 3; Fri TGIF, NEWS FROM THE JEWISH WORLD*; Sat WEEKEND. (*These programs are not heard in the 0200 UTC transmission) 2230 & 0100 UTC: Sun MOSAIC, SPORTS*; Mon COMMENTARY*, YOUTH BEAT; Tue HEBREW LESSON*, ISRAEL POP SOUND; Wed LIVING HERE, FREQUENCIES*; Thu COMMENTARY*, THIS LAND; Fri SHABBAT SHALOM, NEWS FROM THE JEWISH WORLD*; Sat WEEKEND. (*These programs are not heard in the 0100 UTC transmission) (Thanks to Barry Brenesal, FL; R.H. Arland, ENG; Michael Moore, TX; Steve Sienicki, NJ)

KOREA (Rep. of)...Radio Korea broadcasts in English several times daily (see March 1983 Station Skeds column). Sun features NEWS HIGH-LIGHTS, KBS SALON, PRESS IN REVIEW, LISTENERS CORNER. Mon-Sat lineup includes NEWS & COMMENTARY daily, LET'S SPEAK KOREAN (daily except Sat), VARIETY IN MUSIC (daily except Fri, Sat). Other features are: Mon LIFE IN KOREA, INSIDE NORTH KOREA; Tue SEOUL REPORT, LITERARY FORUM; Wed THE PULSE OF KOREA, HISTORY OF KOREA; Thu KOREAN CULTURE PAST & PRESENT, INDUSTRIAL SCENE; Fri TOURING KOREA, SHORTWAVE FEEDBACK; Sat MELODIES OF KOREA, PROGRAM PREVIEWS, SPORTS ROUNDUP, KOREANS AT WORK. Each transmission ends with NEWS IN REVIEW. (Thanks to Sam Barto, CT & James Cox, CA for this information)

KUWAIT...Radio Kuwait broadcasts in English twice daily, 0500-0800 UTC on 15345 and 1800-2100 UTC on 11675 kHz. Programming consists of news programs, programs on the Islamic culture and lots of popular music. (Peter Card, RI)

LIBYA...Radio Jamaheriya broadcasts in English from 2230-2400 UTC on 71876 kHz. We don't have space to list all of the programs heard on the station, but here are some sample titles: AMERICA & THE NUCLEAR MUSHROOM, HAPPY MUSIC, THE CALL OF THE DESERT, THE MADRID GREEN BOOK SYMPOSIUM, THE MARCH OF RESISTANCE, THE INTERNATIONALISM OF THE GREEN BOOK, THE LIBYAN STRUGGLE. By the way, HAPPY MUSIC is a daily feature, heard around 2310 to 2315 UTC. (Thanks to Thomas McKeon, IN and Bill Annis of IN for sending the schedules.)

SEYCHELLES...FEBA broadcasts in English to East Africa on Sat & Sun from 0400 to 0500 UTC in the 19 and 25 meter bands. Programs include: Sat 0400 BIBLE DRAMA 0415 NEWSBREAK 0430 SHOWTIME; Sun 0400 A TURN TO AFRICA 0415 NEWSBREAK 0430 YOUTH FOCUS 0445 GRACE OUTREACH. (Barry Brenesal, FL)

SOUTH AFRICA...Radio RSA broadcasts to North America in English daily from 0200 to 0257 UTC on 9615, 6020, 5980 kHz. Programs scheduled are (all days UTC): Daily NEWS, Tue-Fri COMMENT, then: Mon UNDER THE SOUTHERN CROSS, SUNDAY FEATURE, OUR WILD HERITAGE; Tue AFRICA TODAY (including Business Front and Question Time); Wed AFRICA TODAY (including Talking Point and Interaction); Thu AFRICA TODAY (including This Is South Africa); Fri AFRICA TODAY (including Special Report and Made in South Africa); Sat AFRICA TODAY (including Looking into Africa); Sun P.O. BOX 4559, TOURING RSA, DX CORNER. All transmissions end with NEWS IN BRIEF. (Dick Hull, WA) (Don McCants, AL)

USA...WINB's TALK BACK WITH BOB LARSON now 2000 UTC-15785.7 731 ws



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

JAPAN RADIO (JRC) RECEIVERS: JRC has introduced two new receivers in the US. The first is an up-conversion phase locked digital frequency synthesized receiver covering 90.00 Khz to 29999.99 Khz. (in 10 Hz. steps). It receives CW, SSB, AM, PSK AND FAX modes. Two preset frequencies of 500 Khz and 2182 Khz are also provided. (Obviously for the Maritime industry!) Bandwidth filters of 6.0, 3.0 and 0.5 Khz. are standard equipment and can be used in any mode. The receiver will operate from 115/230 volts AC or 24 volts DC. A companion receiver, the NRD-93, is the same as the NRD-92 (described above) with added features, such as another position of selectivity and pass-band tuning etc. Although relatively expensive, these receivers are indeed professional equipment, and should retain a high resale price. Your editor has used these sets for short periods of time on JRC fitted radio rooms aboard ship and they are very nice. Quite a few accessories are available for the sets including a 300 channel memory unit capable of scanning and sweep reception. Prices?? Nrd-92 is \$3600 and the NRD-93 is \$5900 from SPEEDXer Fred Osterman, SWL Department, Universal Amateur Radio Inc., 1280 Aida Dr. Columbus, Ohio, 43068. Send large SASE for a color brochure.

GENERAL-ELECTRIC has a toll free "repair assistance" number for those of you readers who may have some GE equipment (radios or otherwise!). Call 1-800-626-2000. Thanks to John Demmitt for this one.

SLINKY DIPOLE ANTENNA which is very familiar to a lot of SPEEDXers is now again available from The Blacksburg Group, Inc., Box 242, Blacksburg, VA., 24060. Price is now \$67.95 postpaid. Send them SASE for descriptive literature. Say you saw it in SPEEDX!!

SONY RUMORS again! There is still a "returning" rumor that SONY may soon announce an "updated" ICF-2001 receiver. More memories? Better selectivity? Less spurs? Easier on batteries? All are unknown as SONY here maintains a tight lip about what is coming out. If YOU have some substantial information, please let the Editor know and it will be announced here.

SINCLAIR-RTTY still undergoing tests, modifications etc. May become available soon this summer. This will be a combination package like the CW one offered by METCO in Florida. That is to say: receive only, and receive and transmit packages will be offered. More later as information becomes available. Price should be inexpensive.

SONY ICF-7600A. Does anybody out there have an evaluation for this set? OR is there a dealer that will loan one to SPEEDX for a short while for tests and a "review"? This is supposed to be a much improved version of the ICF-7600 pocket radio.

BARLOW-WADLEY XCR-30 receivers available. Bayoutronics (at editor's address above) has a few of the famous set that started the ball rolling! (The Yaesu FRG-7 is nothing more than an enhanced and redesigned XCR-30!) These sets are factory "seconds" and are offered at a special price, way below the original cost. All are clean and new looking. If you are interested, please send SASE to Bayoutronics, 417 Ridgewood Dr., Metairie, LA., 70001.

COMMENT: Do you have an idea for "Technical Topics"? Send it in! Usually the "seeds" for this column are YOUR letters. Is there a topic you would like to see discussed? A receiver you want to see described? Something new you think SPEEDXers might be interested in? Don't be bashful, WRITE! IF you require a reply by letter, PLEASE enclose SASE OR two 20¢ stamps. (Over-seas readers enclose enough of YOUR countries stamps for 1 oz. Airmail). All the best at ANARC-83 and see you all next month!...73! *Sandy* 47

BOLIVIA

- 4696 0340 R. Riberalta, OM DJ in SS w/pop and romantic mx, also some Colombian/Mexican mx after 0430. Full ID and theme from "Swan Lake" at 0459. Best ever reception. 0500* (5/5 Loddell MA)
- 4855 0933 Em. Norte Centrx, LV de El Mundo, First hrd 4/5, new station. Probable *0930, ID by OM @0933, "...4855 kHz, la (say la vente) en Cobiya, transmito Em. Norte Centrx,...La Voz de El Mundo.", then huaynos. Splatter de unid (SRS?)(fr. 4/11 Parks FL)
- 5075 *1030 R. Ichilo, new station, opens @1030 with possible CP NA. ID'ed as "Radio Ichilo (Lodos Santos?)" , then possible mx. Way down in QRN, RMTY, UTE splatter and QSB'd about 1036 (V. pr 4/11 Parks FL)
- 6105 1046 R. Panamericana, mx of words and mx abt the beauty of Bolivia, called "Bolivia en Antena"(343 4/15 Mahoney FL)

BRAZIL

- 3325t 0231 UNID, enthused futbol play-by-play by OM anncr, w/frequent ever-popular shouted "Gooooaallll's" that lasted 30 seconds or more. At 0235, brief jingle (unreadable), then back to game. Good lvl until 0238 when utterly destroyed by the resident RMTY sta. Definitely Brazilian, but which one? (the only Brazilian listed here is R. Liberal. Anyone? jc) (333/311 4/16 Cunningham OH) (PA)
- 3375 0945 R. Nac. São Gabriel, Braz. pops and tlks abt Amazonas (353 5/3 Mahoney)
- 4765 0245 R. Nac. do Cruzeiro do Sul, OM anncr, music box notes @0300, ID @0304 ballads (322 4/5 Stone ONT)
- 4775 0143 R. Cult. de Sergipe, OM w/soccer match. R. Cultur's "net" ID followed by voice over ment of "Aracaju" (the station's QTH jc). Splatter de adj YV's (fr/pr 4/26 Parks FL)
- 4785 0236 R. Brasil, mostly Braz. pops, ballads. Reverb ID's by OM btwn selections as "Campinas, Radio-o-o-o", ment of R. Brasil @0300 (fr 4/4 Parks FL)
- 4815 0912 Rifa. Londrina, Brazilian C&W (is there such a thing? hi! jc), OM shouts "Radiodifusora Londrina" btwn selections, DJ chatter, ads (fr 4/5 Parks, FL)
- 4825 0842 R. Educadora Braganca, OM/YL hosting pgm of Brazilian ballads, sermonette @0855. ID by YL @0900. QRM (splatter) de Tachira after 0857 (fr 4/21 Parks FL)
- 4835 0243 R. Nac. Boa Vista, mx, tlk and full ID @0245 (333 3/21 Harvey QUE)
- 4905 0136 R. Araguaia, lots of ads, 3 or 4 mentions of R. Araguaia, w/occasional Braz. ballad. QRM off for Easter (which would be a good reason to have Easter year-round, hi! jc)(gd 4/4 Parks FL)
- 4915 0830 R. Nac. Macapá, low-key DJ w/mx "Musica Macapá", occasional RN ID's, no sign of Anhanguera (gd 4/11 Parks FL)
- 4945t 2314 Rifa. Focos de Caldas, national education px, mixing w/Colossal. Def "Radiodifusora ?" ID, so presume this one (pr 4/20 Parks FL)
- 4955 0142 R. Mara Joara, OM w/soccer bcst, occasional ID's. Both Campos and this sta on this freq, but very irregular (fr 4/21 Parks FL)
- 4975 0250 R. Timbira, typical Braz. pop mx w/OM DJ. At 0255, brief tlks, then complete ID by OM as "R. Timbira do Maranhao" followed by long list of freqs and meter bands. At 0256:30, jingle by female group starting w/"Timbira...", then a taped promo by OM. At 0258, happy talks by OM DJ who laughs a lot, and into more pop mx till 0304 tune-out. Good lvl this evening; the UTE that usually haunts this freq seems to have moved down recently, allowing for all sorts of DX possibilities! (Still gives 4975 some QRM hassles, but not nearly as bad as before. Now 4970 has some problems!)(322 4/5 Cunningham OH) 0845. OM gave 4975 and 15215 (gd 4/11 Parks FL)(434 4/5 Harvey QUE)
- 5025 2245 R. Borborema, ID's ads. Mx- lots of tlk abt Campina Grande and João Pessoa (343 5/26 (huh? I'm typing on 5/12--is this a logging of the future? hi! I guess you mean 4/26 jc) Mahoney FL) 0216 (343 4/21 Schlesinger TX)
- 5965 0140 R. Guaiba Porto Alegre, EZL "dinner" mx, short "mellow" armts. Semi-ID @0158 "Guaiba-P.A.". Couple ads-seemed like Radiobras net ID 0201. Hrd //11785 till 0156 DW IS and s/on (fr 5/5 Sheedy CA) 0758 (252 4/1 Robichaud NB)
- 6000 0734 R. Inconfidência, Braz. pops, ments of Brazil by OM anncr, more pops. "R. Inconfidência" ID @0746. Fast-paced programming (353 4/30 D'Angelo PA)(454 4/1 Robichaud NB)

I got one log with no frequency! Please check your reports! Brazil continues...

BRAZIL—continued

- 6020 0922 R. Universo, ID @0923, mx (253 4/1 Robichaud NB)
 6175 0911 R. Guarani, tlk by OM, ID by OM @0915 as "R. Guarani, Belo Horizonte"
 Difficult copy, but LSB helps. Het de unid (pr 4/21 Parks FL)
 9675 0933 R. Marumby, evangelical px produced in Curitiba Paraná. Silent 0955-
 1002. ID, then mx pgm (353 4/24 Mahoney FL)(333 4/18 Kephart MI)(Tom,
 thanks for that nice letter jc)
 9695 0933 R. Rio Mar, ads, big band mx. Overnight jock was having tech problems
 (or just falling asleep?)...I sympathize immensely! (as do I. It's no
 fun taping your eyelids open at 4AM trying to stay awake jc)(443 4/18
 Kephart MI) 4/3 Traver CA)
 11780 2330 R. Nac. de Brasilia, OM, ads, much tlk, mx, echo chambers. ID @2330 (444
 15190 2237 R. Inconfidencia, fast talking OM w/TC's, freq, ID's, jingles and Braz
 mx. Unfortunately, completely covered by RCI IS @2255 (454 4/24 D'Angelo)
 15290 0211 Radiobras, EE, Braz mx. At 0215, OM w/"You are listening to R. Nac. do
 Brasil, A Radiobras sta." S/off @0236 (444 4/14 Brewer AR)(3/28 Hull WA)
 (555 4/24 Robinson TN) 0121 PP (444 4/29 Kerrigan IL)(454 4/11 Fraser MA)
 (333 4/4 Yinging MD) 0108 SS (333 4/17 Harris OH)(545 4/16 Miller CA)
 (555 4/16 Fisher WI)(454 4/22 Walega OH)(444 4/12 Addison KS)
 15445 0049 R. Nac. da Amazonia, px of wld mx. ID as "R. Nac. da Amazonia" @0055.
 Ad for Braz stamps w/QTH, PP pop mx follows. Full ID @0100 (444 4/15
 Drollinger WI) 2320 (454 4/17 Blanchette FL)
 17830 0222 Radiobras, EE, ID, mx, highlights of the week, mx from Brazil-US visit
 to discuss aid. S/off @0242 (used to be on till 0300)(433 4/30 Demmitt
 PA)(544 4/2 Shryock MO) "Brazilian Scenery"px 0200 (454 4/14 Krist VA)

*****CHILE***-Radio Nacional de Chile**

- 6150 1025 OM mx px, positive ID 1045, contd mx px, OM p/px info t/out 1115 (333
 4/2 Cox CA)
 15140 1920 OM, freq, ID, Latin pops, rapid SS tlk, mx, etc. (333 4/29 Hull WA)
 15150 2310 Two men, TC, ID's, commercials, sx mx (322 4/12 Hoatling NV) 0200 (434
 4/14 Somers CA)

*****COLOMBIA*****

- 4865 0300 LV de Cinaruco, OM amncr, tlk, ID @0310, mx, chimes between headlines
 (222 4/20 Desrosiers MA)
 4875 0130 LV del Norte, "Dialing for Pesos"-type pgm, name chosen from drawing,
 OM given 15 min to call studio (322 4/14 Mahoney FL)
 4875 0640 R. Super, "Super, Super, Super!" (doesn't R. Super have a 'super' ID?
 hi! jc) LAm pop vocals, freq, ID's (333 4/30 Konen WI) 0715 (222 4/20
 Kephart MI) 0420 (343 4/11 Rising CA)
 4885 0731 Ondas del Meta, mx w/TC between each selection, no positive ID until
 full ID @0759 (252 4/20 Kephart MI) 0340 (333 3/30 Harvey QUE)0551
 (322 4/4 Traver CA) 0608 (???) 4/16 Moore TX) 0852 (333 4/1 Robichaud)
 4945 0628 CARACOL Nevía/Colosal, OM w/phone-in show, sounded like a sports show.
 ID @0635 as "CARACOL Nevía", noticias, incl "Banco de Bogota" (443 4/14
 Kephart MI) 0435 (444 4/11 Rising CA) earthquake mx 0835 (454 4/1
 Robichaud NB) 0530 (333 4/23 Preston CA) 0630 (444 4/30 Konen WI) 0557
 (322 4/4 Traver CA)
 4965 0545 R. Santa Fe, OM amncr, many ID's. Latin mx, singing and accordian mx
 (433 4/4 Stone ONT) 0816 (344 3/26 Hull WA) 0520 (333 4/23 Preston CA)
 0442 (343 4/11 Rising CA)
 4975 1040 Ondas del Orteguzaza, px of campesino mx, full ID by OM. Bank ads. UTE
 off this morning (gd 4/29 Parks FL)
 5095 0235 R. Sutatenza, mx and tlk w/OM DJ, (433 4/24 Tilley CO)0124 (423 4/2
 Kerrigan IL) 0350 QRM de UTE sta 'CMH' (544 4/15 Raymond MA) 0400*
 (333 5/5 Managan MA) 0035 (212 4/23 Lipman NY)
 5955 0420 LV de los Centauros, Latin dance tunes (rhumbos?) w/o interruption to
 full ID @0450 by OM, NA, 0453* (gd 4/24 Parks FL) 1007 (444 Robichaud)
 5973 1023 R. Macarena, mx px called "Musica llanod de Colombia" and several IDs
 ID by OM @1030 "...departamento de Bogota (?), para Colombia y el
 mundo. Somos R. Macarena, la emisora de los llaneros. HJKT 1080 khz (?)
 modulada, HJHZ, 5975 khz (not quite! jc), somos popular, la moderno y
 grande." Another ID @1044 w/only SW freq mentioned, then into a rel px
 w/OM host and gospel mx (434 4/16 Stephany NY): new sta since early
 April, freq-5973.2 (444 4/15 Wilkins CO): ID "Desde Villavicencio para
 Colombia de El Mundo, 5975 kcs, 49 m. banda internacional, R. Macarena
 la emisoras de la ?" Big signal! (gd 4/11 Parks FL): mentions of
 TODELAR during ID's (gd 4/8 Lobdell MA) (whew! thanks for these good
 reports guys! jc)

Before I continue with Colombia, two things: a few logs came on the 13th, after I typed 3 pages, so all logs cannot be included. Second, don't send MW or UTE logs! SPEEK is shortwave club, and that's all we report! Now, back to...

COLOMBIA...cont

- 6020 *1130 Rdif. Nacional, *1130 w/NA, ment of Rep. de Colombia and Bogota, then Rdif. Nacional. Mixing w/UTE, so might be a mixing product at xmitter (pr/fr 4/27 Parks FL)
- 6065 0944 R. Super de Bogota, px of mx. ID @0957 OM: "En el aire, La Cadena Super, onda portente de radiodifusora en nuestra pais. Super! Por su gustomeito Colombiana." (343 4/24 Stephary NY): 0823 (353 Robichaud NB)
- 6085 *1002 Ondas del Darien, Turbo, NA, no-data s/on, then pgn "Amanecer Campesinos", w/mixed bag of LAm mx, including ranchera. Full ID 1032. OM ancw w/comunicados after each song (433 4/26 Wilkins CO): 1110, jammer (4/29 Parks FL): ID as "Internacional Ondas del Darien (Jones MS)
- 6115 0500 LV del Ilano, several mentions of "Super Radio" (must be their network, at least acc. to WRTH 81) mostly tlk by OM w/detailed ID @0505 (343 4/25 Culbertson WA): 0541, pgn from Cadena Super (353 4/16 Moore TX): ID as "Super, unita los Colombianos..." "en la cadena Super de Colombia" (454 4/1 Robichaud NB): 0747-0817 (444 4/21 Wilkins CO)
- 6150 0804 LV de Huila, ID as La Voz de Huila + CARACOL, then pops (333 4/18 Halbert CA): 0832-0905 (444 4/20 Wilkins CO): 0930 (444 4/16 Raymond MA) 0620 (344 4/25 Culbertson WA): 0615-0630 (433 4/10 Golab IL)
- 9635 1155 Rdif. Nacional, mx, un-LAm kind, "La Vie en Rose" + "Around the World in 80 Days". ID, OM/YL amers (454 4/9 Hesch NY)
- 15355 0500 Rdif. Nacional, sked, ID, NA, s/off (353 4/13 Moore TX)

ECUADOR

- 3220 0440 HCJB, OM w/mx pgn, tx, ID (242 4/18 Rising CA)
- 3253 0415 UNITI, soft, slow rumbas + Ecuad.-type mx. No flutes. Lots of strumming guitars (2+ 4/24 Witte CA)(LV del Triunfo is here, but it's a toughie. Keep trying for that ID! jc) 3/20 (very old! jc) Harvey QUE)
- 3280 0508 LV del Napo, full ID by OM, into presumed NA by YL. S/off @0310 (333 3325 0956 Ondas Quevedenas, mx. ID @1007 (343 4/1 (kinda old too jc) Robichaud NB)
- 3380 0330 R. Iris, songs. ID @0357 (343 4/10 Robichaud NB)(333 Harvey QUE)
- 3395 0405 R. Zatacay, ID, LAm mx. Bad CW het (322 4/11 Gunter NC)
- 4820 *0903 R. Paz y Bien, short mx pgn, ID, freqs and NA. This followed by rel px UTE QRM on low side (333 4/26 Jones MS)(gd 4/5 Parks FL)
- 4911 0245 En. Gran Colombia, noticias by OM to 0255. Full ID and sta jingle. Rock mx. Het de Mosquita to 0259 (gd 5/1 Parks FL)
- 4920 0132 R. Quito, LAm pops, ads. Many ID's (232 5/5 Thunberg PA)
- 4977 0040 Rdif. Tarqui-Quito, SS romantic mx px, full ID by OM 0043. Call letters seem to be HC1GH for 990 khz and HC1GHN (or M) for SW. Sig held it's own between the UTE and Ecos del Forbes (4/17 Lobdell NJ)
- 6095 0550 HCJB, EE, lots of mud at Quito airport. Never heard cause of mud (maybe it rained, hi! jc). Reporters continually amazed by huge amounts of mud, but gave no other facts. Mud, mud, mud (aw, come on. Don't beat around the bush! Was it muddy or not? hi! jc)(454 5/4 Halbert CA)
- 9535 2240 HCJB, EE, OM ID. Reg mx (444 4/4 Addison KS)
- 9720 0938 HCJB, GG, OM w/The Way to Salvation!! (443 4/18 Kephart MI)
- 9745 0400 HCJB, EE, rel px. Clear ID from R. Cameroon while HCJB in. Quiet @0430 (523 4/21 Talbot WI): 0230 (444 4/3 Yingling MD):0145 (555 4/12 Addison KS):0230, DKFL (433 4/12 Krist VA):0230 (545 4/9 Fisher WI):0150 (Hill SC)
- 11835 0735 HCJB, EE, "Happiness Is..." listeners letters (454 4/10 Walega OH)
- 11910 0540 HCJB, EE, "Passport": OM interview w/traveler comparing 3rd world countries in Africa and South America, OM reading short story, mx, ID, invite to request new EE sked (434 4/27 Preston CA)
- 15115 0000 R. Nacional, YL reads "Micronoticias" abt Nicaragua (333 4/1 Sable NY)
- 15155 0130 HCJB, "Passport", Pick of the Week, reading from Bible, Today in Review 7/9745 (444 4/8 Desrosiers MA):0230 DKFL (453 4/3 Hesch NY) (oops! All the preceding logs were in EE! jc): 0400 EE (554 4/30 Demitt PA)(454 4/10 Krist VA)(Opitz VA)
- 15295 2130 HCJB, EE, DKFL (434 5/2 Muzyka NY)
- 21477.5 2100 HCJB, GG, switched from EE to GG @2100 (343 5/8 Ashley NC):2130 DKFL (454 4/18 Krist VA):1904 (333 4/15 Ryeder FL)

FALKLANDS ISLANDS FALKLAND ISLANDS BROADCASTING STATION

- 3985 0914 EE, "Breakfast Show", pop tunes, wx, ID's @0930, 1000, het from 3960 (prob Indo)(232 4/10 Wilkins CO):0926 (Thompson CA):*0959 (does this mean they've gone off summer time? jc)(222 4/26,27 Lucas CA)

FALKLAND ISLANDS cont

Set my alarm for this one (and brother, is it worth it! jc)(242 4/8 Rising CA)-tent:best around 0922-0925 (222 3/25 Harvey QUE)(it's very encouraging to note that none of our reporters reported ARO QRM. The word must be getting out. jc)

FRENCH GUYANA FR3

5055 0850 FF, 0850 tone, 0900 electric guitar IS, FF NA. 0902 ID, mx. 0904 pop mx w/OM. 0930 sports(?) phonenumber (443 5/7 Brenesal FL)(353 Robichaud NB) tent(242 4/8 Rising CA)

GUYANAGUYANA BROADCASTING CORPORATION

5950 0915 EE, ad for clothing store, stressing designer jeans. "Song #2 this week", followed by another jeans ad and an automotive parts store ad. End of "Morning Moves(?) (how 'bout 'News'? jc)" pgs- every Thursday. Into local mx. 0925 "This is GBC, it's 6:25. It's time to get up", into instrumental mx (353 4/21 D'Angelo PA):(343 Robichaud NB)(435 3/20 (way too old! jc) Muzyka NY)(232 4/17 Clemmer KS)(333 3/29 Harvey QUE)

PARAGUAYRADIO NACIONAL DE PARAGUAY

9735 1047 LAm pop mx, many ads (343 4/18 Jones MS):co-chan QRM (343 4/9 D'Angelo PA):2301 (333 4/25 Konen WI)

PERU

- 4755 0935 R. Huanta, OM, signal fading up, YL singer w/folklorico ballads, frequent TC's and ID "R. Huanta de Huanta". Some yippy vocals. Peaked around 1010, then faded into nothingness (4/17 Loddell NJ)
- 4790 0416 R. Atlantida, South America songs, TC, "...la meyor musica", ID @0424 (that's the loudest I've heard then yet)(454 4/10 Robichaud):0220, mentions of Iquitos (242 4/27 Gilster NG):0914 (343 4/28 Konen WI)
- 4825 *0959 LV de la Selva, apparent s/on, w/long NA till 1001:30. Then drum solo, followed by opening statement by YL, and complete ID by OM w/freqs and meter bands. Then tlks by OM/YL w/drum mx bridges and occasional jingles, including another ID as "Amigos oyentes de La Voz de la Selva, buenos dias." Generally good lvl today (333 4/22 Cunningham OH)(343 4/18 Jones MS) Jones MS)
- 4840 1039 R. Andahuaylas, ID and TC, "En R. Andahuaylas...", Peruv. mx (332 4/27)
- 4855 1001 R. Pampas, nice lvl w/OM DJ tlks w/ID "En la capital de Huancavelica en Peru en corazon de la central...R. Pampas en los 4855 khz en banda internacional de 60 metros, tropical...por el mundo." Lots of instrumental guitar mx, and harp mx. Faded quickly after 1025 (4/12 Loddell MA)(fr 4/25 Parks FL)
- 4922 1016 Ondas del Titicaca, tlks by OM, ID/TC then into huaynos till faded into the UTEs (4/10 Loddell MA)
- 4951 0110 R. Madre de Dios, OM and YL w/noticias de Latin America. ID @0125, into mx. Splatier de RPTV UTE (fr 4/26 Parks FL):0231* (5/7 Loddell MA)
- 4975 0230 R. del Pacifico, YL/OM anncr. Relg choral mx. Brief harp mx. 0245 OM ID "R. del Pacifico." Am/LAm pops. 0300 TC note, into relg choral and OM tlk (4/30 Witte CA)
- 4996 0338 R. Andina, px of nice Andenan folk vocal mx, w/lots of flutes and yipping vocals. At 0353, ammts by OM w/TC, then ID as "R. Andino de Huancayo." Then back to same nifty mx. fair lvl w/splash off 4990. Actually, was looking for, and expecting R. Bahai! One must be careful to wait for an ID! (322 4/22 Cunningham OH):0401* (333 3/30 Harvey QUE)
- 5015 1041 R. Moyobamba, one clear ID hrd. Under powerful het. LAm pop mx (322 5/5 Jones MS)
- 5030 1018 R. Los Andes, nice px of folk mx w/flutes, ID and freq given @1040. Seems R. Continente not on on Sundays (which is just fine with me, and others who have yet to log this one jc), so best to try then (thanks Chris for the tip! jc)(4/17 Loddell NJ)(322 5/1 Konen WI)(fr 4/11 Parks)
- 5970 0216 UNID, could this be R. America? Hrd Lima mentioned by OM, hvy QRM de BEC 5975 (211 4/13 Desrosiers MA)
- 6115 0813 R. Union, SAM mx w/OM anncr w/infrequent ammts (somewhat unusual, they usually talk more than this (443 4/15 Kephart MI)-(453 4/13 Mahoney FL)
- 6190 1030 R. Oriente, *1030 w/NA. Mx px, huaynos and Vals Criollo. No ID til 1100
- 6903 0131 R. Cortolun, (1/2 moon?) OM DJ w/huaynos, ment of R. Cortolun w/QTH in FL Santa Cruz, Cajamarca DPTD. SSB UTE QRM severe at times (pr/fr 4/8 Parks)

I'll begin Surinam on the next page. I'm typing this while watching the Orioles/Texas baseball game. It becomes hazardous when an Oriole hitter snacks a home run, because I jump and shout, and hit the wrong key on my typewriter! I'm a big Orioles/Redskins/Capitols/Bullets/Blast/Skipjacks fan. I also like Canadian football, and the USFL.

CIRIACUS SES (MA)
4850 0315 DD, Am rock mx (422 4/24 Tilley CO)(323 4/16 Lord CA)(Coyle PA)(Desrosiers

VENEZUELA (Gilster NC)
3225 0216 R. Occidente, slow tempo vocals acc. by guitar. OM w/ID (343 4/16
3275 1000 R. Mara, ID, OM mx, mx (322 4/11 Gunter NC):0232 (433 4/16 Gilster NC)
4760 1034 R. Frontera, usual YV type mx, ID by OM @1035, strong sig but usual
nauseous "beeper" UTE (pr 4/11 Parks FL)
4770 0925 R. Mundial Bolivar, LAm mx w/OM annor. ID as "R. Mundial, la Music de
Venezuela!" @0929 (444 4/20 Kephart MI):0130 (433 4/16 Talbot WI)+4
4780 0205 LV de Carabobo, details on Concurso Miss Primavera", ad for Suzuki, ID
(453 4/3 Robichaud NE)(222 4/11 Desrosiers MA)+2
4800 0351 R. Lara, w/sig-off amts, freqs, NA, 0355* (444 5/1 Gilster NC)+2
4830 0103 R. Tachira, soccer game cmnty (333 4/16 Harris OH)(454 4/15 Mahoney FL)+3
4840 0335 R. Valera, OM w/breathless IDs. Standard LAm vocals (322 4/20 Gilster NC)
4865 0340 LV del Cinaruco, LAm mx. Full IDs by OM many times. Rumbas and boleros
RTTY, bullring fanfare (+ 4/24 Witte CA) (MA)
4900 0310 R. Juventud, EZL mx. Nc w/OM DJ (523 4/24 Tilley CO)(433 4/20 Desrosiers
4970 0026 R. Rumbos, ID as "R. Rumbos, la emissora de Venezuela." Brass mx (333
5/5 Gilster NC)(534 4/24 Tilley CO)
4980 0033 Ebos del Tobreg, end of mx, into vocals w/trumpets (333 5/5 Gilster NC)
4990 0250 R. Barquisimeto, pop mx w/OM DJ (433 4/24 Tilley CO)+2
5030 0320 R. Continente, slow, medium-tempo vocals. OM IDs (353 4/10 Gilster NC)+1
6180 0919 R. Turismo, Valera, 5 songs, 28 ads in 39 min; YWTO TP's @0945 (recording
was 47 sec fast tho)(444 on USB 4/20 Wilkins CO) +4
9660 0252 R. Rumbos, Rumbos jingle, TCs, OM w/LAm pop vocals (443 4/14 Thompson CA)

NORTH AND CENTRAL AMERICA, PLUS THE ISLANDS

ANTIGUA
6040 *0100 DM, EE, mx, cmnty on Hitler's alleged diaries (434 4/28 Thunberg PA)
6085 0500 DM, GG, cmnty (555 4/12 Somers CA):0140 (533 4/21 Tilley CO)
6175 2317 BEC, EE, "Letter From America" w/cmnty on Hu Na political asylum in
USA (444 4/10 McCants AL)(444 4/11 Krist VA):0400 (433 5/2 Gunter NC)+1
9510 0535 BEC, EE, feature on new British novel; "The World Today" @0545 w/cmnty
on US/Sam policy (555 4/14 Kephart MI)
11775 1215 BEC, EE, "Anything Goes", musical variety (333 4/30 Gunter NC)
15105 2328 DM, SS, musical mx featuring GG-type mx (454 4/23 Somers CA)+1
15150 1950 DM, EE, Window on the World: tlk on Soviets (what do you talk about
when you're on a Soviet? hi! jc) mx, border control w/East Germany
(444 4/29 Demmitt PA)
17795 2017 DM, GG, cmnty by OM (453 4/17 Somers CA)(444 4/3 Traver CA)

BELIZE RADIO BELIZE
3285 *0028 EE, s/on w/NA @0028, SS ID, IS, EE ID by OM and into EE px; rox (? jc)
mx; "Marketplace" px w/want ads and lcl events, ad for Marlboro with
theme from the Magnificent 7 (253 4/13 Stephany NY)(233 4/19 Harris OH)

CANADA (Greenwald WI)+1
5960 0300 RCI, EE, mx, sx, wx, OM tlk on Telydon info systems; "Mailbag" (444 4/18
6005 0030 CFCX, Montreal, EE, "Sports Talk". BEC under (343 4/9 Fraser MA)+2 CA)
6030!! 0746 CFCV, Calgary, EE, sx, then ID as CFCN, which it relays (233 4/18 Halbert
6070 0150 CFCX, Toronto, EE, movies and songs famous in the '50s. WYFR *0158 cut
out CFCX complety (433 4/23 Tilley CO)(444 4/13 McDowell IL)+7
6120 2300 BEC Relay, EE, OM mx (443 4/15 Talbot WI)
6130 0507 CHNX, Halifax, EE, Soundtrack of the 60's w/oldies, to CHNS ID @0513;
heavily QRMed by YCNA @6120. Three years I've been trying to get this!
(You should move to Maryland; it's common fodder up here jc)(211 4/17
Schlesinger TX)
6160 0805 CKZU, Vancouver, EE, Canadian mx, sx, BC wx (444 4/18 Halbert CA)(then
again, maybe I should move to British Columbia to snag CKZU! hi! jc)
6195 0548 CBCNWS, EE, pop, C&W mx, CBC mx, PQ wx (544 4/12 Walaga OH)+1
9510 1100 BEC, EE, *1100. Wld mx read by OM, then News About Britian (444 4/28
McDowell IL)(423 4/26 Fleischaker KY)
9515 0000 BEC, EE, wld mx, abrupt end @1709 when YL announced that this freq was
closing. Freq not skedded until May 1st; maybe testing (555 4/29
Demmitt PA)
9590 0000 BEC, EE, wld mx, News About Britian, Radio Nkreel (555 4/26 Hill SC)
9625 1704 CBCNWS, EE, arctic wx/activities by YM(an? jc)(333 4/17 Harris OH)
9755 0200 RCI, mx and SWLD, says SWLD now Fri on 17820, 15190 @2230 to Carribean,
Sat 2135, Sun 1935, and Mon 0200 (to NA)-Fri will be short, but DX mx
not edited (444 5/2 Lucas CA)(CBC 2300 555 4/25 McKinney PA)+4

You'll notice I'm squeezing more logs in- I'm runnin' outta room, after all. May have
dive into USA loggins w/ a chainsaw!

CANADA---Cont.....

- 11850 2230 RCI, EE, As It Happens: Interview w/Argentine mother who says gov't lied about the missing being dead. Imates in NY investing in stocks and bonds. (554 4/29 Demmitt PA)
- 11945 *2130 RCI, EE, mx, "SWLD" (book review, test reports on the modified ICR-70 by L. Magne (who really knows his stuff jc) DX mx from Hauser) 2158* (444 4/9 Krist VA)
- 11955 1430 RCI, EE "Sunday Morning" (I can't decipher the rest of your log Bill, oh well! jc) (443 4/17 Miller CA) (454 4/22 Fleischaeker KY)
- 15190 2300 RCI, SS, OM mx; mentions many Latin Countries, including Islas Malvinas (444 4/3 Traver CA) Krist VA)+1
- 15260 *1800 RCI, EE, mx, wx, sx on the African Svc. "Spectrum", 1829* (444 4/25
- 15325 1642 RCI, EE, mx, sx, wx (343 4/17 Harris OH) (555 4/17 Ryeder FL)+1
- 17820 2147 RCI, EE, OM-record "You're Always Late", Lydia Taylor Band (that's just the song you should give to your local postmaster, or bus driver, hi! jc) (433 4/3 Traver CA)
- 17875 2148 RCI, EE, African Svc, "Music Shop" (4/10 Karns OK)
- 21695 *1544 RCI, EE, "RCI welcomes you to this mx bc to Europe" by YL, "now the mx" (and now's the time to tune out, hi! jc), item on nuclear project with Korea, 1559* (343 4/16 Krist VA)

COSTA RICA

- 4832 0655 R. Reloj, mx and tlk by OM DJ (533 4/29 Tilley CO)
- 5055 0256 Faro del Caribe, EE, OM w/relg mx. QRN and het (232 4/11 Rising CA)+2
- 6006 1000 R. Reloj, px of mx w/paseo slogans and many IDs, also they live up to their name by time checks w/H;m;s given along w/a clock ticking. Haven't heard their 4832 outlet on recently (545 4/16 Stephany NY)+1
- 6074 *1001 R. Rumbos, s/on suddenly w/mx, then ID by OM "...ustedes siempre a R. Rumbos, CCAM, Cartago, Costa Rica"; saludos, into continuous mx w/TC in every ann by OM, then into FERIA MEXICANA at 1030 (353 4/24 Stephany NY)

CUBA RADIO HAVANNA CUBA

- 9500a 0358 EE, discussion on stamps (555 4/10 Karns OK)
- 9525 0120 EE, OM ID, mx and sx reports (444 4/5 Addison KS) (433 4/26 Hahn CA)
- 9545 0255 EE, YL cmnty on El Salvador (545 4/7 Fisher WI)
- 9550 0150 EE, OM ID, mx and mx (444 4/3 Addison KS)
- 9895 0946 OM w/ID @0946 into Latin jazz mx (555 4/18 Kephart MI)
- 11690 2115 EE, about Cuban TV and movies shown in Cuba (444 4/17 Fraser MA): NFP? (433 4/10 Schlesinger TX)
- 11700 0228 "Panorama Mundial", ID, IS, mx. On weekends DOM is on 11700 but for some time now. I've noticed Cuba on here during the week; at 0500, RFI starts on 11700. Noticed by monitoring RSI's 11705 (444 4/28 Munster GA)
- 11725 0715 EE, "Cuba and the World", interview w/rep. of Grenada (433 4/23 Manning)
- 11760 1350 "Poema y Musica" (333 Sable NY) (433 4/16 Lord CA) (444 4/6 Opitz VA) TX)+1
- 11930 0145 EE, pgm commemorating "Vietnamese Victory" over U.S. on 4/30/ +4 75. Mx and fictional story of young Viet girl's thoughts during the last days of the war (222 5/3 Ashley NC)
- 11990 1835 FF, NFP Political cmnty to 1840 by OM (353 4/23 Jones TX) 4/30 English TX)
- 15230 2258 ID @2500 and other freq info, int'l mx, editorials-Reagan included (322
- 17705 1648 mx abt Cuba, then mx feature by usual OM (444 4/16 Harris OH)

DOMINICAN REPUBLIC

- 11700 0000 R. Maximo Gomez via R. Clarin, freqs, ID, El Show de Pitu comedy pgm, Cuba para nos cubanos (444 4/15 Spremu NY) (hope I spelled your name right, but your log was tough to read jc)
- 11700 2209 LV del CID, SS/EE, relay of bland LV del CID. Listing in SS of stas, freqs for these b'casts. Anti-Cuban sayings. EE IDs by R. Clarin @2209 and 2221 (433 4/26 Drollinger WI) (how am I doing so far, Rick? jc): unnced //4850 (I heard this too on a recent CID bc. Is 4850 a reactivation of R. Clarin, or were they ever here, or who's relaying off 4850? jc) (454 4/30 D'Angelo PA): 1755 (343 5/9 Spremu NY)
- 11700 2345 R. Clarin, EE ID @0010, "This is R. Clarin, broadcasting on 11.7 mhz, 25 meters and 4850 on the Tropical Broadcasting Band (aha! So they are on 4850! jc). Gateway of the Fertilization to the New World. Lam mx (454 4/20 MacGibbon Or) (333 4/16 Lipman NY) (222 4/8 Greenwald WY)+2

GRENADA RADIO FREE GRENADA

- 15045 2228 EE, OM (deep voice) playing New Orleans jazz (don't let WRNO find out... after all, they have the market cornered on New Orleans jazz! hi! jc) (322 4/3 Traver CA)+8

ONE PAGE TO GO!!

GUATEMALA

- 3325 1100 R. Maya de Barillas, 1100-children sing w/organ (I didn't know organs could sing, hil! jc). 1105-cock crow; ID. 1106- OM over organ mx. 1109-music fades, OM sermon (333 5/5 Brenesal FL)
- 3370 1016 R. Tezulutan, tlk by OM in Indian dialect w/3 IDs noted; vocal mx, then marimbas after 1025; only sig on an otherwise dead 90 meter band this AM (4/27 Lobdell MA) Speer CA)
- 4835 0203 R. Tezulutan, mx, OM w/ID, clobbered by AROs abt 0210 (huh?)jc(333 4/21

HONDURAS

- 4781 1031 R. Juticalapa, many comls, ID, ranchera mx (333 5/2 Jones MS)
- 4820 0304 HRVC, EE, "Hour of Decision". Full ID, QRN (242 4/4 Rising CA)+3

MEXICO

- 6020 0429 XEUW, end of rx. ID as "La U de Veracruz". Several comls and into mx plus 6 other reports, incl XEUJ-5982t @1652 Schlesinger TX) (353 4/23 Jones MS)

MONTSERRAT

- 11705 0501 DW Relay, EE, mx and cmnty (423 4/21 Tilley CO)

NETHERLANDS ANTILLIESshortened version due to space

- RADIO NETHERLAND RELAY--- 6165 @0230 from 6 reporters
- 17695 @2030 from 9590 @0230-0319 from 5 reporters
- Ryeder FL 9715 @0530-0545 from Talbot and Thompson
- 21685 @2030 from Fraser 9775 @0828 in DD from Kephart MI
- TRANS WORLD RADIO and Manning

9535 @0356-0530 from 6 loyal reporters;;;9560 @0818 in PP from Kephart;;;9775 (RNeth) @0828 from Kephart;;; 11815 @1330 from 3 reporters;;; 15440 @2330 in PP/GG, Talbot WI

NICARAUGA

- 5950 0101 LV de Nicaragua, EE, some het. Frequent ID's, mx, Mailbag px (422 4/30 Brenesal FL)(434 Konen WI)(0430; 4/29 Sill MA)(433 4/27 Pamularo NJ) (welcome back, Ralph! jc)(Mahoney FL)(Preston CA)(D'Angelo PA)
- 6120 0354 R. Zinica, Ranchera mx- "R. Zinica presenta la musica de..."(444 4/26 Jones MS):0506* (4/21 Lobdell MA)

UNITED STATESREALLY TONED DOWN DUE TO SPACE...if you want a copy of the logs, drop me a SASE

CLANDESTINES

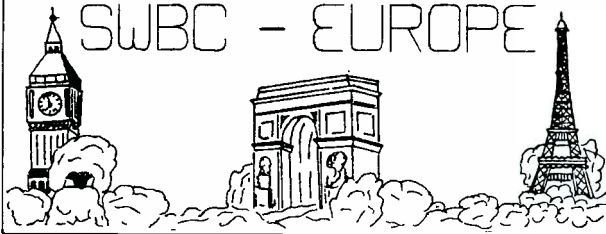
- 5750 0410 LV Libre de Nicaragua, OM/YL w/political tlk. ID "From the heart of the mountains of Nicaragua" in SS (253 4/4 Rising CA)
- 5960 0433 R. Clandestine/R. Vanguard Int'l, (sorry Rick, have to edit your mile-long report. Too bad, it's a good one jc) Clandestine s/off @0442, Vanguard s/on @0444. DW QRN w/Vanguard, s/off @0456, left DW alone. (344 for both, 5/3 Drollinger WI)
- 6206 0236 R. Venceramos, Rev. tlks, flute interlude. Full IDs, 0312* (4/26 Konen)
- 6200 0615* R. 15 de Septiembre, speeches against "sand-men". IDs and off after NA (433 4/30 Konen WI) Konen WI)
- 6200 0519* LV de Sandino, SS, then EE speeches against Sandinista regime (333 4/30)
- 6226 0421 LV de Nicaragua Libre, tlk and mx, shouting by YL and OM w/frequent ID's (434 Harvey QUE)
- 6895 0214* LV de la Libertad, (sorry Larry, but I have to chop yours down, too jc) New Nica. cland? Anti-Sandinista. OM "Comandante Juan Carlos" giving instructions to banderas in the field. Hrd sporadically. Anyone have the scoop on this one? (333 4/15 Cunningham OH)
- 6890 *1215 R. Venceramos, FMLN NA and IDs by OM and YL w/complete sked, FM, then into FMLN tx on how their "freedom fighters" are coming with their B.S. (253 4/16 Stephany NY)
- 7000 0523 R. 15 de Sept., IDs and rev. mx. Anti-Sandi tlk (333 4/25 Konen WI)+1

Well, that's it. I welcome your comments on my efforts thus far. I also ask that from now on, do not submit any logs that are outdated, or are incomplete, because I will not print them. Space is quite limited. We had a good crop of first-time reporters. Keep it up! I also promise to answer some of those letters, but it may take a while, since my senior finals, while have passed by the time you read this, are coming up. My job also boggs me down on weekends. Well, gee...what else can I say? Look for Chris Hansen's new Question and Answer feature in Art Getzel's pages. Vote in the upcoming elections, and support SPEEK in any way you can. So, until later, I'll see you later!

73's

John Griffin
W0X3JAC

SWBC - EUROPE



EDITOR

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

As mentioned last month, here are some guidelines I will be using for the column: 1) Remember to include the date--"/" before your name means none was received; 2) No loggings dated earlier than 2 months before the column's issue date will be used--i.e., only April and May loggings were used for this June column; 3) Try to include some program detail of what you heard, not just "OM w/mx & nx"--when reporting an unusual or rare logging, be especially sure to include enough detail to indicate how you ID'd it; 4) Report loggings of relay stations to the column covering the location in which the relay facility resides--I know many of you do not have the information to identify these, therefore I try to sort out non-European sites with the best information I have available; 5) The SPEEDX column list will be used for all loggings, but feel free to include a sub-QTH if you know it, such as RAI Caltanissetta or R. Moscow via Minsk; 6) Use SPEEDX or similar type logging forms, cut into strips about 1" wide--however, it's OK to use a postcard for direct reports to me.

ALBANIA Radio Tirana

- 5020 0350 RT Gjirokaster; Albanian w/off-key folk melodies, ID @0400, //5057 but stronger, 353(4/22 Mahoney-FL) man conducting calisthenics to mx @0425, 444(4/17 Hancock-AL) 232(4/10 Gilster-NC) ID 0530, nx w/OM & YL, 222(4/10 Schachat-NH)
- 7065 *0000 RT; s/on w/NA, news in EE on May Day celebrations, IS tape played over YL's talk at 0007--not as boring then, 433(5/3 Demmitt-PA) 545(5/1 Cleveley-NY)
- 7120 0130 RT; EE cmtry on observance of the 4/7/39 invasion, bad QRM de GW, 332(4/7 Stanley-AZ) cmt on Yugoslavia, 434(4/21 Van Horn-TX)
- 7300 *0330 RT; EE w/"This is Radio Tirana", bad QRN, 232(4/22 Pacetti-CO) nx, anti-US cmtry, 433(4/18 Golab-IL)
- 9750 0230 RT; EE w/ID by YL, nx by OM, QRM de HCJB-9745 & RCI-9755, poor(5/3 Grijalva-AZ)

AUSTRIA Osterreichischer Rundfunk

- 5945 *0130 ORF; EE w/"Report from Austria", "Austria & UN Report", 0154*, 433(4/14 Krist-VA) 433-554, various dates 4/9-5/8 (Mathew-MA, Spremo-NY, Card-RI, Coyle-?, Robinson-TN, Fraser-MA)
- 6155 0900 ORF; EE w/"Shortwave Panorama" & pgm on searching for ET's via radio astronomy, 444(5/1 Arland-?)
- 9655 0430 ORF; EE w/tlk on local politics, US tourists(1/3 come from CA), 0455*, 322(4/23 Preston-CA) 444(4/16 Valentine-CA) (4/11 Stanley-AZ) 332(4/21 Pacetti-CO)
- 9770 0130 ORF; EE w/pgm on general elections, 323(4/21 Mathew-MA)
- 11665 0430 ORF; EE to 0500 w/new 500kW xmtr, nx about new xmtr & 3 new antennas, ID de Elizabeth Lane, 444(5/5 Hull-WA)
- 11685 0410 ORF; GG w/nx & tlks, 544(5/6 Miller-CA)
- 15115 2330 ORF; GG w/class. mx, ID at 2341, 353(4/6 Robichaud-NB)
- 15200 0115 ORF; SS w/DX show on Austrian regional network stations, 353(4/28 Mahoney-FL)

BELGIUM Belgische Radio en Televisie

- 9880 0030 BRT; EE w/bicycle race nx by YL, IS ID in Flemish 0110*, 434(using a micro for your rpts, Tom? Nice!-MK)(4/12 Sable-NY) 333-545, EE pgms, dates 4/8-5/3(Card-RI, Taylor-SD, Krist-VA, Robinson-TN, Manning-TX, Demmitt-PA)
- 17610 1410 BRT; EE w/focus on yacht construction industry, mx by Linda Ronstadt & Blondie, 1444*, 434(4/1 Schulsinger-OH) w/tlk about horses, rarely audible at my QTH, 243(4/18 Rising-CA) 454(4/21 Mahoney-FL) 353(5/5 Spremo-NY)

BULGARIA Radio Sofia

7255 0430 RS; EE w/world nx & cmtry, OM/YL ancrrs, 545(5/1 Cleveley-NY)
 9700 2237 RS; EE w/nx on Canadian protests of US cruise missile tests,
 223(4/16 Lipman-NY) 333(4/10 Greenwald-NY) 252(4/17 Pacetti-
 CO) in EE @2315 w/tlk on history of Sofia, 423(4/16 Talbot-
 WI) 0000-0059* w/EE pgms, 333-454, 4/5-4/25(McKinney-PA,
 Shryock-MO, Van Horn-TX, Stanley-AZ, Opitz-VA, Fraser-MA)
 11720 2125 RS; FF w/pgm on silvaculture & sports nx, //9700 covered by
 VOA, 444(4/4 Robichaud-NB)
 11860 0450 RS; EE "Youth Magazine", blasted by co-channel BBC, 222(4/22
 Mahoney-FL) @0420 w/history pgm, 555(4/27 Hancock-AL)
 15110 1910 RS; EE w/letters from listeners, tlk on oil & trade, 333(5/7
 Weikel-MI) @2300 in EE w/sports nx, "Culture in Review",
 Soviet choir, 433(4/29 Demmitt-PA)

CZECHOSLOVAKIA Radio Prague

6015 *0300 RP; EE w/"Hello everyone & welcome to Radio Prague" by YL,
 nx, mailbag, 333(4/21 Krist-VA) tlk on auto safety to pre-
 vent accidents, 343(4/11 Stanley-AZ)
 7345 *0100 RP; EE to 0157*, 333-555, 4/8-5/1(Brewer-AR, Coyle-PA, Wal-
 ega-OH, Van Horn-TX, McDowell-IL, Cleveley-NY, Stanley-AZ,
 Robinson-TN) *0300-0357* in EE, 243-444, 4/5-5/3(Greenwald-
 WY, Tilley-CO, Preston-CA, Ashley-NC)
 9630 2354 RP; class. mx w/ann. in 4 lang.(EE, and I believe FF, SS, CZ)
 wiped out at 2354 by Spain, 444(4/7 Opitz-VA)
 9740 0310 RP; EE w/cmtry on US-Israel relations, feature on a novel-
 ist, 222(4/30 Hahn-CA) @0100 in EE, 333(4/18 Stanley-AZ)
 11990 0130 RP; EE w/trade unions pgm, "Sports Roundup", 555(4/12 Krist-
 VA) @0140 //9740 & 9630, 343(4/18 Pacetti-CO)

DENMARK Radio Denmark

11715 *2300 RD; s/on in EE/DD, OM mentioned they bcst only in DD, then
 into DD pgm, 222(4/17 Greenwald-WY)(4/15 Harris-OH) @0000
 in DD w/domestic nx by YL, 545(Card-RI)
 15165 1955 RD; IS w/OM in DD/EE "This is Radio Denmark, Copenhagen,
 Denmark" bcst to Pacific, *2000 w/EE ID and into DD, 444,
 (4/11 Drollinger-WI)

FINLAND Radio Finland

11755 0457 RF; Finnish?(Ralff, Peggy T. has sked & says lang. isn't
 indicated--would also guess Finnish-MK), ID in EE "This is
 the Finnish BC Co.", IS, 333(4/28 Munster-GA) @0830 in EE,
 555(4/23 Zimmermann-FRG)
 15400 1203 RF; EE w/Nordic nx, interview, ID at 1224 before s/off, bad
 QRM de 15395(station?-MK), 322(4/18 McDowell-IL) @1300 in
 EE w/"Northern Report", 333(4/21 Van Horn-TX) 433(4/18
 Coleman-MA) EE *1400-1430*, reading excerpts from novel w/
 mx interludes, covered by BBC Ascension @1429, 232(4/17
 Preston-CA) tlk on opening of bear season, 423(5/6 English-
 TX) 545(5/11 Cleveley-NY)
 17800 1200 RF; EE w/nx & discussion on marriage, //15400 has QRM de
 R. Beijing, 555(4/20 Card-RI) @1409 in EE w/wheated nx and
 cmtry on Soviet subs in restricted waters(were they anti-
 USSR, John? Surprised they wud be with an economy heavily
 tied to USSR-MK), 444(4/29 Demmitt-PA)
 21465 0900 RF; EE w/recordings of bird songs from Finland, weekly pgm
 review, 354(5/1 Trent-AK)

FRANCE Radio International

6045 1900 RFI; GG w/lang. course, 555(4/20 Zimmermann-FRG)
 7135 0400 RFI; FF w/phone-in pgm, continuous lively mx, 444(4/17
 Stone-ON) @0614 w/YL DJ, song "Shame on the Moon" instrumen-
 tal version(?/ -Kephart-MI)
 11700 0555 RFI; FF w/freq. ancmnts, accordian mx, ID's, nx on Austrian
 election, 454 'till DW IS on 11705, then 444(4/25 Munster-
 GA)
 11770 1036 RFI; FF w/FF version of song "Africa", ID, 242(4/1 Robi-
 chaud-NB)
 15300 1635 RFI; EE w/"Paris Calling Africa", 323(4/15 Harris-OH)
 15315 *1600 RFI; EE w/ID by OM & PCA pgm, poor(Jeff, "111" SIO indi-
 cates totally unuseable signal w/extreme QRM; is that what

you really mean?-MK)(4/10 Greenwald-WY) @1642, 443(5/8 Spremo-NY)
17620 *1600 RFI; EE to Africa pgms to 1700*, 444(5/3 Muzyka-NY)(4/9 Stanley-AZ)(4/25 Krist-VA)

GERMAN DEMOCRATIC REP. Radio Berlin International

6115 1900 RBI; GG w/youth magazine, nx, weather, 555(4/26 Zimmermann)
9560 *0229 RBI; EE w/nx, cmtry on value of education, "Pop Corner", 333(4/14 Krist-VA) QRM de unid. stn, 332(4/10 Stanley-AZ) to 0315*, 444(4/17 Hull-WA) @0250 mixing badly with R. Sofia SS LA Svc., 222(5/4 Mahoney-FL)(5/2 Cleveley)(4/15 Miller-CA)(4/6 Card-RI)
9620 2115 RBI; EE w/usual propaganda, GG 2130-2200, into SS at 2200, 535(Peter, doesn't moderate interference call for a less than excellent overall rating?-MK)(4/6 Card-RI) @0050 in SS w/int. nx, 343(5/5 Jones-TX)
11975 *2315 RBI; EE to 2356*, 333(4/28 Krist-VA) 433(5/2 Demmitt-PA) @0000 s/on to 0044* in EE, 333(4/12 Krist-VA)(4/23 Deinet-NJ)

GERMAN FEDERAL REP. Deutsche Welle, RFE/RL, Sudwestfunk, RIAS

3985 0205 RL; RR w/nx, tlk by OM, Ham QRM, 422(4/25 Soomre-MA) OM, how did you ID this one?-MK
3995 0145 DW; GG w/ID at 0200, bad QRM de hams, 232(4/11 Desrosiers-MA) @0329 w/birthday greetings, 333(5/1 Gilster-NC)
5789.7 0230 RFE; Georgian in USB--listened for over 1 hour before I got ID! 343(4/16 Desrosiers-MA) Sounds like a feeder xmn, OM; utility xmns, according to SPEEDX definition in country list, include all SSB xmns so technically not SWBC--however, R. Japan SSB tests definitely intended as SWBC--will check this out.-MK
6005 2245 RIAS; GG w/waltz mx & ID at 2258, no R. Reloj or BBC--what happened? 232(4/25 Mahoney-FL) FB, Mike! WRTH shows Munich xmtr in use at this time-MK
6085 1700 Bayerischer Rundfunk; GG w/piano IS X3, ID "Guten haben, Meinen Herren. Hier ist der BR", TC, gong, into nx(4/23 Smallwood-FRG)
7265 1805 SWF; GG w/"Music Hall", Radio Club 2105, 555(4/27 Zimmermann-FRG)
8824 0834 DW; GG--IS, dead air, IS, then ID @0835, OM tlks, then s/off 0839(formally or pulled plug?-MK), probably a test of some sort...I checked for images, too! 232(4/21 Kephart-MI)
Possibly a xmtr error, Tom. Anybody else?-MK Had to cut most DW logs due to lack of space.

GREECE Voice of Greece

9420 0335 VOG; mx, GK tlk, nx in EE, back to GK, 333(4/4 Opitz-VA)
9865 0135 VOG; EE nx to 0140, then GK mx & into GK, //15050, 12045 announced; also EE 0340-0349, 333-544, 4/2-4/30(Hill-SC, Shryock-MO, Cleveley-NY, Stanley-AZ, Tilley-CO, Konen-WI, Ryeder-FL)
11645 1915 VOG; GK mx, EE nx at 1920, FF pgm at 1930, 444(4/16 Muzyka-NY) in GK at 2150*, 433(4/7 Hill-SC) 0050-0120 in GK, ID "Edo Athene"(4/24 Hull-WA)
15050 1526 VOG; beautiful GK mx until GK/EE ID at 1540 "This is Athens, here is the news in English", 1550*, 353(4/30 D'Angelo-PA)
17565 *1541 VOG; EE "You're listening to the VOG, this pgm is intended for listeners in N.A." nx by OM, 1549*, 454(4/16 Krist-VA)

HUNGARY Radio Budapest

9585 *0100 RB; EE to 0130*, also *0200-0230*, 333-545, 4/1-4/30(Worob-TX, Pacetti-CO, Stanley-AZ, Weikel-MI, Cleveley-NY, Addison-KS, Fisher-WI, Somers-CA, Krist-VA, Opitz-VA, Robinson)
11910 *0100 RB; EE w/"Int. News Room", "Fast Facts", 333(4/20 Krist-VA)
17710 *0200 RB; EE, IS & s/on, EE nx by YL, 343(4/29 Soomre-MA)

ICELAND Iceland State Bestng. Svc.

13797 1955 ISBS; IC, man tiking, class. mx, ID by YL, IS at 1959 & ID, nx? by YL, 2003*, poor(5/1 Grijalva-AZ) @1915 w/tlk & occ. mx by OM ancr, played Lennon's "Imagine", 212(QRM from ?-MK)(4/24 Tilley-CO)

IRELAND Radio Dublin International

6910 0120 RDI; EE OM DJ w/golden oldies mx, telephone conversation w/ YL rock fan w/thick brogue, good(4/21 Parks-FL) heavy RTTY QRM @0100(4/27 Card-RI) pop mx & ID as "Radio Dublin", 0300, weak but in the clear, 242(4/22 Cunningham-OH)(4/30 Brenesal-FL) 0535 non-stop Johnny Cash album cuts, ID nx headlines at 0600, 333(4/21 Mahoney-FL) 0526 results of poll on what Irish citizens thought of gov't, OM sings over the chorus on 2 songs (too much Guinness?-MK), 312(4/11 Drollinger-WI) 0710 New Wave mx, ads, 352(Spremo-NY)

ITALY RAI

7275 *0330 RAI; RR w/OM nx, IS, 245 degrees backwave, 333(5/2 Munster-GA)
 9575 0110 RAI; EE w/YL nx on rowing contest--she read very slowly, sounded sick!(this ancr has been dubbed "The Countessa", sends Ralf Munster; can you imagine a duo w/Joe Adamov?-MK) 444(Coleman-MA, 5/9) EE *0100-0120* //11800, 333-555, 4/13-4/28(Talbot-WI, Stanley-AZ, Card-RI, Van Horn-TX, Clevelley-NY, Weikel-MI, Fraser-MA, Harris-OH, Coyle-PA)
 11800 0128 RAI; FF, class. mx to 0135, very hoarse YL w/ID, s/off 0136, 343(5/1 Thompson-CA) @0105 EE, 333(4/15 Addison-KS)
 15330 0425 RAI; EE nx by YL, into IT w/OM ancr at 0435, 444(4/29 Hancock-AL)
 15385 1845 RAI; II mx & intros by OM, varies 333-444 w/QRM de BBC in RR on 15390(5/2 Munster-GA)

LUXEMBOURG Radio Luxembourg

6090 2300 RL; EE w/inst. mx, "Station of the 80's" jingle, OM ID, TC (4/23 Smallwood-FRG) 0000-0030 in EE w/Top 40 format, ancres like US DJ's, 323(4/20 Muzyka-NY) w/offer for photos of the DJs(how humble-MK), 222(4/22 Lipman-NY) @0125 w/QRM de DW on 6085, 322(4/28 Thunberg-PA)

MALTA (as given)

6110 2230 Radio Mediterranean; EE to 2330*, nx-weather-rock mx-sports, 212-443, 4/7-4/28(Hill-SC, Deinet-NJ, Card-RI, Harris-OH, Smallwood-FRG, Brenesal-FL)
 9515 *2030 Int. Christian Radio; EE s/on by YL, "Good Music Radio Broadcast", "100 Huntley St.", s/off at 2115, many IDs, 444 (4/11 Stephany-NY)(4/10 Schulsinger-OH)
 9590 0100 DW Relay; EE pgms, //9545 & 9565, 453-555, 4/2-4/26(Pacetti-CO, Opitz-VA, Addison-KS, Krist-VA)
 15105 0146 DW Relay; EE s/off anmts, sked, "This is Radio DW transmitter in Malta", 343(4/21 Speer-CA)

MONACO Trans World Radio

9495 0700 TWR; EE relig. pgms, f/o into noise by 0730, 353(4/16 Card-RI) @0830 in EE w/"Hour of Revival", sermon on "Temptation, Desire, and Sin", QSL add., 444(4/17 Arland-UK)
 11690 0440 TWR; EE OM relig. pgm, ID w/Monaco address, 0446*, QRM de co-channel FSK, 333(4/28 Munster-GA)

NETHERLANDS Radio Nederland

5955 0930 EE w/Larry Hagman interview, nx(4/26 Smallwood-FRG)
 6020 1330 RN; EE pgms, "The Wednesday Report", 555(4/20 Zimmermann-G)
 17605 1430 RN; EE nx & review of "Gandhi", flutter @1450, 433(4/19 Duguay-MA)

NORWAY Radio Norway International

11850 2000 RNI; EE w/nx by YL, //11870 about the same, 454(4/10 Card)
 11860 2300 RNI; EE pgm about an airline, YL ID, 222(4/17 Greenwald-WY)
 11870 2300 RNI; EE w/mailbag, discussion of SAS airline uniforms & colors(there's the one, Jeff!), 343(4/17 Pacetti-CO).
 15175 1700 RNI; EE "Norway Today", tlk on shipbuilding, into NW @1730, 333(4/10 Stanley-AZ) special religious service pgm in NW, ancd in EE, 1731-1746, 454(4/10 MacGibbon-OR)
 17840 1700 RNI; EE nx, 10 min. of which was spent on sub in Nor. waters, nx followed by tune "Yellow Submarine"--really!, 433 (5/1 Demmitt-PA)

POLAND Radio Polonia
 7125 2300 RP; Polish w/lots of organ mx for a change, easiest freq for reception so far, 434(Card-RI)
 9525 0209 RP; EE w/nx, tlk on WW2, Polish chorus, 322(5/8 Spremo-NY)
 11815 0200 RP; EE w/nx, DX club, KO'd at 0225 by QRM de 11820 SS and 11810, 342(4/21 Stanley-AZ) @0224, EE to N.A., bad QRM, a poor freq selection, 323(4/28 Konen-WI)

PORTUGAL Adventist World R., Radio Renascenca
 9670 0800 AWR; EE "World DX News" w/pgm on bcstng on Johnston Is.(4/24 Smallwood-FRG)
 9680t 1950 RN; PP, no ID hrd, mx, relig. message by YL @1957 to abrupt s/off @2000, 444(Harvey-PQ)
 11730 *2330 RN; PP, ID, mx, to S.A., OM/YL ancrs, 443(4/17 Hesch-NY)
 No room this time for Radio Portugal loggings-MK

ROMANIA Radio Bucharest
 9510 0200 RB; EE, mostly int./domestic nx, forget //6155 & 5990 due to QRM, 455(4/6 Card-RI)
 9550 0230 RB; EE to 0230, //11940, nx on World Congress for Youth Affairs, 423(4/19 Deinet-NJ)
 11810 0215 RB; EE YL & OM, mx, bad static but ID hrd, 242(4/18 Pacetti-CO)
 17720 1300 RB; EE w/freq sked & nx, //15250, 322(5/3 Zilmer-NM)

SPAIN Radio Exterior de Espana
 9360 2300 REE; SS ID & nx w/alt. OM/YL, 343(4/19 Talbot-WI)
 9630 *0000 REE; EE pgms to 0140, //11880, 4/2-4/18(Harris-OH, Opitz-VA, Fisher-WI, Stanley-AZ, Ryeder-FL, Addison-KS, Van Horn-TX) EE 0530 to 0629 wipe-out by RN, 333(4/23 Preston-CA) (4/10 Blanchard-WI)
 11880 *0000 REE; EE pgms, 444-555, 4/5-5/3(Fraser-MA, Stanley-AZ, Addison-KS, Greenwald-WY, Van Horn-TX, Pacetti-CO, Cleveley-NY, Desrosiers-MA)
 15375 2000 REE; EE to Africa/ME, splatter de WYFR 15365, 333-555, 4/9-4/29(Hancock-AL, Demmitt-PA, Stanley-AZ, Thompson-CA)

SWEDEN Radio Sweden International
 9695 0230 RSI; EE OM tlk on bee-keeping, film censorship, 333(4/3 Cox-CA) EE pgms, 4/11-4/19(Stanley-AZ, Pacetti-CO, Fisher)
 15270 2300 RSI; EE w/mailbag, //11705, 333(5/1 Zilmer-NM)
 15420 0230 RSI; EE nx, cmt on theater, //11705, poor choice of freq, 333(5/5 Zilmer-NM)
 17790 1400 RSI; EE pgms //17845, 232-444, 4/17-5/3(Zilmer-NM, Weikel-MI, Fraser-MA, Demmitt-PA)
 17845 1400 RSI; EE mailbag, nx, //17790, 222(5/1 Zilmer-NM)

SWITZERLAND Swiss Radio International, Red Cross Bctng Svc
 6135 0145 SRI; EE world nx, "Dateline", 444(4/21 Van Horn-TX) 322 (4/6 Stanley-AZ) 222(4/18 Harris-OH)
 7210 0600 ICRC; EE Red Cross nx, bad ham QRM, FF nx @0530 was 333, 222(4/25 Mahoney-FL)
 9725 0146 SRI; EE pgms, also 0433-0500*, 322-444, 4/9-4/26(Fisher-WI, Somers-CA, Spremo-NY, Preston-CA)
 11715 *0144 SRI; EE pgms, 332-444, 4/10-5/1(Hull-WA, Opitz-VA, Stanley-AZ, Krist-VA)
 15305 2155 SRI; EE "Dateline", 353(4/11 Welch-MA) @0145 in EE, 454 (4/11 Stanley-AZ)
 17830 *1529 SRI; EE YL ID, 1559*, 333(4/25 Krist-VA)
 21570 1315 SRI; EE SW Merry-go-Round, 453(4/25 Hesch-NY) I agree w/ your comments on band overcrowding, Ruth--stations using multiple freqs in same band for same area particularly "get" me-MK

U.S.S.R.

No room this month! There may be some news next month concerning a proposal by your ed. for improving the usefulness and value of USSR logging reports as given in this column...stay tuned.-MK

Not much sense in trying to fit U.K., Vatican, Yugoslavia into $\frac{1}{2}$ " either! Any comments re elimination of state ID after name credit? Wud save space, but you wud have to check Contributors List for state. 73, MK



SHORTWAVE AFRICA



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

Boy, talk about getting a column done under the wire. I hope this one makes it. I was called out of town at the beginning of this week (the 16th) and I hoped to finish the column before I left. I didn't. As promised, we have skeds this month for Ethiopia, Kenya and Mozambique. Next month, look for a discussion on Afro instruments from SPEEDXer Dave Sharp. Only five pages this month. If you like what you see and want more, write to HQ and tell them! I could easily fill seven or eight pages with info each month. We had to really cut some logs this month to fit everything in. I'm planning to attend ANARC in D.C. this summer. Are you?

VOICE OF REVOLUTIONARY ETHIOPIA

NATIONAL SERVICE: 7110, 5990 and 873 kHz.

Transmission Times: 0330-0600 (not Sun.), 0400-0800 (Su.), 0900-1030 (not Sat/Sun), 1000-1300 (Sat.), 1000-1400 (Sun.), 1500-2000.

Programs: in Amharic unless otherwise noted

0330-0345	Opening anmts, px preview, and nx (not Sat.)	0400-0410	News (not Sun.)
0420-0445	Police px (Tues.), Armed forces px on Thursday	0400-0500	Px in Oromo (Sun.)
0500-0510	Opening anmts, nx (Sun.)	0500-0600	Px in Oromo (not Sun.)
0700-0800	Armed forces px (Sun.)	0900-0915	Opening anmts, px preview, nx (ex.Sat/Sun)
0915-0920	Press review(ex. Sat./Sun.)	0940-0945	Px preview(ex.Sat/Sun)
0930-0940	News (not Sat./Sun.)	1200-1230	Police px (Sat.)
1000-1010	Opening anmt,nx (Sat./Sun.)	1600-1700	Px in Oromo
1500-1600	Px in Tigrigna(nx til 1510)	1800-1815	Provincial nx
1700-1715	Opening anmt, nx,px preview	1955-2000	Nx review.
1900-1905	Nx summary		

EXTERNAL SERVICE: 9560, 7165 and 990 kHz (announced), 1200-1800. 9595 kHz from 1800-2000 GMT.

1200	External svc opening anmts	1200-1300	Somali-East Africa
1300-1400	Afar-East Africa	1400-1500	Arabic-East Africa
1500-1600	English-East Africa*	1600-1700	Amharic-East Africa
1700-1800	French-East Africa	1800	Closing anmts
1800-1900	Transmission in Somali by "Radio Halgan"	1900-1930	English "Voice of Namibia SWAPO px
1930-2000	English-Southern Africa, R. Congress		Freedom by African National Congress

*English sked for 1500-1600 slot:

1500-1505	News in brief, px preview	1505-1510	Press review (ex. Sat/Sun and Monday)
1530-1540	News		
1540-1555	Features (not Saturday)		(BBC Monitoring Service)

VOICE OF KENYA

NATIONAL SERVICE (in Swahili), 0300-2010 (not Sat/Sun), 0300-2110 (Sat), 0330-2110 (Sun).

0300	Sign-on, 4915/4885 kHz.	0315-0320	News summary (not Sun.)
0330	Sign-on, Sundays	0400-0415	News
0600-0615	News	0620	Freq change: 7140 kHz
1000-1015	News	1330	Freq change: to 4915 & 4885 kHz
1400-1415	News	1700-1730	Weekly review of nx
1600-1615	News	1830-1900	Weekly press review on Sat., "The World This
1800-1815	News		
2000-2003	News summary (not Sat/Sun)		

2010 Sign-off (not Sat/Sun) Week" on Sunday.
2110 Sign-off (Sat/Sun)

GENERAL SERVICE (in English), 0300-0620 (not Sat/Sun), 0300-2110 (Sat), 0330-2110 (Sun), 0900-1100 (not Sat/Sun), 1259-2010 (not Sat/Sun).

0300 Sign-on (not Sun) on 4804 + MW freqs
0315-0320 News headlines (not Sun) 0320-0350 Yesterday in Parliament (M/TH/F)
0330 Sign-on (Sun)
0400-0415 News 0530-0600 R. Press Conference(M)
0600-0615 News 0620 Sign-off(not Sat/Sun),
0900 Sign-on (not Sat/Sun) Freq change Sat/Sun to
0900-0915 "African Perspective" (Sat) 7125 kHz + MW freqs.
0930-1000 "VoK Magazine" (M)/"Kenya the 80s" (W) 1000-1015 News
1100 Sign-off (not Sat/Sun) 1015-1020 Program preview
1259 Sign-on (not Sat/Sun) 1100-1115 "The Week at the U.N." (Sundays only)
1325 F/change to 4804 + MW freqs 1330 Industrial Development (Sundays only)
1400-1415 News (not Sunday)
1430-1500 "Science Digest" (W) 1500-1515 News (Sun.)
1600-1615 News (not Sunday) 1615-1630 Program preview (Sat)
1630-1700 R. Press Conference (Sat) 1635-1645 Program preview (not Saturday)
1645-1700 "Inside Africa" (Th.)
1700-1715 "Business World" (M), "Industrial Develop." (F) 1730-1800 VoK Magazine (Sat)
1800-1815 News 1745-1800 African Perspect. (F)
1830-1900 Parliamentary Affairs (when in session),
2000-2005 News summary (not Sat/Sun) Dateline Nairobi (Sat)
2010 Sign-off (not Sat/Sun) Kenya in the 80s (Sun)
2100-2105 News summary (Sat/Sun)
2110 Sign-off (Sat/Sun).

NAIROBI CENTRAL SERVICE: 0900-1045, 1430-1900 on 7150 kHz.

EASTERN AND MOMBASA SERVICE: 0330-0630 GMT on 4934 in Somali, Swahili, and Turkana. 0630-1230 on 7210 kHz in Rendille, Burji, Boran and Swahili. 1230-2010 on 4934 in Boran, Swahili, Burji, Somali, Rendille and Turkana langs. **NO ENGLISH LISTED! (All via BBCMS)

RADIO MOZAMBIQUE'S DOMESTIC SERVICES

Radio Mozambique National Program: 15295, 11820, 9620, 7240, 6115, 4865, 3210 and 738 kHz:

0255-0300 Sign-on and anmts 0300-0310 News
0430-0440 News (not Sun.) 0500-0510 "A Date in History"*
0600-0605 News 0700-0705 News
0800-0805 News 0900-0905 News
1030-1045 News 1045-1100 "A Date in History"
1130-1200 "Voice of Frelimo"*** 1200-1205 News
1300-1305 News 1305-1400 "Armed Victory"****
1400-1410 News (not Sun.) 1500-1505 News
1600-1605 News 1645-1700 "The Meaning of Words"
1700-1705 News 1705-1730 Newsreel
1800-1830 Sports News 1900-1910 News
2100-2105 News 2200-2210 News
2210-2212 Sign-off *Not Sunday, news instead **Sundays only
***Anti-imperialist feature (All programs are in PP) (BBCMS)

MAPUTO AND GAZA INTERPROVINCIAL PROGRAM

Frequencies: 9525, 7110, 4925, 3345 and 1008 kHz.

0255-2212 (Programs in PP and Tsonga w/nx relayed from Nat'l Program)

BEIRA (Sofala Province)

A Program 6025, 3370, 1431, 873 kHz

B Program 9635, 6090, 3280 kHz

NAMPULA

7255, 4985/4820, 3366, 1224 kHz

PEMBA (Cape Delgado Province)

7150, 4875, 1494 kHz

QUELIMANE (Zambezia Province)

7145, 4895, 3210, 1295, 935 kHz

All of the above relay certain National Program news bulletins. Actual skeds are not included but are probably similar to Maputo. (BBCMS)

ALGERIA

9685 *2000 RTV Algerienne; EE, ID and welcome to listeners, into nx, 4/25 (Krist, VA); 2000, ID as "Int'l Svc," freqs given as 9685, 15370, etc, mx request px, 4/23

(Smallwood, W. Berlin); 2000, 4/30 (D'Angelo, PA)
15160 2000 R. Algiers; EE, nx, cmt, rock mx, 4/25 (Sharp, FL);
1551, AA male singer, IS, into nx, 4/28 (Trent, AK)
17745 2000 R. Algiers; EE nx, pop mx, freq not anc'd, 4/10 (Golab, IL)
17885 1430 RTVA; AA, home svc of haunting AA mx, ID, 5/2 (Thunberg, PA)

ANGOLA

4970 0540 Voz de Cabinda; PP, OM, ID, "A Voz de Cabinda," then
high-life mx, 4/22 (Parks, FL)
9535 1615 R. Nacional; PP, nx, mx, ID, some fading, 4/20
(Cleveland, NY)
11955 0526 R. Nacional; PP, tx by OM on Namibia, ID into drum and
xylophone mx, 5/3 (Sharp, FL)

ASCENSION ISLAND

BBC frequencies noted: 7105 (0607); 11750 (0207); 15260 (2000-2310,
0101); 21660 (1133, 1450). (by Krist, English, Gunter, Kedhart)

BENIN

4870 2250 ORTB; FF, ID by OM and tx w/interludes of flute/drum mx,
5/1 (Sharp, FL); 0526, FF-type pop mx, 4/25 (Drollinger,
WI); EE rock and roll, FF anmts, 4/16 (D'Angelo, PA)
5025 0505 ORTB/Parakou; FF, OM tx in FF, 4/10, is this the new
outlet listed in WRTVH? (Schachat, NH)**Yes, it is. mln.
0558, FF/Vern, high life mx until FF ID by OM at 0601,
IS, into Vern px, 4/17 (Stephany, NY); *0358, s/on, ID,
"Ici Parakou, La Voix de la Revolution, Office de
Radiodiffusion et du television de Benin, station
regional, nos emettant dans les bands..." thx to Hauser
"SWL Digest" tip for this! 4/21 (Cunningham, OH)+5

BOTSWANA

4845v 0423 R. Botswana; Vern, U.S. R&B, OM, YL w/ID at 0445, //3356
w/less QRM, 4/15 (Schachat, NH); *0400 (Sharp, FL)

CAMEROON

4000 0431 R. Bafoussam; FF, mx by YL, then nx at 0440, 4/18
(Harris, OH)
4850 2037 R. Cameroon; Nat'l Svc, FF and EE, nx in EE @ 2100
followed by FF OM at 2117, 4/11 (Schachat, NH); 2300,
FF, classical mx, into EE nx by OM, 5/1 (Sharp, FL)+1
9745 2102 R. Cameroon; EE/FF, EE nx, many Afro and Mid-East items,
mixing w/Iraq, 4/16 (D'Angelo, PA); 2100, EE (Golab, IL)

CANARY ISLANDS

15365 0026 REE Relay; SS, OM tx, ID, mentions of Madrid, TC at
0030, into nx, 4/16 (Worob, TX)

CAPE VERDE

On May 1, R. France Int'l's Afro svc quoted a newsletter published in
Paris as stating that a new Afro radio station is under study. Its
promoters are Ivory Coast and U.S. businessmen. The stn would bcst

3931 2356 Voz de Sao Vicente; PP, mx, ID, NA, 0001*, 4/9
(Robichaud, NB)**This isn't exactly a common log. How
about a few more details next time? Thanks. mln.
7154 0730 Emisora Oficial de Prahia; very strong w/ OM, ID, mx,
4/15 (Cleveland, NY); 0758, PP, OM/YL tx, computer pips
0800, ID, mx and nx, then mx, 5/6 (Sharp, FL)

CENTRAL AFRICAN REPUBLIC

5035 2222 R. Centrafrique; usual px of lcl mx, clear IDs, 5/6
(Sharp, FL)

COMORO ISLANDS

7260t 0900 R. Comoros; FF, per last month tip, tuned in to hear YL
tx w/mention of Comoros, sounds like Comoros, 5/6
(Sharp, FL)**Yes, David, everything fits except the
darkness pattern. It's 12 noon there! Until a positive
ID is heard, this requires some more monitoring. Call
me the next time you hear it. mln.

CONGO

15190 2238 RTV Congolaise; FF, xylophone and drum mx, ID as "LV de
la Revolution," or "Ici, Brazzaville," 5/1 (Sharp, FL)

EGYPT

9028 0325 R. Vatan; Farsi, usual style programming, Koran and
anti-Iranian propaganda by OM, 5/2 (Sharp, FL)

Radio Cairo round-up: 9475 (0200-0300); 9805 (2130); 12000 (0200);
15375 (2138) (by Kephart, Krist, Hill, Ashley, Hull, Miller, Stanley+4)

GABON

4777 2326 RTV Gabonaise; FF, jazz px, including Copper Rail, Louis Armstrong, Count Basie, 2359*, 4/21 (Drollinger, WI); 2157, FF, 2200, OM addressing crowd, 4/30 (Brenensal, FL)

4810 0505 Africa #1; FF, OM DJ w/FF pop mx, 2 or more OMs txing over disco mx, 4/23 (Preston, CA) (+Drollinger, Harris)

11940 2035 ANO; FF, EE pops, Afro pops, high life, 4/28 (Wilkins, CO); FF, OM and YL, rock hits, 4/22 (Sable, NY)

GUINEA

15309 2005 LV de la Revolution; FF, lcl mx, OM ID, nice signal, but killed by RFI QRM, 5/5 (Sharp, FL)

IVORY COAST

4940 2353 RTVI; FF, pop px, ID, "Radio Coteivorie" at 2353, 2358, computer blips, s/off anmt by OM, 2359*, 4/11 (Stephany, NY)

7215 2250 RTVI; FF, afro tunes w/excitable DJ, 2358, ID and speech before a live crowd, 4/9 (D'Angelo, PA); 0608, FF/Vern, afro mx, lots of ads, still going 0643, seems early for RTVI or is it just our time change? (Thompson, CA)**Noted here regularly at 0600 slot. mln. 2055, FF, 2 OMs w/px, tough copy, 4/19 (Welch, MA)

LESOTHO

4800 *0400 R. Lesotho; IS, into NA, then tx in Sesotho, religious svc, 4/25 (D. Jones, VA); 0445, OM w/relg tx, choral mx, 4/26 (M. Witte, CA)

LIBERIA

3255 0614 ELBC; EE, pop mx px along w/Sunday gospel, ID by OM into morning prayer for early risers at 0630 by OM, 4/10 (Stephany, NY); 2340-0002*, EE, jazz mx, ID before s/off, 4/13 (Thunberg, PA)

4765 0604 ELWA; EE, contemp. relg. mx, sig. peaks 0630, ID, "This is ELWA, Good Morning, Liberia!" 4/20 (Kephart, MI)+2

6090 0715 ELBC; EE, "Voice of Prophacy," EE ID, 4/17 (D'Angelo, PA)

11830 0756 ELWA; EE/Kanuri, end of EE relg px, ID, into Kanuri lang, 4/30 (D'Angelo, PA)

11920 2113 ELWA; IS and AA OM ID before intermittent test tones of 15 second duration washed this out, 4/25 (Sharp, FL)

VoA round-up: 15240 (0300, EE) (Sable); 15600 (2245, EE) (Hull, WA)

LIBYA

11815 2126 R. Jamahiriyah; EE, YL and OM, "History of the Arabs," px, comparing cultures, phys. appearance, etc, 4/14 (R. Hesch, NY); 2230, EE, ME mx, rev. comments, 4/16 (Stanley, AZ); 2300, EE, world nx (Cleveland, NY); 2350, best-ever w/AA OM, cmt, 4/18 (Kephart, MI)

MALAWI

7130 0620 MBC; EE, OM and YL tx mixed w/inst. mx, long OM tx in development and economics, 1/21, I only sent this because I was not sure it was them. QSL proved otherwise. (Stu Hall, CA)**Nice log, OM. mln.

MALI

4783 0602 R. Mali; FF, OM ID, "Ici Rdiff du Mali de Bamako," 5/6 (Sharp, FL); 0645, OM w/tx, static, 4/30 (Konen, WI)

5995 2257 R. Mali; FF, "Let it Be" by Beatles, DJ tx, 4/26 (Sharp) 2212, FF, strange mx (wooden xylophone w/woman chanting), animal cries, 5/6 (Brenensal, FL)

MAURITANIA

4845 0701 R. Nat. du Mauritanie; FF/AA, nx, mx, into AA, 4/23 (Manning, TX); 2352, Nx by OM w/several AA countries mentioned, 5/1 (Sharp, FL); 0615, OM w/tx and chants, no ID given, 4/18 (Rising, CA)

MOZAMBIQUE

3210 0415 R. Mocambique; two OMs in discussion mixed w/local and pop mx, 0425, signal wandered to 3212 kHz, 4/5 (Hall, CA)

MOROCCO

15335 1000 RTVM; AA, ID by OM, ending w/word "Rabat," IS twice, followed by nx in AA, 4/23 (Smallwood, W. Berlin)

NAMIBIA

3270 0330 SWABC; C&W mx to Akker Bilk's mx until 0358, //3295, at 0400, bct on 3270 went to lcl mx and OM tx in LL, 3295 went to pop and EZL mx, OM in Afrikaans, 4/5 (Hall, CA)

3295 0450 RSWA; tx by OM in Afrikaans, 4 pips at 0500, ID by OM,

4/5 (Lobdell, MA); 0200, in good w/pop mx, 0300, great ID after guitar IS, heard IDs 4 times (Kowalski, WI)
4965 0508 R. SW Africa; EE, mx px by OM, 4/19 (Harris, OH)**More details, please. mln.

NIGER

5020 2241 ORTN; FF, px of cora, dundun drum, kombi and gulu drum mx, quite interesting, 5/6 (Sharp, FL)

NIGERIA (We're running out of space. See last month's Nigerian logs)
5965 2148 R. Plateau/Jos; EE, mx px w/OM host, time pips and ID on hours, followed by nx summary into Vern and Nigerian folk mx at 2203, 4/11 (Stephany, NY)

6025 2252 R. Nigeria/Enugu; EE, px and rock mx, nx at 2300, 2303*, pledge of allegiance, NA, QRN from Illimani was slight, 4/12 (Stephany, NY)

6050 2250 FRCN/Ibadan; EE OM w/sermon on humility "Doing the will of God," played "Down by the Riverside," nx at 2300, 2304* w/NA, 4/17 (Lobdell, NJ); 2251-2308*, 5/7(Stephany)

SENEGAL

4890 0605 R. Senegal; AA, tent. w/signing recitations, another carrier killed signal by 0622, 4/12 (Drollinger, WI); 0703, FF, tx in monolog, no mx hrd, 4/30 (Konen); 2340, FF, two OMs, FF pop mx, running past 0010(D'Angelo,PA)+3

SEYCHELLES

11755 0400 FEBA; AA, ID, YL tx, into mx, mighty unsure about lang but ID was clear enough, 4/25 (Munster, GA)

11865 1407 FEBA; Tamil, OM relg tx, 1412 songs, YL s/off (Thompson)

15200 0416 FEBA; EE, tx about Zambia, press review, ID, "You are listening to FEBA Radio," 4/24 (Hill, SC)

SOMALI REPUBLIC

6790 0348 R. Mogadishu; tx by OM, didn't sound like AA, IDs, mentions of Mogadishu, 5/2 (Sharp, FL); 0303(Thompson,CA)

SOUTH AFRICA

Here is a summary of what is being heard: 3230 at 0333 (Drollinger); 3250 at 0415 (Witte, Wilkins); 4835 (0435-0500) (Preston+3); 4880 (0350) (Sharp+3); 4990 (0300) (Stanley+1); 5980 (0200) (Stanley); 9585 (0300) (Stanley); 9615 (0200-0257) (Manning, Demmitt, Ryeder, Somers +3); 9680 (0850) "Radio 5" (Kephart); 11730 (0227) (Fisher); 11900 (0650) (Preston); 17745 (*2100) (Krist) Sorry we had to cut...mln.

SWAZILAND

6155 0228 SCR/R. Truro; EE, OM, choral mx, fast talking drums, Indiana mx, 0300, WRNO covered freq, 5/2 (Witte, CA)

4785 0445 TWR; EE/??, relg px, 0500, into EE, 4/16 (Witte, CA)

5055 0426 TWR; EE, IS, into ID at 0430, relg px by OM/YL, heavy QRM, 4/8 (Rising, CA); 0443, 4/15 (Schachat, NH)

9525 21001 TWR; tx by OM, Christian mx, bell IS, 2016* (Konen, WI)

9730 *0440 TWR; EE, IS, bells and spoken ID, s/on by YL, "Back to the Bible," 4/16 (Stephany, NY); 0456 (D'Angelo, PA)

TANZANIA

5050 0302 R. Tanzania; Swahili; less het than usual, tribal mx, ID at 0400 (finally!), 5/2 (Brenesal, FL)

9750v 1742 RT; EE, dance mx until 1745, then OM ID, "This is Radio Tanzania in Dar es Salaam..." 5/6 (Sharp, FL)

TRANSKEI

3930 0419 Capital Radio; EE, US pop, incl. Kenny Rogers, ads, heavy QRN, OM DJ, 4/26 (M. Witte, CA)

7150 0432 Capital Radio; EE rock mx, OM, full ID and freqs at 0500, then nx, ID/Ad at 0505, "That was the latest nx from Capital Radio brought to you by Chesterfields," bad het, ARO QRM, 4/25 (Lobdell, MA)

9765 0722 Capital Radio; tent w/EE, pop mx, OM DJ, nx at 0730, ID was given, but neighbor switched on a fluorescent light about then...4/21 (Kephart, MI)

TUNISIA

RTVT round-up: 7225(0438-0535); 15225(0953)(by Welch, Harris, Witte +1)

ZAIRE

15245 0329 LV du Zaire; FF, Afro vocals, OM anmts, clear IDs(Sharp)

ZAMBIA

4911 0345 R. Zambia; fisheagle IS, still getting exc. rept. most evenings, 454!!! 5/5 (Sharp, FL); nx by YL at 0412 into Afro pop at 0415, 4/13 (Schachat, NH) See you in 30!

ASIA-OCEANIA

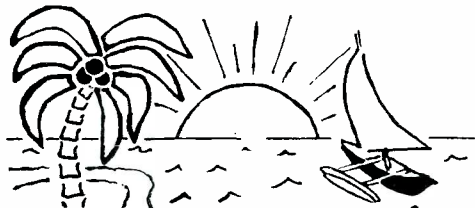
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DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ

TIMES ARE IN GMT

0000=sign on 0000=sign off



We have exactly 100 reporters this month. I appreciate the support from each of you who took the time to send in your loggings. Speedx is truly the club for active shortwave listeners.

I also appreciate the kind words and encouragement from the many of you who took the time to tell me that you thought last months column was presented well. Believe me when I say that words of encouragement are appreciated by the editors. I enjoy doing the column but once in a while the 12th of the month will roll around and I just don't feel like putting forth the effort. It must be done though if a column is to appear.

And now a note on IDs. It has come to my attention that some (2) of the stations last month were of very questionable nature. One person tells me that one of them has been off the air for years. If you log a station and put it on your list of countries heard please be positively sure of the ID. Shortwave is not a guessing hobby. At the same time though you only get out of it what you put into it. As an example I've been trying to log R.Dublin in Ireland for years. I know I've heard them an several occasions but I still have'nt gotten that all elusive ID. And until I do they will not go into my log book and countries heard list. If these same stations are logged this month I will include them. I'm not going to say "no you did not log that station" because I don't think I have that right. At the same time every reporter owes it to himself as well as others to be SURE ...

A F G H A N I S T A N R.Afghanistan

9665 1857 RA: GG-IS, IDs, freqs, nx pgm.(4/22 Smallwood-??)(Arland-UK)
11755 1927 RA: EE-Freq list, freq not listed.(434 4/21 Arland-UK)

B A N G L A D E S H R.Bangladesh

15280 1249 EE-OM w/talks on marine biology.(321 4/15 Schlesinger-TX)

C H I N A R.Beijing

4830 0925 RB: CC-"Japanese by radio" mx, ID, nx.(433 3/20 Sato-Japan)
5020 1320 RB: CG-"English by radio" by YL.(433 4/18 Sato-Japan)
(Schlesinger-TX)
5950 1220 Heilongjianj: CC-Lang pgms, no//s heard.(242 4/15 Schlesinger
11895 2003 RB: FP-YL w/ID, local mx.(353 4/21 Thompson-CA)
11900 1311 RB: EE-Wld nx, sports, mx, & ID.(444 4/21 Gayle Van Horn-TX)
(Wilkins-CO)(Thompson-CA)(Shryock-MO)
15120 0100 RB: EE-ID, wld nx, mx pgm.(322 4/6 Stanley-AZ)(Talbot-WI)
15220 1305 RB: EE-Nx pgm, sports, cmtry, & mx.(232 5/6 Thunberg-PA)
15225 1401 RB: EE-Wld nx, sports talk.(353 5/6 Jones-TX)(Wilkins-CO)
15520 1212 RB: EE-Wld nx pgm, ID, sports.(433 4/19 McDowell-IL)
17650 0030 RB: EE-Nx pgm, cmtry, & ID.(545 Clevely-NY)
17680 0430 RB: EE-OM w/CC mx, listeners questions answered.(333 4/27
Preston-CA)
17765 0000 RB: SS-IS, ID, by OM then YL w/nx.(454 4/24 Berri-CA)
17855 0000 RB: EE-Nx pgm, "The Third world Marches On"(353 4/14 Krist-VA
(Shryock-MO)(Addison-KS)(Gayle Van Horn-TX)(McDowell-IL) + 4

I N D I A All India Radio

9665 2115 AIR: EE-AIR pgm of nx & mx.(233 3/29 Yingling-MD)
11620 1845 AIR: EE-Mx pgm, ID, nx.(343 4/16 Muzyka-NY)(Schlesinger-TX)
(Konen-WI)(Clevely-NY)
15320 1015 AIR: EE-Pgm of instru mx, pop mx, & nx.(454 4/19 Sato-Japan)

I N D O N E S I A Voice of Indonesia

3260t 1030 R.Bandung: IN-OM w/nx, mention of Bandung.(poor 4/28 Parks-FL)
3345 1200 R.Ternate: IN-YL w/pgm of nx/(343 4/29 Wilkins-CO)
4720 1335 R.Ujung Pandang: IN-OM w/talks, YL w/ID, pop mx.(fair 4/26
Sharpe-CA)(Sato-Japan)
4875 1205 R.Sorong: IN-"Warta Berita" & YL & OM w/cmtry.(433 4/17 Sato)

I N D O N E S I A (continued)
 5451 1122 R.Biak: IN-Traditional Indo mx, ID.(fair 4/30 Parks-FL)
 9612 0934 R.Jayapura: IN-YL w/vocal tunes, OM w/ID.(322 4/22 Wilkins-CO)
 11790 1445 VOI: EE/AA-Arabic mx, YL w/ID & freqs.(343 4/17 Preston-CA)
 (Hotaling-NE)(Lucas-CA)(Hahn-CA)(Thompson-CA)(Rising-CA)(+ 3

I R A N VOIRI
 9745 2200 VOIRI: EE-wld nx pgm, ID, & mx.(543 Clevely-NY)
 15084 1456 VOIRI: FA-Continuous slow chanting, then ID.(343 4/2 Shryock-MO)(Hull-WA)

I R A Q R.Baghdad
 9745 2106 RB: EE-OM w/wld nx, talk on Iran-Iraq problems.(222 Lipman-NY)(D'Angelo-PA)

I S R A E L Kol Israel
 7412 0200 KI: EE-Full ID, nx pgm, mx, & freqs.(353 4/25 Hull-WA)(Schulsinger-OH)(Addison-KS)
 9815 0115 KI: EE-OM & YL w/disc on education.(555 5/9 Coleman-MA)(Jones-VA)(Blanchard-WI)(Fisher-WI)(Shryock-MO)(Addison-KS)(+ 7
 11655 2000 KI: EE-Nx pgm, ID, mx pgm, & ID.(343 4/29 Demmitt-PA)(Shryock MO)(Clevely-ONY)(Addison-KS)(Ryeder-FL)(Hull-WA)(Fraser-MA) +5
 12025 0510 KI: EE-Nx pgm, YL w/civil defense annc.(322 5/3 Grijalva-AZ)
 13745 2020 KI: EE-OM w/a cmtry on OPEC.(232 Harris-OH)(Cunningham-OH)

J A P A N Far East Network R.Japan
 3910 1115 FEN: EE-Pop mx pgm, ID, & nx.(334 4/13 Miller-CA)
 3925 1150 RJ: JJ-OM w/talks, organ mx, ID.(322 4/22 Hotaling-NE)(Miller
 9505 1700 RJ: EE-ID, wld nx, sports, talk on Kampuchea conflict. (Stanley-AZ)(Gayle Van Horn-TX)(Somers-CA)
 9525 1058 RJ: JJ-YL w/songs & cmtry.(453 4/5 Somers-CA)
 9595 1040 R.Tampa: JJ-JJ & EE vocals, annc by YI&OM.(252 4/9 Welch-MA)
 11705 2030 RJ: EE-Nx & commentary.(233 4/20 Tilley-CO)
 11750 0838 FEN: EE-Top 40 mx.(pretty awful)...(232 4/18 Halbert-CA)
 11815 1515 RJ: EE-Report on JJ Prime Minister.(222 4/30 Hahn-CA)
 15195 0130 RJ: EE-ID, wld nx, times & freqs.(332 4/15 Stanley-AZ)
 15325 2100 RJ: EE-IDs by YL & OM.(111 4/16 Greenwald-WY)
 15300 0500 RJ: EE-Wld nx, talk on Nat park system.(444 4/19 Salomom-CA)(332 4/4 Addison-KS)
 17755 0323 RJ: EE-OM w/IDs, then into nx pgm.(333 4/18 Worob-TX)(no name)
 17825 2341 RJ: EE-Mx pgm, freqs, IDs.(333 4/22 Lipman-NY)(Stanley-AZ)
 21610 0146 RJ: EE-ID, & talk on chips (ICs).(222 4/27 McDowell-IL)
 21640 0130 RJ: EE-ID, nx pgm, talk on fishing.(342 4/22 Stanley-AZ)

K O R E A (North) R.Pyongyang
 9740 1100 RP: EE-Nx pgm, ID, mx pgm.(433 5/1 Demmitt-PA)
 9745 1115 RP: EE-YL w/nx pfm, ID, instru mx pgm.(433 McDowell-IL)(Somers-CA)(Lipman-NY)
 9977 1139 RP: EE-On & on about the Great Leader Kim El Sung.(444 4/20 Drollinger-WI)(Manning-TX)(Lord-CA)(Clemmer-KS)(Sharpe-CA) + 5
 15231 2315 RP: EE-YL w/talk on Revolutionary struggle against the Japanese.(4/9 Hull-WA)

K O R E A (South) R.Korea
 9570 1018 RK: EE-Mx pgm, talk on 84 Olympics.(343 4/9 Welch-MA)(Gayle Van Horn-TX)(Miller-CA)(Demmitt-PA)(Cox-LA)(Blanchette-FL) +2
 9750 1328 RK: EE-IS, ID, OM & YL w/wld nx.(343 4/18 Drollinger-WI)
 11810 0530 RK: EE-OM & YL w/nx, ID, cmtry on water resources.(322 4/26 Preston-CA)(Hull-WA)
 11830 1632 RK: EE-Lang lesson, mx pgm.(412 5/2 English-TX)(Tilley-CO)
 15575 2130 RK: EE-Disc on problems w/North & South Korea.(233 Deinet-NJ)(343 4/3 Soomre-MA)

K U W A I T R.Kuwait
 11675 2000 RK: EE-YL & OM w/talk on student aid.(333 4/14 Ryeder-FL)(Smallwood-W.Berlin)(Blanchette-FL)(Drollinger-WI)
 11990 1650 RK: AA-Arabic service w/local mx.(222 Harris-OH)

L A O S RNL
 6130t 1200 RNL: LA-IS, apparent nx by YL.(232 4/12 Schlesinger-TX)

M A Y L A S I A (east) R.Malaysia
5965 1440 RM: MA-Mx pgm, YL w/talk about money.(fair 4/20 Sharpe-CA)
5980 1033 RM: EE-YL w/local nx, ID.(fair 4/17 Parks-FL)
9515 1355 RM: MA-Pop mx pgm, local mx.(fair 4/27 Sharpe-CA)

M A L A Y S I A Voice of Malaysia

I need some info on these stations in Malaysia. I don't have the current WRTVH and I'm not sure if the old one is still correct. So if you have this information please send it to me.

4950 1435 VOM: EE/CC-YL w/nx pgm, EZL mx pgm.(242 4/17 Preston-CA)
(Kosugida-Japan)(Rising-CA)(Sharpe-CA)

M O N G O L I A R.Ulan Bator

12070 *1400 RUB: EE-YL w/ID & sked, nx pgm.(222 4/11 Rising-CA)(Lopman-NY)(Schlesinger-TX)

N E P A L R.Nepal

9590 1147 RN: ??-Heard IS and thats all due to QRM.(212 4/29 Konen-WI)

O M A N BBC Relay

7160 0359 BBC: EE-OM w/nx in the wld service.(233 4/18 Rising-CA)
11890t 1946 R.Oman: AA-Instru mx pgm, OM & YL w/drama pgm.(weak 4/24 Lobdell-MA)

P A K I S T A N R.Pakistan

11670 1645 RP: EE-Wld nx, too noisy to hear the mx.(132 4/11 Yingling-MD)
(Soomre-MA)(Smallwood-W.Berlin)

P H I L L I P I N E S VOA FEBC

6110 1305 VOA: EE-Nx pgm of wld events, sports.(445 4/13 Miller-CA)
6185 1210 VOA: ??-YL & OM w/nx, pop mx pgm.(333 3/31 Cox-LA)
11715 1500 VOA: EE-"Concert Hall" classical mx.(353 4/17 Fraser-MA)
11890 0930 FEBC: EE-OM w/ID, & religious disc.(333 5/7 Evans-TN)
(Brenesal-FL)(Lipman-NY)(Gayle Van Horn-TX)
15440 1430 FEBC: EE-Nx pgm, IDS, and mx pgm.(222 4/9 Soomre-MA)
26000 2200 VOA: EE-the Amer JAZZ mx pgm.(354 4/2 Card-RI)

Q A T A R Qatar Broadcast Service

17910 1558 QBS: AA-Radio play til 1615, mx pgm, ID, then nx.(333 Brenesal-FL)

S A U D I A R A B I A Broadcast Service of Kingdom of Saudi Arabia

9885 2134 BSKSA: AA-Local Arabic mx, and ID.(454 4/24 D'Angelo-PA)
11855 2030 BSKSA: EE-Talk on EE poet David Jones.(333 4/16 Muzyka-NY)
15060 1840 BSKSA: AA-Home service w/Saudi pop mx.(242 4/10 Schlesinger-TX)

S I N G A P O R E BBC Relay R.Singapore

9740 1255 BBC: EE-Sports nx, ID, and nx pgm.(333 4/30 Manning-TX)
11940 1410 RS: EE-OM w/EZL mx pgm, then a jazz mx pgm,(333 4/10 Cox-LA)
(Hahn-CA)(Sato-Japan)(Miller-CA)(Valentine-CA)
15435 2259 BBC: EE-"This is the BBC Far East relay, here is the nx"
(322 4/24 Speer-CA)

S R I L A N K A Sri Lanka Bcst Service

9720 1255 SLBS: EE-ID, mx pgm, & wld nx.(545 5/3 Clevely-NY)
11835 1100 SLBS: EE-Rel pgm & lots of appropriate mx.(242 4/14 Schlesinger)

Many thanks to Ralph Famularo for setting me straight on the spelling of the following country as well as a couple of others. Once I get the spelling of a word in my head I may spell it like that forever... tml

T A I W A N Voice of Free China

15215 0530 VOFC: SS-OM w/songs & YL w/nx.(444 5/4 Valentine-CA)
15225 1428 VOFC: EE-OM w/talk on Chinese flute.(343 4/25 Thompson-CA)
17765 2230 VOFC: EE-Talk on Chinese culture.(434 4/22 Tilley-CO)
17800 0315 VOFC: EE-OM w/nx pgm, ID as VOFC in the Republic of China.
(322 4/18 Worob-TX)(Clevely-NY)

Keep in mind that VOFC is coming from WYFR on 5985 and 11740 and it may vary 5 or 10 khz. It is not a relay but is done with a series of tapes. VOFC broadcasts WYFRs tapes over their freqs.tml

T U R K E Y Voice of Turkey
 6340 0906 VOT: TK-Wooden flutes, guitar, & fiddle mx.(222 3/27 Brenesal FL)
 9560 2300 VOT: EE-Nx pg, talk on tourism, mx pgm.(444 4/1 Card-RI)(Harris-OH)
 11740 2210 VOT: EE-YL w/talk on US aid to Greece & Turkey.(444 4/18 Coleman-MA)(Bartsch-MN)(Hill-SC)(Blanchette-FL)(Drollinger-WI)(walega-OH)(Yingling-MD)(Fraser-MA)(Levy-MS)(Thunberg-PA)

U N I T E D A R A B E M I R A T E S UAE Radio
 9695 1933 UAE: AA-YL w/AA mx, clear ID at 1938.(212 4/23 Stephany-NY)
 15300 1632 UAE: EE-OM w/nx, ID, & weather.(4/9 Blanchard-WI)(Drollinger-15320 1630 UAE: EE-OM w/nx pgm, QRM by APRTS.(423 4/16 Schlesinger-TX)
 17775 1020 UAE: EE-Mailbag pgm, ?? on 21695.(222 Harris-OH)
 21655 1635 UAE: EE/AA-Mx pgm, weather report, nx pg,(444 4/13 Coyle-??)

V I E T N A M Voice of Vietnam
 10040 1900 VOV: EE-OM&YL w/talk on political 3rd world.(454 4/18 Arland-UK)(Card-RI)
 10060 1235 VOV: VT-Home service w/local mx.(343 4/15 Schlesinger-TX)
 10080 2330 VOV: EE-ID, wld nx pgm, mx.(353 4/6 Stanley-AZ)
 15010 1700 VOV: EE-OM w/ID "Radio Vietnam"(454 4/28 Trent-AK)(Muzyka-NY)(Drollinger-WI)(Card-RI)(Clevely-NY)

Y E M E N A R A B R E P U B L I C R.San'a
 9780 0305 RS: AA-a pgm of Arabic mx.(232 4/2 Shryock-MO)

Y E M E N P E O P L E S D E M O C R A T I C R E P U B L I C
 6005 0305 DYBC: AA-OM w/mx pgm, QRM by BBC bells.(4/16 Witte-CA)

30 countries are represented this month out of the 48 that are listed in the Speedx Edxc country list.

Now on to Oceania and the Pacific. Most of these countries are difficult to hear in the Eastern half of the country, but they can indeed be heard as most of you know. If you could hear them as easy as AM or FM stations there would be no need for Speedx or any other club.

O C E A N I A the Pacific

A U S T R A L I A R.Australia
 5995 1155 RA: EE-OM w/talk on surveying, ID, nx.(444 4/13 Brewer-AR)(Gayle Van Horn-TX)
 6090 0726 Radio 2: EE-ID as Radio 2 & Radio 3.(233 4/14 Halbert-CA)
 9570 0855 RA: EE-Weather for Australia and islands.(555 4/29 no name)
 9580 1147 RA: EE-"Australia Tonight" YL w/cmtry on books in Australia.(454 4/5 Hesch-NY)(Demmitt-PA)(McCants-AL)(Fleischaker-KY)(Somers-CA)(Cox-LA)
 9585 1227 RA: EE-talk on Australian inventions.(545 4/9 Robinson-TN)
 9610 1130 ABC: EE-Listeners request & songs.(444 4/30 Demmitt-PA)(McDowell-IL)(Culbertson-WA)(Drollinger-WI)
 9640 1402 RA: EE-OM w/wld nx & ID.(222 4/14 Fisher-WI)(Drollinger-WI)
 9660 0849 VLQ9: EE-Rel mx pgm, ID, nx pgm.(353 4/24 Stephany-NY)(Drollinger-WI)(Culbertson-WA)
 9680 0823 VLR9: EE-Sports report, ID, mention of Radio 1.(242 4/30 D'Angelo-PA)(Culbertson-WA)
 9760 0733 RA: EE-Nx pgm, ID, pop mx pgm.(333 3/23 Schacht-NH)
 9770 1325 RA: EE-talk on Australian govt, ID, freqs.(333 4/21 Gayle Van Horn-TX)
 15115 0700 RA: EE-Talk on places to visit in Queensland.(444 Lord-CA)
 15160 0644 RA: EE-Mx pgm, pgm on the Bee Gees.(343 5/1 Grijalva-AZ)(Piatelli-CA)(Culbertson-WA)(Lipman-NY)(Preston-CA)
 15240 0545 RA: EE-OM w/talk on farm management.(444 5/4 Valentine-CA)
 15320 0430 RA: EE-Talk on Australian folklore.(222 5/4 Ashley-NC)
 15425 0845 VLW-15: EE-Mx pgm, national nx @ 0900.(444 4/24 Drollinger-WI)(233 4/21 Preston-CA)
 17795 0230 RA: EE-Very interesting talk on a all terrain bus used to take tourists "Outback" (444 4/29 Hancock-AL)(Halbert-CA)(Addison-KS)(Ryeder-CA)(Stanley-AZ)
 21525 0413 RA: EE-Cmtry on proposed aid to Vietnam by Australia.(334 4/23 Halbert-CA)
 21740 0225 RA: EE-OM w/ID & cmtry on economy.(223 4/5 Addison-KS)(Krlst-VA)(Gayle Van Horn-TX)(Coleman-??)(Harris-OH)(Hill-SC)+3

C O O K I S L A N D S R.Cook Islands
11760 0851 RCI: EE-Island mx, rock mx, nx pgm.(322 4/14 Gayle Van Horn-TX)

M A R I A N A I S L A N D S
9505 1438 KTWR: EE-YL leading children in recitation and songs.(444 3/23 Thompson-CA)
9510 1525 KTWR: EE-Listener letters, & ID.(333 4/21 Speer-CA)
9590 1100 KTWR: MN-ID w/call letters, rel pgm.(433 4/24 Brenesal-FL)
(333 Konen-WI)
9670 1739 KYOI: EE/JJ-Mx pgm, ID.by OM.(412 4/15 Ryeder-FL)(Greenwald-NY)
11840 0902 KTWR: EE-Religious sermon on healing.(333 4/26 Gayle Van Horn)
11900 1435 KYIO: EE/JJ-Rock mx pgm, ID.(333 5/1 Famularo-NJ)(Trager-CA)
(Raymond-MA)(Drollinger-WI)(Walega-OH)(Talbot-WI)
11920 1523 KTWR: Bengali/Oriya-YL w/QTH, mx pgm, OM w/ID.(333 4/23 Thompson-CA)
15190 0956 KYOI: EE/JJ-US rock mx, IDs.(333 4/26 Gayle Van Horn-TX)
15405 2240 KYOI: EE/JJ-pgm of pop & rock mx.(232 Harris-OH)

N E W C A L E D O N I A R.Noumea
7170 0825 RN: FF-Mx pgm of saxophone selections.(322 5/7 Evans-TN)
(Hull-WA)(333 4/13 Wilkins-CO)(354 4/20 Rising-CA)
11710t 0902 RN: FF-Rock mx pgm, tentative ID.(333 4/26 Gayle Van Horn-TX)

N E W Z E A L A N D R.New Zealand
15485 0430 RNZ: EE-OM w/mx pgm, nx, & more mx.(233 4/19 Preston-CA)
(322 Harris-OH)(444 4/10 Witte-CA)(343 4/14 Deinet-NJ)
(444 4/19 Stanley-AZ)(333 4/28 Lipman-NY)(333 4/20 McKinney-PA)
(323 4/26 Gayle Van Horn-TX)(Glevely-NY)
17705 0310 RNZ: EE-Talk on deaf children, boat design.(454 4/25 Culbertson-WA)(Stanley-AZ)(Halbert-CA)(Grijalva-AZ)

P A P U A N E W G U I N E A NBC
4890 1100 NBC: EE-OM w/jazz mx selections.(322 4/19 Sato-Japan)(322 5/2 Brenesal-FL)(242 4/25 Culbertson-WA)
15485 1210 R.New Guinea: EE-Nx pgm, freqs, ID at 1212.(232 4/13 McDowell -IL)

S O C I E T Y I S L A N D S R.Tahiti
15170 0455 RT: TH/FF-Tahitian mx by YL, nx pgm.(344 4/24 Preston-CA)
(322 4/24 Valentine-CA)(222 Harris-OH)(332 4/23 Talbot-WI)
(322 4/10 Hill-SC)(454 4/25 Culbertson-WA)

S O L O M O N I S L A N D S Solomon Islands Bcst Corp
5020 1145 SIBC: EE-2 OMs w/talk & nx, mx pgm.(444 5/1 Konen-WI)(222 Schachat-NH)(353 4/21 D'Angelo-PA)
9545 0633 SIBC: EE-Long commercial for top quality paint, traditional island mx follows.(344 4/22 Drollinger-WI)(111 4/28 Lipman-NY)(433 4/23 Thompson-CA)

With 100 reporters you would think I would have enough loggings to easily fill 6 pages. The majority of people only sent 1 to 3 loggings though. Also there was a lot of duplicates.

All India Radio has reported that they have drawn up a plan to beam all its pgms through Instat a satellite to be launched later this year. It is expected that all relays will be received via satellite and free from QRM. (via WBI)

New freq for the Voice of Islamic Republic of Iran. 11930 is to replace 9770 & 9765. (via WBI)

New time for the Voice of Kampuchea is 1300 to 1400 on 11675.

Look for these regional stations in Vietnam.

Cao Bang	6528	1200-1400	Ha Tuyen	4820	1130-1400
Lai Chau	6570	1130-1330	Lang Son	6510	1130-1300

These stations broadcast in tribal languages & Vietmanese. This is courtesy of the WBI.

Another month column comes to a close. I wish the best of everything to All.

73s

Jerry

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

TRASMISSIONI

BULLETIN DE PROGRAMMES

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

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

Hello everybody. They say summer is just around the corner but you'd never know it from the weather we've had here in New England. They say we might even have a bit of frost tonight.

We are now firmly in the J83 summer broadcasting period which lasts until the first Sunday in September. Remember, unless otherwise stated schedules are for English language broadcasts and times are in UTC. Items from the BBCMS are copywrited and are used by permission.

ALBANIA. Radio Tirana, undated English schedule.

0000-0030	7065	North America
	9750	"
0130-0200	7120	"
	9750	"
0230-0300	7120	"
	9750	"
0330-0400	6200	"
	7300	"
1230-1300	9515	"
	11960	"

(M. Golab)

BRAZIL. Radiobras in Brasilia, undated schedule.

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

(B. Opitez)

CHINA. Radio Beijing. New North American service sked which became effective on April 25th.

0000-0100	15120, 17855	ECNA
0100-0200	15120, 17855	"
0200-0300	15120	"
0300-0400	15120, 17680, 17855	WCNA
	17855	"
0400-0500	15120, 17680	"
1200-1300	15180, 15520	ECNA

(J. Flanagan, M. Mahoney, T. McKeon)

ECUADOR. The Voice Of The Andes HCJB in Quito. J83 English sked.

0030-0130	15175	N&S America
0030-0500	15155	North America
0030-0700	9745	"
0500-0700	6095	"
	11910	"
0700-0830	11835e	Europe
0700-1030	9745	South Pacific
0700-1100	6130	"
	11925	"

ECUADOR: continued.

1200-1530	15115	N&S America
	17890	"
1200-1430	11740	North America
1900-2000	17825	Europe
	21480	"
2130-2200	15295	Europe
	17825	"
	21480	"

e = Weekdays from 0645
(W. Muzyka)

EGYPT. Radio Cairo, undated schedule.

0200-0330	9475	North America
	12000	"

(P. Card)

FINLAND. Radio Finland in Helsinki, J83 program schedule.

0700-0855a	15265	Europe
	21465	Far East, Australia
0830-0855b	6120	Europe
	11755	"
	15265	"
	21465	Far East, Australia
1100-1125b	15400	North America/ME
	17800	"
1200-1225b	15400	"
	17800	"
1300-1400	15400	"
1400-1425	15400	"
	17800	"
1230-1425a	15400	"
	17800	"

1300-1325b	21475	We. Africa/S. America
1830-1855	15265	Europe a=Sunday
	15430	" b=Mon to Sat
1930-1940c	6120	Europe c=Wed, Fri,
	11755	" Sat., Sun.

(J. Sill, R. Yajko)

HUNGARY. Radio Budapest, new schedule effective May 2nd, 1983.

0100-0130a	6025, 9585, 9835, 11910, 12000, 15220	to North Amer.
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HUNGARY: continued.

0200-0230 6025, 9585, 9835, 11910,
12000, 15220 to N. Amer.

0300-0315b 6025, 9585, 9835, 11910,
12000, 15220 to N. Amer.

0930-1000 9835, 11910, 15160,
15220, 17710, 21525 to
Australia, NZ, Japan

1100-1120c 6025, 7155, 9585, 9838,
11910, 15160 to Europe

1330-1400c 9835, 11910, 15160,
15220, 17710, 21525 to
Asia

1415-1430d 6025, 7225, 9585, 9835,
11910, 12000 to Europe

2000-2030 6025, 6110, 9585, 11910,
12000

a = Tuesday to Sunday
b = Wednesday and Saturday
c = Monday to Friday
d = Tuesday and Friday
(L. Talbot)

INDONESIA. The Voice Of Indonesia
in Jakarta. This schedule was
current as of April 28th.

0100-0200 11790, 15150
0800-0900 " "
1500-1600 " "
(BBC MS)

ISRAEL. Israel Radio in Jerusalem
has this J83 schedule.

0000-0028 7410, 9815, 11655 to USA
0100-0128 7410, 9815, 11655 to USA
0200-0228 9815, 11655, 12025 to USA
0500-0515 9815, 12025, 15105,
15585, 21710, 21495,
17685, 15485

1100-1130 11610, 13475, 15485,
15605, 17630, 17685,
15585, 21495

1800-1815 11610, 13725, 17585 to
Europe

2000-2030 9009, 11655, 13745,
15485, 15585, 17630,
17685, 17815

2230-2300 9815, 11655, 13745,
15200, 15485, 15585,
17685, 17815

Where no site is mentioned,
different frequencies are beamed to
different sites. Reports are
requested on the new 1800 broad-
cast to Europe.
(D. Jones)

ITALY. RAI in Rome, J83 schedule.

0100-0120 9575 North America
11800 "
0350-0410 9710 South Asia
11800 "
21560 "

ITALY: continued

0425-0440 6165 Mediterranean Area
7275 "
1935-1955 7275 Great Britain
9710 "
11800 "
2025-2045 7235 Near East
9575 "
11800 "
2200-2225 9710 Japan
11800 "
15330 "
(D. Claytor)

KOREA(SOUTH). Radio Korea, schedule
effective on June 1st. Taken off the
air.

0200-0300 9640, 11810, 15575
0500-0600 7275, 11810, 11820, 15575
0930-1030 5975
1100-1200 9570, 15575
1400-1500 9750, 15575
1600-1700 5975, 7550, 9870
1845-1945 15575
(P. Thompson.)

KUWAIT. Radio Kuwait. Schedule is
valid through June.

0500-0800 15345 East, Southeast Asia
1800-2100 11675 Europe, North America
(B. Brenesal, P. Card)

MALTA. Radio Mediterranean, undated
sked just received.

2230-2330 6110
(direct)

PORTUGAL. Radio Portugal, schedule
dated April 4th, 1983

0300-0330 6025 ECNA
11925 "
0530-0600 6075 WCNA
9575 "
1600-1630a 21645 India, Middle East
1700-1730b 17880 Africa
1800-1830a 17880 Africa
1800-1830c 15250 "
2030-2100 6025 Europe
9740 "
11775 "

a = Monday to Saturday
b = Sunday only
c = Monday to Friday
(P. Card)

ROMANIA. Radio Bucharest, undated
sked.

0200-0300 5990, 9510, 6155, 9570,
11810, 11940 to ECNA
0400-0430 5990, 6155, 9510, 9570,
11810, 11940 to WCNA

(D. Jones)

SWEDEN. Radio Sweden International J83 schedule.

0230-0300 11705 North America
 15420 "
 1100-1130 9630 Europe
 17825 Australia/N.Z.
 1230-1300 17840 East Asia
 21690 Africa
 1400-1430 17790 North America
 17845 South Asia
 1600-1630 17840 South Asia
 1830-1900 6065 Europe
 15240 Africa
 2100-2130 15240 Africa
 15320 Middle East
 2300-2330 11705 North America
 15270 "

(R. Munster, A. Warren)

SWITZERLAND. Swiss Radio International in Berne.
 Schedule valid until November 5th, 1983

0145-0215 6135 North America
 9725 "
 11715 "
 15305 "
 0430-0500 9725 Western N. Amer.
 11715 "
 0700-0730 9560 South America
 15305 "
 21520 Australia
 21695 South Asia
 0900-0930 9560 South America
 15305 "
 21520 Australia
 21695 South Asia
 1100-1130 15430 West Africa
 17795 "
 21520 East Africa
 25780 "
 1200-1230 3985 Europe
 6165 "
 9535 "
 1315-1345 21570 North America
 15305 South Asia
 17785 Australia
 17830 "
 21520 "
 1530-1600 21520 South America
 15125 Africa
 17830 Middle East
 21520 South America
 21570 Middle East
 1815-1845 15125 South Africa
 15415 "
 17830 East Africa
 17850 East Africa
 2145-2215 11910 South Africa
 15305 East Africa
 17830 West Africa
 21520 South America

(J. Demmitt, E. Lipman, R. Yajko)

VATICAN STATE. Vatican Radio, this schedule was valid as of May 5th.

0050-0115 6015 North America
 9605 "
 11845 "
 0200-0215a 7125 South Asia
 9605 "
 11965 "
 0500-0515 11725 Africa
 15190 "
 0500-0520 6185 Europe
 9645 "
 0630-0645b 6262 "
 9645 "
 11740 "
 0615-0630b 15190 Africa
 17730 "
 0715-0730b 11725 Africa
 15190 "
 1045-1050b 6262 Europe
 9645 "
 11740 "
 1115-1130 17840 Africa
 21485 "
 1200-1215 17840 "
 21485 "
 1200-1215 17865 Southeast Asia
 21725 "
 1345-1400 6252 Europe
 7250 "
 9645 "
 11740 "
 1430-1445b 11810 South Asia
 15110 "
 17865 "
 1515-1520b 6252 Europe
 7250 "
 9645 "
 11745 "
 1545-1600 11810 Africa
 15120 "
 17730 "
 1900-1903b 6190 Europe
 6252 "
 7250 "
 9625 "
 9645 Africa
 11700 "
 15120 "
 1950-2010 6190 Europe
 7250 "
 9645 "
 2045-2100 9625 Africa
 11700 "
 11760 "
 15120 "
 2210-2230 9615 Far East/SE Asia
 11830 "
 15120 "

a = never on Monday

b = " " Sunday

(BBCMS, R. Yajko)

23, 1983
Chis

Oops, out of space already. Time for a glass of juicy juice! God Bless!

UTILITY SCENE

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

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

DEADLINE: 12th Day of the Month
XMSN MODES: A-am., C-continuous wave(CW).. F-facsimile.. I-independent side band.. L-lower side band.. M-modulated CW.. R-radioteletype.. S-single side band.. U-upper side band.. 3-A3H..

Hello Gang: Hopefully you have already read other columns in this bulletin, so you know about the mailing label ID/credit point problem. Please indicate same, next time, to insure being credited for contributing.....

13831.0 1830 ASIII KAA60-FCC Grand Island NE- FOXs (110/425r)(JEB)
13842.5 2107 74/850n KRH51-USEMB London ENG - FOXs (HLH-TX)
13895 1745 66/425n Y2V47-ADN Berlin GDR - AA/NX (JEB-GA)
13925 1440 66/325n Y3D5-DP Berlin GDR - RYs (RMA-IA)

*** Our own Bob Leary, president of Galaxy Electronics, has available a new summer products catalog. Rigs include, Sony, Icom, Panasonic, Yaesu, Kenwood, Bearcat, J.I.L. & Regency scanners & various CB rigs, along with many different SWL publications.... A further price discount can be had, by indicating that you saw it in Speed, and that you are a member.... Catalog is \$1.00 (free UPS shipping within CONUS). You may write for catalog # 583 or phone Galaxy direct at:

14296 0355 66/425r 700/425n VOA La Union PHIL - RYs/FOXs (JEB-GA)
14525 2355 100/425n 9HC67-JANA Malta - AA/NX (JEB-GA)
14573 1730 66/425n CAK-Air Force Santiago CHIL - Notams (AM-UK)
14600 2335 66/425n ISX46-ANSA Rome ITLY - EE/NX (ERP-MD)
14630.4 1915 50/425n ATP65-INFOIND New Delhi INDI - EE/NX (AM-UK)
14785 0937 66/425n Y2V-ADN Berlin GDR - EE/NX (ERP-MD)
14825 1920 50/425n CLN - PL Havana CUBA - EE/NX (ERP-MD)
14901 1930 66/425n NTK- NCS Keflavik ICE - FOXs (JEB-GA)
15563 0000 100/850r NRK- NCS Keflavik ICE - FOXs (JEB-GA)
15980 1645 100/850r NRK- NCS Keflavik ICE - FOXs (JEB-GA)
16106 1956 66/425n FPQ- Diplo Paris FRAN - FF/NX (JEB-GA)
16112a 1215 66/425n CLEP9-ETPABACUBA Beirut LEB - coded msg (RMA-IA)
16135.4 0755 66/850r XYN36-PTP Rangoon BURM - ttc to Karachi (AM-UK)
16264 1805 66/850n 9VPF206- ANSA Singapore - EE/NX (JEB-GA)
16289.4 1450 66/425r ORI46- PTP Brussels BELG - msgs Guinea (AM-UK)
16372.7 1505 66/425r MSU- ENG Army London ENG - FOXs (AM-UK)
17095 var. 100/850r RETJ- Madrid NAVRAD SPAN - WX (HLH-TX) (RMA-IA)
17108 1355 100/850r RFLIEP- Ft. de France NAVRAD MART- ttc (RMA-IA)
18035 1600 66/850r JAT28- KDD Tokyo JPN - RYs (TAG-UK)

GALAXY ELECTRONICS, Box 1202, 67 Eber Avenue, AKRON, OH 44309
telephone - (216) 376-2402

18070 1710 100/850r NTK- NCS Keflavik ICE - FOXs (JEB-GA)
18250.5 1610 66/425n 9KT346- KUNA Kuwait - EE/NX (TAG-UK)
18810 1023 100/425r SAM81-SWED EMB Bissau GUTA ttc Stockholm(AM-UK)
18988 0255 66/425r JAX78- KDD Tokyo JPN - RYs (JEB-GA)
18989.8 1130 66/425r PAKI EMB Kuwait - msg to Islamabad (AM-UK)
18997.6 1130 66/425r PAKI EMB Tripoli LYBA - msg Islamabad (AM-UK)
19100.6 0900 66/850r S2M33- BSS Dacca BANG - EE/NX (AM-UK)
19155 0930 66/425n ATG70- FTI New Delhi INDI - EE/NX (AM-UK)
19690 0122 50/850r AXM37- Canberra Metro AUST - RYs/WX (HLH-TX)
19705 1140 100/425n POL EMB Tehran IRAN - msg to Warsaw (AM-UK)
19733.6 1130 74/425r 4JA- UNO Rawalpindi PAKI - QRA mkr (RMA-FRAN)
19922.5 1650 74/425r 4U239- UNO Geneva SWIS - ttc (HLH-TX)
20078.3 1630 50/425r FTU88- Diplo Paris FRAN - FF/NX (HLH-TX)

*** I have several ute publications to review, but will hold off this month for lack of space.....
*** The bad news is that this issue had 73 contributors, with a ton of individual submissions. Lack of space has forced me to once again, slaughter your contributions. This time, most of the easily heard and regularly reported types were trashed. Every contributor has been credited, even though a few of you had virtually all your submissions cut. No other choice, as I must unload some of the QSL backlog.....

18070 1710 100/850r NTK- NCS Keflavik ICE - FOXs (JEB-GA)
18250.5 1610 66/425n 9KT346- KUNA Kuwait - EE/NX (TAG-UK)
18810 1023 100/425r SAM81-SWED EMB Bissau GUTA ttc Stockholm(AM-UK)
18988 0255 66/425r JAX78- KDD Tokyo JPN - RYs (JEB-GA)
18989.8 1130 66/425r PAKI EMB Kuwait - msg to Islamabad (AM-UK)
18997.6 1130 66/425r PAKI EMB Tripoli LYBA - msg Islamabad (AM-UK)
19100.6 0900 66/850r S2M33- BSS Dacca BANG - EE/NX (AM-UK)
19155 0930 66/425n ATG70- FTI New Delhi INDI - EE/NX (AM-UK)
19690 0122 50/850r AXM37- Canberra Metro AUST - RYs/WX (HLH-TX)
19705 1140 100/425n POL EMB Tehran IRAN - msg to Warsaw (AM-UK)
19733.6 1130 74/425r 4JA- UNO Rawalpindi PAKI - QRA mkr (RMA-FRAN)
19922.5 1650 74/425r 4U239- UNO Geneva SWIS - ttc (HLH-TX)
20078.3 1630 50/425r FTU88- Diplo Paris FRAN - FF/NX (HLH-TX)

**** NORTH AMERICA ****

AK.: 11176.0 U 0123 AKA5- Elmendorf Alys wkg CANWIL 118 (JOH-WD)
GRLD: 6738 U var. XPH- Thule Alys wkg MAC 59405/Lark 80 (JOH) (RLR-KS)
MEX.: 8471 C 0102 XFI- Marzatlan MARCO - CQ mkr (SH-QUE)
8568 C 0221 XFM- Marzanillo MARCO - CQ mkr (JEB-NJ)
21829 C 1315 XFM- Marzanillo MARCO - CQ mkr (AK-MD)
USA.: 2670 U 0427 NMF2- CG Woods Hole MA-"PAN" m/v Lisa (JFH-MA)
4144 U 0304 KDL- Houston TX MARCO wkg m/v Creole (JRJ-MS)
5692 U 0351 NHI- CGAS Chicago wkg CG 1466 (JOH-WD)
5696 U 0300 NMA- CG Miami wkg CG 2109/1483 re; rescue (CG-DE)
5882 U 1542 Cape Radio wkg ACAR 22 dxp 4992 (PAL-OH)
6219 U 2034 KEL- Orange TX MARCO wkg m/v Johnny Brown. (JRL-MS)

USA.: 7752.5 C 0210 WPA57- ITT New York - "QIT DE ITT COM NY" mkr (RMA-IA)
 8294.2 U 0601 XKR909- Morgan City LA wkg m/v Dilly Mike (RLK-NM)
 8771.6 U 0031 ICSB-1 San Diego wkg USS New Jersey (GD-CA)
 10493 U 1548 WGY905/portable x/c WCY 915 (FEMA) (RLR-KS)
 10588 U 1618 WGY907 (FEMA) wkg WGY 905 (RLR-KS)
 10780 U 1610 Cape Radio wkg ECHO 21 (ES-MA)
 13081 C 1515 WGI- Chatham MA MARCO - DE mkr (RMA-FRAN)
 13095 C 1530 WSI- Amagansett NY MARCO - DE mkr (RMA-FRAN)
 14450 U 1838 WGY910 (FEMA) voice IDs & RTTY test tape (RLR-KS)
 15540 C 2024 KKN50- USDOS Wash DC - QRA mkr (HLH-TX)
 17925 U 1727 Houston LIDOC wkg 711 Sugar Charles (JCH-MD)
 17964 U 1939 Rockwell Flight Test wkg ROCKSY 6/ (TM-NC)
 18525 C 2022 KKN50- USDOS Wash DC - QRA mkr (SN-TX)

**** CENTRAL AMERICA ****
 BELZ: 11204 U 1908 Belize Flight Watch (RAF) wkg Ascot 2708 (JCH-MD)
 COST: 13098 C 1813 TIM- Limon MARCO - CQ mkr (HLH-TX)
 17149.1 C 1702 TIM- Limon MARCO - CQ mkr (HTT-WV)
 22336 C 1723 TIM- Limon MARCO - CQ/QSX mkr (RMA-IA)
 21176 U 2120 WPC6- Albrecto Ays wkg BASCO 38 (JCH-MD)
 17130 C 2023 HPN60- Puerto Armeulles MARCO - CQ mkr (SH-QUE)
 22413 C var. HPN60- P.A. MARCO - CQ/QSX mkr (HLH) (JHW) (RMA-FRAN)

**** CARIBBEAN ****
 BARB: 6380 C 0636 8FO- Bridgetown MARCO - DE mkr (TES-GA)
 12708.5 C var. 8FO- Bridgetown MARCO - DE mkr (SH-QUE) (FWB-NJ)
 8569 C 0244 CMU967- Soviet NAVRAD wkg RIW (FWB-NJ)
 11114 C var. CMU967- NAVRAD c/g RMWZ/HPFK/UAWM (MDC-NY) (GD-CA)
 17190a C 1617 CUN6653- Havana NAVRAD - callup UJY2 (RMA-IA)
 13065 C 1640 6VI- Kingston MARCO - CQ mkr into file list (AK-MD)
 4263 C 0328 FPP2- Ft. de France MARCO - CQ mkr (TFS-NY)
 8676 C 2120 FPP3- Ft. de France MARCO - CQ mkr (SH-QUE)
 META: 13042.5 C 1904 PJC- Curacao MARCO - CQ mkr (HLH-TX)

**** SOUTH AMERICA ****
 BRZL: 8520 C 0355 PPO- Olinda MARCO - DE mkr (JFH-MA)
 22530.5 C 2155 PWZ33- Rio de Janeiro NAVRAD- WX b/c (FWB-NJ)
 22382.5 C var. PPR- Rio de Janeiro MARCO - V mkr (JHW-NJ) (FWB-NJ)
 22419 C 1100 PPS- Rio de Janeiro MARCO - t/c list (RMA-FRAN)
 CHIL: 4380.5 C 0136 CCR- Santiago NAVRAD - V mkr (FWB-NJ)
 6387 C 0638 HKG- Buena Ventura MARCO - DE mkr (TES-GA)
 13087.5 C 2053 HKB- Barranquilla MARCO - CQ mkr (PAC-UK)
 17004 C 2248 HKB- Barranquilla MARCO - CQ/QSX mkr (JHW-NJ)
 ECUA: 13950 L 1630 HOU59/1- USMAG Quito wkg AHF4 Albrecto (RLR-KS)
 PERU: 11215 U 0450 Lima LIDOC wkg Eastern 915 (JCH-MD)
 URG: 12749.5 C var. CWA- Gerrito MARCO - CQ/QSX mkr (FWB-NJ) (AK-MD)

20610.9 1820 ASUII KW21-SIAO Cambridge wkg OCK25(110/850n) (HLH)
 20904.8 1130 100/425r CZEC EMB Luanda ANGO - t/c to Prague (AM-UK)
 20908.7 0943 100/425r CZEC EMB Kabul AFGN - t/c to Prague (AM-UK)
 20908.7 1050 100/425r CZEC EMB Istanbul TURK - t/c to Prague (AM-UK)
 20916 1610 66/425n CLF7- EMBACUBA Brazzaville CONG- msgs (AM-UK)
 20960.1 1100 100/425r SAM73- SWED EMB Lagos NIGR - t/c SAM (AM-UK)
 20990.6 0915 100/425r 7AI- CZEC EMB Baghdad IRAQ- msg Prague (AM-UK)
 22067.7 var. 66/850n CCS- Santiago NAVRAD OHIL - WX (EFP-MD) (JEB-CA)
 23527.7 1020 100/425r SAM71- SWED EMB Dar-es-Salaam TANZ- t/c (AM-UK)

**** OUTER SPACE ****
 RS5- Russian AMSAT - beacon (TFS-NY)
 Oscar 8 - US AMSAT - ID/t/c relay (TFS-NY)

**** QSLs ****
 AIRCRAFT: - TEAL 01 - WC-130 Wg recon- PFC 6d MS 11246 kHz (TES-GA)
 SHIPS: WVVH- NOAA ALBATROSS 4 - PFC 26d MS 8241.5 kHz (TES-GA)
 NVAL- CCC VALLANT - PFC in 21d for MS 6518 kHz (RLK-NM)
 LHOE- BARGER TOBA - PFC in 90d for MS 500 kHz (HH-MD)
 KDFP- MOUNT VERNON VICTORY - Ltr in 66d for MS 500 kHz (HH-MD)
 KDWC- FRIO - PRltr via KUY 10d MS 12429.2 kHz (HH-MD)
 KGFA- SABINE - PRltr via KUY 10d MS 12429.2 kHz (HH-MD)
 KSNP- SAN MARCOS- PRltr via KUY 10d MS 12429.2 kHz (HH-MD)
 KZCZ- CONCHO - PRltr via KUY 10d MS 12429.2 kHz (HH-MD)
 WSWA- SANTA MARIANA- PFC, pix in 95d for MS 12350 kHz (HH-MD)
 PEVA- ICE EXPREEE- Ltr, pix in 73d for IRC 12367.2 kHz (HH-MD)
 JAYP- SEIYO MARU - Ltr in 2 years of IRC 16727.2 kHz (HH-MD)
 ZRGS- S.A. WATERBERG- PFC in 180d for IRC 12545.4 kHz (HH-MD)
 LIMG- OSCO BEDUIN- PFC in 54d for IRC 12398.2 kHz (HH-MD)
 WZG- ALASKAN- PFC in 24d for MS 8295 kHz (HH-MD)
 WZL8190- WESTWARD- Ltr, pix in 87d for MS 12340 kHz (HH-MD)
 WYH6633- MISTER WATN- Ltr in 10d for MS 12435.4 kHz (HH-MD)
 KCLZ- CHILBAR - PFC in 14d MS 500 kHz (HH-MD)
 WFJK- PUERTO RICO - PFC in 50d MS 500 kHz (HH-MD)
 WJBJ- SEALAND PRODUCER - Ltr in 25d for MS 500 kHz (HH-MD)
 LIED- BARBARA TALF - Ltr, pix in 14d for MS 500 kHz (HH-MD)
 ELUN- STREAM HAWSER - PFC in 50d for MS 500 kHz (HH-MD)
 KESN- METON - PFC in 28d for MS 500 kHz (HH-MD)

AK.: NOJ- USFG Kodiak - PFC, ltr in 11d 6506.4 kHz (RLK-NM)
 AUST: VNG- SFTS Lyndhurst - folder card 47d, 4,5/7,5/12.0MHz (TLP-OH)
 AZOR: C5Y66- Santa Maria Air- Ltr 220d IRC- 14497.5 kHz (PAC-UK)
 BARB: 8FO- Bridgetown MARCO - Ltr 90d XRP 8449.3 kHz (TY-MD)
 CAN.: CHU- SFTS Ottawa - Card in 23d XRP 3330 kHz (RMS-NY)
 CHU- SFTS Ottawa - Card in 152d 7335 kHz (PMD-OH)
 CHU- SFTS Ottawa - Card in 70d 7335 kHz (TLP-OH)

**** EUROPE ****
 KWS78- USEMB Nicosia - QRA/QSX mkr (FWB-NJ)
 KWS78- USEMB Nicosia - QRA/QSX mkr (FWB-NJ)
 CYPRT: 7645.0 C 2251
 10255 C 2239
 11234 U 0503 Cyprus Flight Watch(RAF) wkg Ascot 4855 (JOH-MD)
 15754.4 C 1600 MKD-RAF Akrotiri - DE mkr (RMA-FRAN)
 DEN.: 4303 OXZ2- Lyngby MARCO - CQ mkr (FJO-OH)
 22404 C 1720 OXZ92- Lyngby MARCO - CQ mkr (HDT-WV)
 ENG.: 3435 GYA- London NAVRAD - DE/QSX mkr (FWB-NJ)
 5703 AJE- Croughton Ays wkg Gull 16 (JCH-MD)
 6750 U ---- AJE- Croughton Ays wkg CATBIIRD (JCH-MD)
 8921 U 0503 Speedbird London(LDOC)wkg Speedbird 146 (JOH-MD)
 10072 U 0014 Speedbird London(LDOC) wkg a/c 3364 (JCH-MD)
 11176 U 0817 AJE- Croughton Ays wkg Nightengale 265 (RHA-UK)
 FRAN: 12875 C 2056 FUG- Castelnaudry NAVRAD - QSX mkr (SH-QUE)
 GDR.: 8588 C 0430 YSM- Ruesgen MARCO - DE mkr (JPI-MS)
 FRG.: 4010 U 1831 DFD21- DEB Frankfurt - CG/VI/VW (IK-UK)
 5307 U var. AEA- US Army Pirmasens-EE/OM/VN (JRM-MS) (TES-GA)
 5680 U 1240 Luftflot Rescue wkg Rescue 8968 in EE (IK-UK)
 11118 L 0045 AEA- US Army Pirmasens - EE/OM/VN (RUR-KS)
 17992 U 1846 DHM91 - (GG AF) clg GG AF a/c 1003 (JOH-MD)
 GIBR: 11234 U 1922 Gibraltar Flight Watch wkg BRIDE 13 (JCH-MD)
 GREE: 8681.5 C 0314 SVT- Athens MARCO - DE mkr (FWB-NJ)
 13082 C 1500 SVT- Athens MARCO - DE mkr (RMA-FRAN)
 ICE.: 8891 U 0036 Revfjavik Aero wkg Icelandia 413 (JCH-MD)
 ITLY: 4280 M 0311 IDQ- Rome NAVRAD - ID mkr (FWB-NJ)
 6745 U 0227 IDR- Rome NAVRAD-EE/IT wkg IGI & C2S (MDC-NY)
 8656 C 0415 LAR38- Rome MARCO - DE mkr (JFH-MA)
 9090 C var. IDR4- Rome NAVRAD - V mkr (HLH-TV) (FWB-NJ)
 12975 C 1630 IQX- Trieste MARCO - V mkr (AK-MD)
 13657 C 0128 IDR5- Rome NAVRAD - V mkr (FWB-NJ)
 16004 C 1607 IDR5- Rome NAVRAD - V mkr (HDT-WV)
 NOR.: 16928 C 1653 LFX- Rogaland MARCO - CQ mkr (HDT-WV)
 17074 C 1940 LGX- Rogaland MARCO - CQ/QSX/MC mkr (JEB-CA)
 PORT: 6389 C var. CTP90- Oeiras NAVRAD - DE/QSX mkr (RWA-IA) (TES-GA)
 8468.5 C 0311 CUL7/8- Lasbon MARCO- CQ/QSX (FWB-NJ) (SH-QUE) (JFH)
 SCOT: 4707 U 1745 Buchan Radar (RAF) wkg 5 Juliet Uniform 31 (IK-UK)
 5695 U 1927 Edenburgh Rescue wkg Rescue 05 (IK-UK)
 SPAN: 4311.3 C 0351 EBA- Madrid NAVRAD - EBQ mkr (FJO-OH)
 6378 C 0632 EBA- Madrid NAVRAD - EBQ mkr (TES-GA)
 SWIS: 6526 U 0494 Berne LDOC wkg Swiss Air 111 (JCH-MD)
 16863.3 C 1555 HEB- Berne MARCO - CQ mkr (HLH-FX)
 TURK: 6395 C 0323 TBA2/3- Izmir NAVRAD - V mkr (RFB-MO)
 11176 U 2112 AJG9- Inçirlik Aways wkg Alfa 6 Romeo (JCH-MD)
 USSR: 5128 C 1916 RLW- Khiva NAVRAD - clg RMYX (IK-UK)
 6485 C 0330 UAH- Tallin MARCO - CQ mkr (RFB-MO)

CAN.: VNG- GANDER VOLMET - Card in 15d 5652 kHz (PMD-NY)
 COST: TIM- Limon MARCO - Ltr in 104d for 2 IRCs 4290 kHz (TES-GA)
 CYPRT: 58A- Nicosia MARCO - Ltr in 25d for IRC 13122.5 kHz (RMS-NY)
 DEN.: OXZ67/81- Lyngby MARCO- Card 53d 12916.5/16920 kHz (SB-CT)
 HDZ10A- SFTS Guayaquil - Card 38d MS 3810 kHz (TLP-OH)
 ECUA: HDZ10A- SFTS Guayaquil - Card 35d XRP - 7600 kHz (AJD-NJ)
 ENG.: GYA- Whitehall NAVRAD- Ltr 25d 17030.4 kHz (SB-CT)
 MVV- West Draxton VOLMET - Ltr in 100d MS 4721 kHz (PMD-NY)
 FIN.: OFH- Mylemuth NAVRAD - Ltr in 40d 4310 kHz (SB-CT)
 FOC- Mariehamn MARCO - PFC 26d IRC 2182 kHz (PAC-UK)
 GDR.: Y3S- SFTS Nauen - Card in 82d 4525 kHz (TLP-OH)
 GREE: SVA- Athens MARCO - Card 106d for IRC 8692.8 kHz (TES-GA)
 SVB4/8687, SVD5/12942, SVB6/13029, SVD4/8692.5, SVD6/16966,
 SVD7/22471.5, SVA6/17194.6, SVF7/22500, SVI4/8681 kHz All
 Athens MARCO - Cards sent in one envelope 27d (SB-CT)
 HI...: WVWV- SFTS Kauai - Card in 30d XRP 5000 kHz (?I-CA)
 NMO- USOC Honolulu - Ltr in 23d 8650 kHz (SB-CT)
 HOLL: PCH70- Scheveningen MARCO - Card 27d 22324.5 kHz (SB-CT)
 PC652- Scheveningen MARCO - Card 37d 13119.4 kHz (SB-CT)
 PCH52- Scheveningen MARCO - Card 37d 12853.5 kHz (SB-CT)
 EIRE: EJK- Valentia MARCO - PFC in 5d IRC 2182 kHz (PAC-UK)
 ITLY: IRM- C.I.R.M. Rome - Card in 21d 21760 kHz (SB-CT)
 ICE- Genoa MARCO - Ltr in 25d for IRC 12978 kHz (GHS-IL)
 JPN: JDC- Choshi MARCO - Card 20d for IRC 16998.5 kHz (GHS-IL)
 JOS- Nagasaki MARCO - Card 21d XRP (TJY-MD)
 NETA: PJC- Curacao MARCO - Card in 26d 6491.5 kHz (SB-CT)
 NZEL: ZKAK- Auckland VOLMET - Ltr 36d 3 IRCs 8828 kHz (RLK-NM)
 NOR.: LGL- Floro MARCO - Card in 23d IRC 2694 kHz (PAC-UK)
 PAN: AFB3- Albrook AFB - PFC in 34d for MS 8993 kHz (RLK-NM)
 P.R.: USGAS Borinquen - PFC in 49d for MS 8960 kHz (RLK-NM)
 SCOT: GHD- Hebrides MARCO - PFC in 4d for MS 2182 kHz (PAC-UK)
 SURI: PZM4- Paramaribo MARCO - Ltr in 60d 13046 kHz (SB-CT)
 SWED: Coteborg MARCO - SAG8/17079.4, SAG6/12880.5, SAG9/22413,
 SAG8/17079 kHz - Card in 41d (SB-CT)
 SWIS: HEB- Berne MARCO - Card in 17d 16863.3/22344.4, 5 kHz (SB-CT)
 TURK: Turkish Police Ankara - Card in 340d IRC 6340 kHz (HDT-WV)
 USSR: RK02- Iskra 2 AMSAT - Card, ltr 245d 3 IRCs 29375 kHz (TC-MN)
 USA.: WOM- Ft. Lauderdale MARCO - Card 14d MS 17265 kHz (THT-CA)
 NMA - USSC Miami FL - Card in 9d MS 6518.8 kHz (RMS-NY)
 WGM- Pittsburgh IMAAR - PFC, ltr in 13d MS 6515.7 kHz (RMS-NY)
 WSY70- New York VOLMET - Card 12d MS (PMD-NY)
 VOA Feeder Greenville NC- Ltr 152d MS (PMD-NY)
 Oakland VOLMET - Card in 12d MS 8903 kHz (PMD-NY)
 WCC- Chatham MA MARCO - Ltr 9d XRP - (MAM-VA)
 WNU- Silldell LA MARCO - Card in 59d XRP - 8525 kHz (MAM-VA)

USSR: 10090 U 0428 Novosibirsk VOLMET EE/YL (JOH-MD)
 12678 C 0259 UQB-Kholmusk MARCO - V mkr into t/c list (FWB-NJ)
 13088.5 C 1700 UAT-Moscow MARCO - ??? (RMA-FRAN)
 16865 C 1553 UJY-Kaliningrad MARCO - ??? mkr (HLH-TX)

**** AFRICA/MIDDLE EAST ****

ALGE: 8894 U 2352 Algiers Aero wkg Zambian 701 (JCH-MD)
 ANGO: 12780 C 0450 DFE51/61-Luanda MARCO - CQ mkr (SH-QUE) (FWB-NJ)
 ASCN: 8993 U 0450 AFD14-Ascension Avys wkg Lima Papa 500 (JFH-MA)
 11176 U 0253 AFD14-Ascension Avys wkg MAC 70014 (GHS-IL)
 12303.2 U 2032 ZB156-C&W Georgetown wkg St. Helena (IK-UK)
 BRAN: 8918 U 0127 Bahrain Aero wkg Egypt 865 (CG-DE)
 EFTI: 13000 U var. Cairo Aero wkg Kenya 164/Nairobi 750(JCH)(RH-TN)
 EPHO: 11300 U 0002 AdDis Ababa Aero wkg Aeroflot 447 (JCH-MD)
 GAB.: 6589 U 0435 Libreville Aero - EE WX b/c (RH-TN)
 GHAN: 8903 U 2250 Accra Aero wkg KLM 732 (CG-DE)
 LIBE: 1474 C var. KKN44-USEMB Monrovia-QRA/QSX mkr (SH-QUE)(FWB)
 MAUR: 12988 C 1331 3BMS- Mauritius MARCO - CQ mkr (AK-MD)
 NIGE: 8894 U 0440 Niamey Aero wkg Portugal 255 (JCH-MD)
 NIGR: 13356 U 2057 Lagos Aero wkg Niger 981 (JCH-MD)
 PAKI: 13010.5 C 2210 AQP-Karachi NAVRAD - V mkr (FWB-NJ)
 SPHL: 11092.5 L 2034 C&W St. Helena wkg Ascension-dpx 12303.2 (IK-UK)
 SAUD: 4295 C 0414 6VA3-Dakar MARCO - DE mkr (RBF-MO)
 SENEG: 8861 U var. Dakar Aero wkg Varig 740/Gubana 492(RLK-NM)(JCH-MD)
 SOAF: 5000 C 0400 ZUO-SFIS Pretoria - CW ID (RUR-RS)
 8470.5 C 0213 ZRQ-Cape NAVRAD Simonsom - V mkr (FWB-NJ)
 8566 C 0237 ZSJ4-Cape NAVRAD Silvermine - CQ mkr (FWB-NJ)
 8933 U 0446 Springbok Joburg(IDOC) wkg Springbok 201 (JCH-MD)
 SUDN: 5658 U 0055 Khartoum Aero wkg Speedbird 505 (JCH-MD)

**** ASIA/PAC EAST ****

DIEG: 11176 U 1809 NKV-Diego Tower wkg MAC 60205 (JCH-MD)
 HONG: 13282 U 1445 Jng Kong VOLMET (HCB-WA)
 JPAN: 4276 C 1115 Hng Tokyo NAVRAD - CQ mkr (RBF-MO)
 7836.6 U 1123 NRT9-Hokkaido Loran r/c Yokota Monitor (MTC-AZ)
 10464 C 1756 KMI90-USEMB Tokyo c/g KMK99 (IK-UK)
 16998.5 C 2333 JDO-Choshi MARCO - CQ/QSX mkr (JHW-NJ)
 ROK.: 17130 C 0200 HLW-Seoul MARCO - CQ/QSX mkr (JEB-CA)
 PHIL: 4278 C 1102 DZP-Manila MARCO - V mkr (RBF-MO)

**** PACIFIC OCEAN ****

AUST: 8975 U 1230 AFP-Air Force Sydney c/g AF Darwin (JDM-MN)
 11235 U 0512 XFG-Air Force Sydney wkg Australian 77 (JCH-MD)
 12000 A var. VPO-SFIS Lyndhurst (TJK-MI)(DB-AR)(MH-OH)
 CARO: 7836.6 U 1115 NRT7-Yap Loran wkg Yokota Monitor (MTC-AZ)

USA.: WOM-Ft. Lauderdale MARCO - Card in 15d MS 4407 kHz (LMT-SD)
 WXT613-Cincinnati OH TIS- Card 26d MS 1610 kHz (TLP-OH)
 AFL-Loring AFB ME - PFC in 6d for MS 6750 kHz (TES-GA)
 KUY-Sabine Towing & Transportation Co, Groves, TX - Ltr in 10d for MS - 12429.2 kHz (HH-MD)
 NMO-USOC San Francisco CA - Card in 45d MS 2670 kHz (RLX-NM)
 WLO-Mobile AL MARCO - Ltr in 51d for MS 8790 kHz (RLK-NN)
 VYVO-SPTS Casacas - Card in 106d IRC 6100 kHz (TES-GA)
 VYVO-SPTS Caracas - Card in 59d MS 6100 kHz (TLP-OH)
 VYVO-SPTS Caracas - Card in 45d XRP - 6100 kHz (AJD-NJ)

LONG WAVE:

GBR - SPTS Rugby ENG - Card in 23d 2 IRCs - 16 kHz (TLP-OH)
 WVB-SPTS Ft. Collins CO - Card in 23d - 60 kHz (TLP-OH)
 GIL - Infracore MARCO ENG - PFC in 5d for MS - 500 kHz (PAG-UK)
 LJK - Hanover City Muni, Ashland VA - PFC 150d MS 280 kHz (HH-MD)
 TVB - Cabool Memorial Airport, Cabool MO - Ltr - 383 kHz (HH-MD)
 BVP - Kerr McGehee Oil Platform (Gulf) Ltr 22d MS 363 kHz (HH-MD)
 BQZ - Freeman Muni, Seymour IA - PFC 7d MS 308 kHz (HH-MD)
 OWI - Ed's Airotive, Ottawa Muni, KS PFC 28d MS 251 kHz (HH-MD)
 LUC - Ellington Airport, Lewisburg TN- PFC 60d MS 251 kHz (HH-MD)
 GAO - Butler Graham Airport, Butler PA - PFC 8d MS 375 kHz (HH-MD)
 PFP - Ft. de France MARCO MART - PFC in 26d IRC - 500 kHz (HH-MD)
 S7 - Hanover Airport, Hanover ONT - Ltr 40d MS 268 kHz (HH-MD)
 SLS - FAA Morristown Airport NJ - Ltr 28d MS 392 kHz (HH-MD)
 WMS - Sallinas, BCUA - PFC in 37d IRC - 415 kHz (HH-MD)
 YXK - Aeroclub de Rimouski QUE - PFC in 48d 373 kHz (HH-MD)
 FIC - Rochambeau Airport, Cayenne FTTG- PFC 24d IRC 327 kHz (HH-MD)
 YEL - Elliot Lake Airport, ONT- PFC in 58d MS 276 kHz (HH-MD)
 HZR - False River AirPark Airport, New Roads LA - PFC in 12d MS 356 kHz (HH-MD)

YRQ - St. Maurice Aero Club, Trois Riviars Airport, QUE - PFC in 39d for MS 205 kHz (HH-MD)
 PDW - Evansville Dress Reg Airport, IN - Ltr in 14d MS-284 kHz (HH-MD)
 CHK - Miami Airway Facilities Sector, Miami FL - Ltr in 15d XRP 365 kHz (HH-MD)
 KTN - Manley Int'l Kingston JAM - PFC in 30d IRC - 360 kHz (HH-MD)
 VBB - CAN CG Sault Ste. Marie ONT - Ltr in 23d 500 kHz (HH-MD)
 TRX - Trenton Muni MO - PFC in 15d MS 400 kHz (HH-MD)
 MGI - Manteco Airport, NC - PFC 397 kHz (HH-MD)
 CJ - Johnson City Airport, Olathe KS- PFC 29d MS 526 kHz (HH-MD)
 YWN - Winisk Airport, ONT - PFC in 37d MS 401 kHz (HH-MD)
 RD - Reading Muni, PA - PFC in 23d MS 356 kHz (HH-MD)

FFPO: 5643.0 U 0515 Tahiti Aero wkg Navy 58227 (JCH-MD)
 8625 C 0428 FUM- Papette NAVRAD - V mkr (JFH-MA)
 8667 C 0333 Tahiti Aero wkg South Pacific 810 (CC-DE)
 12664 C 0309 FUM- Papette NAVRAD - V mkr (FWB-NU)
 GUAM: 6506.4 U 1313 NRV- CG Guam - marine WX b/c (RWP-CO)
 HT...: 6506.4 U 0616 NMO- CG Honolulu wkg NOAA Townsend Cromwell (RLK)
 8843 U 0444 Honolulu Aero wkg Hawaiian Express 22 (JCH-MD)
 8984 U 0448 NMO- CG Honolulu wkg CG 1339 rv; plane crash (JCH)
 MARC: 7836.6 U 1132 NRV6- Marcus Loran wkg Yokota Monitor (MTC-AZ)
 NCAL: 8646 C 1145 FUJ- Noumea NAVRAD - V mkr (AK-MD)
 22461 C 2345 FUJ- Noumea NAVRAD - V mkr (JHM-NJ)
 NZEL: 8828 U var. Auckland VOLMET (RWP-CO) (AK-MD) (RLK-NM)
 19488.2 C 0207 ZLX31- Wellington on Metro - WX b/c (HLH-TX)
 22532 C 2352 ZLB- Awarua MARCO - DE/GSX mkr (JHW-NJ)
 VOLC: 7836.6 U 1130 NRT3- Iwo Jima Loran wkg Yokota Monitor (MTC-AZ)
 13974 U 0425 NNNØCE- McMurdo Sta MARS (ANTA) p/p t/c (TP-KY)

**** SHIPS ****

2182.0 A 2026 HNNB- IEN ALBERTAR clg Valentia MARCO (PAC-UK)
 2182 U 0600 UDPL- name ?? MAYDAY t/c with CG Ft. Macon GA (JFH-MA)
 4109 C 0108 H9QV- THE ORIENTAL DIPLOMAT wkg ??? (BKO-VA)
 4144 U 1056 KFTU- CARBIDE SEADRIFT wkg WCC (TES-GA)
 4388 U 2148 C66P- SCANDINAVIA p/p via WOO (SH-QUE)
 4407 U 0050 m/v NORWAY p/p via WOM (FFS-NI)
 5320 U 0210 NFPJ- CGG RELIANCE wkg CG Miami FL (RJC-MA)
 5696 U 2050 NQSP- CGG VIGOROUS wkg CGAS Cape Cod MA (CC-DE)
 6200 U 0449 NRKN- CGC BEAR wkg CG Portsmouth VA (CPW-MH)
 6200 U var. NRPJ- CGG NORTHWIND wkg CG NMC/MMG (RWP-CO) (TES-GA)
 6200 U 0501 m/v SEA ENCOURAGEMENT wkg CG San Francisco (RWP-CO)
 6272.7 C 0255 HOCH- SUN DIAMOND wkg WCC (RMA-IA)
 6310 C 0049 RMMZ- (USSR Naval vessel- callup to ESF (MDC-NY)
 6506.4 U 1307 WTEQ- NOAA PIERCE wkg CG Portsmouth VA (JDM-MN)
 6506.4 U 1240 WTEC- NOAA MOUNT MITCHELL wkg CG Portsmouth (JDM-MN)
 6506.4 U 0624 WTEA- NOAA DISCOVERER wkg CG San Francisco (RLK-NM)
 6506.4 U 0613 WTFP- NOAA TOWNSEND CROMWELL wkg CG San Fran (RLK-NM)
 6506.4 U 1303 NODG- CGC BASSWOOD wkg CG Guam (RWP-CO)
 6506.4 U 0629 WTES- NOAA SURVEYOR wkg CG San Francisco (RLK-NM)
 6506.4 U 0018 NODV- CGC SASSAFRAS clg CG Honolulu (CS-MO)
 6510 U 0123 m/v OREGON wkg m/v DELEWARE 2 (CS-MO)
 8291 U 0128 WTPØ768- name ??? wkg WPE (TES-GA)
 8366 C 0412 HOOE- OCEANIC clg WNU (MWJ-ID)
 8765.4 U 0820 NRKN- CGC BEAR wkg CG San Francisco (CD-CA)
 8765.4 U 0030 WTER- NOAA RESPARHER wkg CG Portsmouth VA (JDM-MN)
 8765.4 U 0038 NODV- CGC SPAR wkg CG Portsmouth VA (JDM-MN)
 12330 U 0222 m/v ROYAL POLARIS wkg KMI (RWP-CO)

*** The 73 utility contributors this month were:

(RMA-FRAN)	Roger Aked	(IK-UK)	Ian Kerr
(BLA-PA)	Brian Alexander	(PTK-IL)	Patrick Kerrigan
(RMA-IA)	Rod Alexander	(RLK-NM)	Robert Kivell
(RHA-UK)	Richard Arland	(AK-MD)	Anthony Kobylski
(MEA-NC)	Mark Ashley	(KWK-VA)	Kraig Krist
(SB-CT)	Sam Barto	(EDK-MI)	Eugene Krolak
(HCB-WA)	Hobart Beal	(RAL-OH)	Robert Leary
(FWB-NJ)	Fred Belghaus	(JFL-MS)	James Levya
(JEB-GA)	Jason Berril	(RJL-GA)	Robert Lewallyn
(DB-AR)	Donald Brewer	(AN-UK)	Alex Moore
(CC-DE)	Cornelia Campbell	(TW-NC)	Todd Morgan
(PCC-RI)	Peter Gard	(RPM-GA)	Ralf Munster
(MTC-AZ)	Mike Chabak	(SN-TX)	Sam Neal
(RJC-MA)	Robert Coleman	(BKO-VA)	Bruce Opitz
(PAC-UK)	Peter Conway	(FJO-OH)	Fred Osterman
(LC-OH)	Larry Cunningham	(RWP-ME)	Roger Pettengill
(AJD-NJ)	A.J. Delnet	(WP-MS)	William Polsgrove
(JHD-PA)	John Demmitt	(TLP-OH)	Terry Provanoe
(CD-CA)	Chris Devendorf	(RLR-KS)	Robert Rankin
(TF-KY)	Ted Fleischaker	(RR-MA)	Robert Raymond
(RBF-MO)	Robert Flick	(TFS-NY)	Thomas Sable
(ERF-WD)	Edward Flynn	(MAS-OH)	Mike Schulzinger
(TAG-UK)	Tracey Gardner	(GHS-IL)	Greg Shepherd
(RH-TN)	Richard Hackney	(CS-MO)	Charles Shryock
(MH-OH)	Mike Harris	(RS-CA)	R. Solomon
(JCH-MD)	Jim Hartung	(ES-MA)	Edward Soomre
(SH-QUE)	Sheldon Harvey	(TES-GA)	Timothy Starr
(DRH-PA)	Donald Hein	(LMT-SD)	Lyle Taylor
(JFH-MA)	John Henuit	(PAT-GA)	Peggy Thompson
(HH-MD)	Hank Holbrook	(THT-CA)	Timothy Trager
(HLH-TX)	Howard Huddleston	(FAV-CA)	Fred Valentine
(MWJ-ID)	Mark Jones	(GRW-OH)	Gene Walega
(BLJ-TX)	Brian Jones	(JHW-NJ)	John Walters
(JRJ-MS)	Jack Jones	(JDM-WN)	John Williams
(?K-OK)	? Karns	(TJF-MD)	Thomas Yingling
(TJK-MI)	Thomas Kephart		

**** Well gang, as you can plainly observe, I really fouled up!!! According to my calculations, I was to end up with roughly 15 blank line spaces. Obviously I erred in my computations which lead to my overkill on your loggings. Very much embarrassed on this mathematical slip up..... This is a prime example of how a heavy and varied workload, combined with personal problems, can distract the mind, when it should be concentrating on the matter at hand.

I've got two pages to fill, so here goes.....

**** The 2nd SRGU installment is at the printers and Speedy will probably announce availability in this issue. (I have received no formal word, at this writing) It is 94 pages, most of which is a comprehensive coverage of the US Coast Guard. The remaining pages are devoted to a report on the SLRFBs. (Single Letter HF Beacons) The SLRFB report will stir up some dust, for investigative efforts have precisely Ided the QTH for the mysterious FSK "K" beacon.....

**** The 3rd SRGU installment is part of the current heavy workload problem. As of yet, nothing is in final stages, and it appears that the 3rd won't be ready for some time.

As of this writing, the following are being worked on:

- * Numbers Report & Survey, * VLF/LW Primer, * FTTY Primer, * Maritime Mobile (still held up by lack of current mailing addresses) plus add-ons to Comm Aero & Basics.

SRGU NEEDS:

- 1) Anyone who has compiled a list of number xmsns - frequency/time/number type, is asked to send that data into me, for inclusion in a master numbers listing, in the report.
- 2) Does anyone have background or any definitive data on the 2 element CW Ident Jammers, heard throughout the shortwave broadcast bands???
- 3) Mini-reader FTTY owners - I'd like you to describe how you operate your unit, plus any problems you've encountered with the mini-reader. Contrary to advertisements, the mini reader is apparently more difficult to successfully operate, than its terminal unit big brother. I wish to explore that aspect in the primer.

(4) Universal M-600 or Info Tech M-600A TU owners - I'd like to hear from you on how easy or difficult it is for these units to copy ARQ, FBC, and non standard Baudot shift xmsns. Also, have you had any success with its bit inversion component????

COAQ- MACHUELO wkg GOB (FWB-NL)
 NNW0CVW- USS FARRAGUT p/p via NNW0RRQ (GRW-OH)
 NNW0CZU - unkn p/p via NNW0RRQ (GRW-OH)
 NNW0NZE- USS MONAB p/p via NNW0YDP (GRW-OH)
 NNW0CSZ- USS JULIUS A. FURER p/p via NNW0YBU (GRW-OH)
 NNW0CSF- USS TRIPPE p/p via NNW0KQ (GRW-OH)
 NNW0CSI- USS CONSOLE p/p via NNW0XFP (GRW-OH)
 NNW0NXN- USS YOSEMITE p/p via NNW0LNR (GRW-OH)
 NNW0CRM- USS GUAM p/p via NNW0VKC (GRW-OH)
 NNW0CSB- USS SEPARTANBURG COUNTY p/p NNW0NIG (GRW-OH)
 NNW0CZD - unid p/p via NNW0NIG (GRW-OH)
 NNW0CXS- CGC DALLAS p/p via NNW0VKC (GRW-OH)
 m/v THE HORNET 3 wkg WIN?? San Diego (HCB-WA) 15587.1

**** AIRCRAFT ****

TIGER 2823/CHINA 981 wkg Anchorage Aero (RWP-CO)
 QUANTAS 12/CONTINENTAL 2 wkg Nandi Aero (JDM-WN)
 CG 2124 wkg CG Corpus Christi TX (JDM-WN)
 CG 2103 wkg CGAS Mobile AL (GHS-IL)
 CG 2124 wkg CGG Point Monroe (JDM-WN)
 ROCKWELL FLIGHT TEST 466 wkg Gander Aero (JDM-WN)
 SOUTH PACIFIC 810 wkg Honolulu Aero (CC-DE)
 NIGERIA 950 wkg Brazzaville Aero (CC-DE)
 50 DELTA WHISKEY wkg Profisher Aero (CC-DE)
 JAPAN 433 wkg Iceland Aero (CC-DE)
 SOUTH PACIFIC 410 wkg Honolulu Aero (JDM-WN)
 MANILA 653 wkg Honolulu Aero (HCB-WA)
 EGYPT 661/KUWAITI 731 wkg Bahrain Aero (CC-DE)
 AIR FORCE RESERVE 50991 p/p via NMO (JPH-WA)
 CG 1500 wkg CG Kodiak AK (JCH-MD)
 CG 2112 wkg Andrews AFB MD (RAL-OH)
 NASA 04 p/p via Cape Radio (RAL-OH)
 KENYAN 134 wkg Cairo Aero (CC-DE)
 FF AIR FORCE 729 wkg Mogadiscio Aero (CC-DE)
 SAUDI 083 5 STAR wkg Cairo Aero (CC-DE)
 NOVEMBER 8300 ECHO p/p via NY LDCC (RJI-GA)
 CLIPPER 217 wkg New York Aero (CS-MO)
 SOUTHERN CROSS 2419 XBAY c/g San Fran Aero (HCB-WA) 13354

**** TACTICAL ****

ARCHITECT (RAF) wkg ALPINE 20 (IX-UK)
 4 SIERRA MIKE r/c with ??? (WP-MS)
 PAC COM 01 r/c with Andrews AFB MD (RLR-KS)
 BIRD SONG wkg Andrews AFB MD (RAL-OH)
 BRAVO 3 NOVEMBER wkg TANGO 2 INDIA (GD-CA)
 EXECUTIVE 01 FOXTROT wkg Andrews AFB MD (RAL-OH) 6715

6723.0 U 1704 GULL 11/BRAVO HOTEL 38 wkg Cape Radio (RUL-GA)
 6738 U 0532 SIERRA ECHO NOVEMBER 74 c/g ARCHITECT (JFH-WA)
 6738 U 0039 ARCHITECT wkg OSCAR TANGO PAPA 11 (JCH-WD)
 6756 U 4414 BLACK EGG wkg Andrews AFB MD (RAL-OH)
 6756 U 1358 TEAMWORK p/p via Andrews AFB MD (RAL-OH)
 6757 U 0135 SPAR 76 p/p SURVEY via Crougton Aways (MDC-NY)
 6873 U 1940 BASELINE wkg MOBILE 4 (CS-WO)
 6910 U 1644 CHARLIE 9 NOVEMBER wkg ECHO 3 DELTA (RLR-KS)
 6937 U 1702 GULL 11/BRAVO HOTEL 38 wkg Cape Radio (RUL-GA)
 7527 U 0212 SLINGSHOT/RAMPART/OMAHA 1 wkg each other (DRH-PA)
 8975 U 0825 PACAF 01 wkg (RAAF) AIR FORCE SYDNEY (CD-GA)
 8975 U 1227 SHEPHERD 967 wkg AIR FORCE TOWNSVILLE (JDM-WN)
 8975 U var. SHEPHERD 943/AIR FORCE 8161 wkg A.F. Sydney (JDM-WN)
 8993 U 1756 AGAR 21 wkg MacDill Aways (RUL-GA)
 9023 U 1758 BOLSTER wkg INCOGNITO (GHS-IL)
 9217 U 2355 BOOKSHELF wkg MOPUP OPS (CD-CA)
 10653 U 2200 ALFA 3 UNIFORM wkg GOLF 9 VICTOR (RLK-WN)
 10653 U 0110 BAKED BEANS c/g FLASHLIGHT (OD-CA)
 10780 U 1615 AGAR 21 wkg Cape Radio (MAS-OH)
 11110 U 1742 ARIA 13 wkg ARIA CONTROL-dpx: 13900 (RAL-OH)
 11118 U 1357 TORPEDO wkg SYMBOLIC (RAL-OH)
 11182 U 1337 TEA BAG wkg IMPROPER (RAL-OH)
 11182 U 1803 ELATION p/p Griessom AFB via Scott Aways (RUL-GA)
 11182 U 2111 BOOKSHELF 01 p/p Nellis via Scott Aways (RUL-GA)
 11182 U 1850 BOLAR 92 p/p Hill Base Ops via Scott Aways (GHS-IL)
 11204 U 1934 ARCHITECT (RAF) wkg ASCOT 2978 (JCH-WD)
 11205 L 1715 ASHLEY 12 wkg ARIA 01 (RAL-OH)
 11214 U 1605 DRAGNET BRAVO c/g DRAGNET ALFA (GHS-IL)
 11246 U 1324 ASCOT 5454 p/p Key West Ops via MacDill Aways (RUL-GA)
 11246 U 1854 LIMA WHISKEY 121 p/p BLACKHAWK BASE via MacDill (GHS-IL)
 11249 U 1600 PAC OOM 01 wkg PAC COM CONTROL (JDM-WN)
 11494 U 1704 BANKBOOK r/c with SHIP 16 (GHS-IL)
 12029 U 2115 DELTA 8 ECHO wkg 7 UNIFORM (GHS-IL)
 12216 U 1715 AUTOCRAT - RUTY tests with MacDill (RLR-KS)
 12277 U 1519 AGAR 24 wkg Cape Radio - dpx: 11205 (RAL-OH)
 13181 U 1853 CHARLIE 7 QUEBEC wkg GOLF 4 Tango (RLK-WN)
 13218 U 2319 ABNORMAL 10 wkg ABNORMAL 20 (GHS-IL)
 13245 U 2354 JULIET GOLF ZULU ZULU (RAF) with coded msg (JCH-MD)
 13900 U 1655 ABNORMAL 10 wkg FLINT 31- dpx: 6889 (RAL-OH)
 L 0030 ACROBAT wkg CAMELET (CD-CA)
 14448 U 1535 BLACK INK r/c TORPEDO (RLR-KS)
 15015 U 1700 TROUT 98 wkg Andrews AFB MD (HLH-TX)
 15031 U 0139 KING 91 wkg KING 89 (RAL-OH)
 15091 U 2159 VOODOO 51 wkg RAYMOND 27 (GHS-IL)
 16246 U 1639 AGAR 21 wkg ARIA CONTROL (RAL-OH)

(5) If anyone has programmed his/her home computer to read RTTY, I'd like to hear how basically it was accomplished, and how well it works, limitations and so on.....

(6) To owners of: Drake R-7(A) & Sony ICF-2001.... I'm looking for a clear illustration of the front panel controls and described usage. I assume this can be found in the owners manual. If true, could you xerox the pages in question, and send them to me?? TMX.....

(7) Havana Moon: if you are reading this, would you consider contacting me in regards to an information & educated guesswork exchange, concerning the number xmnsns? Your ID will be kept secure....

(8) Black Diamond: OK on #3, Review #5, Advise #8, Proceed # 10'..

**** Your editor has some thoughts on your submissions....

(1) Please include the mailing address for your QSL return. Writing it on the back of the strip is fine. This is the one positive way to ascertain the correct and current mailing addresses for ute stations. For those now doing this, many thanks.....

(2) If at all possible, include BOTH the call letter and station ID on your loggings. Many of you have reference books or back issues of the utility column, and can do this very quickly. For me, it becomes most time consuming to hunt them down, especially when I may have 100 or more that lack one or the other ID.....

(3) Print or write clearly. You may understand your own writing, but give me a break!!!! Besides, I failed the course in hieroglyphics.

(4) To those who don't use the forms, please space your loggings, so when you or I cut them apart, they are about 1 inch in width. 1/4 inch wide strips are impossible to handle during column assembly, I use single spaced loggings, (which I must recopy on blank forms) I often trash many of this type, due to sheer frustration.....

**** The newly revised 10 page ute column Abbreviations & Terminology list, plus Country Codes (A&T/C list) is available from me, in return for (1) first class stamp or IRC. It is compatible with the Speedy/SRGU 3 ring binder.....

**** This just in from Universal Amateur Radio.....
 They are now offering the NRD-515 receiver for \$995.00, its companion NRD-518 96 channel memory unit for \$224.00, the NVA-515 external speaker for \$39.95, and the NCM-515 remote frequency keyed controller for \$149.00.... (all not including shipping costs) If you've got the big bucks and want to upgrade to a really fine receiver or components, check Universal out.
 Universal Amateur Radio, 1280 Aida Drive, Reynoldsburg OH 43068

**** Since I have the space, I'll review the following publications from Joerg Klingenfuss.....

(A) **RADIOLETYPE FREQUENCY LIST (from Joerg) or LIST OF WORLDWIDE RADIOLETYPE STATIONS IN FREQUENCY ORDER (from Universal)**
 Both are the same Book "R".....
 Softbound 8 1/2 x 11, 106 pages. Lists by freq, from 2 to 29.4 MHz, current RTTY stations. (freq, call sign, sta ID, xmsn details) Also contains an Abbreviations section; Schedule of Maritime SITOR/FEC frequencies; Press Services in alphabetical order, by country; Metro stations, by country (ID & Freqs) Latest 1983 publication, and although it doesn't have the volume of the Gilfer RTTY book, the Klingenfuss manual is very current and accurate. Again this is from the European slant, but is an excellent presentation and should be part of your RTTY reference library.
 50.00 DM from Joerg, or \$12.00 US from Universal.....

(B) **LIST OF SPECIAL RTTY & CW ALPHABETS & CODES (same title for Universal) Both are Book "X".....**
 53 pages, 8 1/2 x 11.... This manual is unique, for there is no other like it currently on the market. It presents various RTTY codes via illustrations & text on: Baudot, ARQ & SITOR (in the European A-Z designation instead of the 1-0); Arabic RTTY with RTTY abbreviations and english word equivalents; Hebrew, Japanese, 3rd Shift, Thai, Amharic, Korean, Greek & Russian RTTY. Morse code coverage contains the standard morse, Arabic, Cyrillic, Greek, Hebrew & Japanese. Also contains a technical terms section; terminology used in ARQ, a review of SITOR & FEC operations..... This manual is for the RTTY/CW buff who is really into the hobby, and wishes to advance beyond the ordinary..... 25.00 DM from Joerg or \$8.00 US from Universal.
 All prices include shipping. Order either from Joerg or Universal.
 (addresses on next page)

16246 U 1723 ARIA 01 wkg ASHLEY 12 (RAL-OH)
 16246 U 1853 RCO wkg BLOODHOUND & HI FI 02 (RAL-OH)
 16246 U 1645 EYESICHT wkg RCO (RAL-OH)
 17993 U 2234 COIL 54 wkg Andrews APB MD (BLA-PA)
 18000 U 2103 7 ROMEO 47 (RAF) with coded msg (JGH-MD)
 18000 U 1753 2 GOLF JULIET (RAF) with coded msg (GHS-IL)
 18018 U 2101 ARCHTBEAT (RAF) with coded msg (JGH-MD)

**** NUMBERS/BEACONS ****
 A 0602 S/Y 5d (333) 14Apr83 (PAT-CA)
 C 0200-0218 X/X 5d "VVV 149" (5x5) 04May83 (FWD-NJ)
 U 0320 E/Y Xd repeats of C.I.O.2 12Apr83 (JFH-MA)
 A 0345-0350 E/Y Xd repeats of C.I.O.2 04Mar83 (JFH-MA)
 A 0205 S/Y 4d 607x3 1-00 (333) 26Apr83 (PAT-CA)
 9074 A 0311 S/Y 4d (434) 23Apr83 (RS-CA)
 9267 A 0300-0314 E/Y 5da (5x5) 29Apr83 (FWB-NJ)
 9287 A 0317 E/Y 5d (333) 23Apr83 (RS-CA)
 9325 A 0300 E/Y Xd repeats of A.C. (4444) 12Apr83 (RS-MA)
 9325 A 0738-0741 S/Y 5d Finalx2 (555) 10Apr83 (JEB-GA)
 11532 A 0323-0355 S/Y 4d Fin (352) 04May83 (RFW-CA)
 11532 U 0210 S/Y 4d 258 1-00 (555) 18Apr83 (JDM-MN)
 11617.5 U 0115 E/? 5d BOI (455) 11Apr83 (POC-RI)
 11625 C 1515 X/X 4ltr (554) 18Apr83 (PAT-CA)
 11635.4 A 0301 S/Y 5d (222) 18Apr83 (RFW-CA)

**** RADIOLETYPE ****
 3259 0300 66/850 RPNP- Lisbon NAVRAD PORT - RYS (FOJ-OH)
 3365.3 2353 66/850n Guarfi San Romo ITLY - msgS Rome/Genoa (AM-UK)
 4326 0600 100/170r NUM- USN Whidbey Is USA - FOXS (JEB-CA)
 4613.6 2350 66/425n ELRRB- Monrovia Air LIBE - RYS (AM-UK)
 4785.5 2132 50/425n DHU51- Grenfell Metro FRG - WX b/c (IK-UK)
 5066.6 2145 66/850r ZVR- TASA Rio de Janeiro BRZL - WX (AM-UK)
 5190 2235 66/425r BZG75- Urumqi Metro PRC - WX b/c (AM-UK)
 5293 0043 50/425r FDV- FF AF Orleans FRAN - Le Brick (IK-UK)
 5740 2200 66/425n RNT70- Irkutsk Metro USSR - WX (AM-UK)
 5803.6 2320 66/425n 9GC- Accra Air GHAN - RYS (RMA-FRAN)
 6775 2137 XTV- ASEGNA Ouagadougou UPVO - RYS (TAG-UK)
 6830 var. 66/1000r EDW72- Khaarovsk Metro USSR- WX (OD-CA) (JEB-CA)
 6907 0730 RIFAHP- IT Army Cagliari ITLY- t/c (TAG-UK)
 6943 0720 50/425r 5TX- ASEGNA Nouadhibou MURI - RYS (EDK-MI)
 7292.7 1515 66/170r RIFAUPB- Carab. Emilia ITLY- t/c RIFAPE (AM-UK)
 7444.2 1820 66/850r NKW- USN Diego Garcia - WX to Mauritius (AM-UK)
 7485 0230 66/??? MKD- Raf Akrotiri CYPR - RYS/FOXs (JPH-NA)
 7522 0040 XBR- La Paz NAVRAD MEX - SS t/c (JEB-CA)
 7599 1745 66/425n 9KT262- KUNA Kuwait - BE/WX (TAG-UK)
 7610.3 1830 66/170r MUY- ENG Army Monchengladback FRG wkg GAQ (TAG-UK)

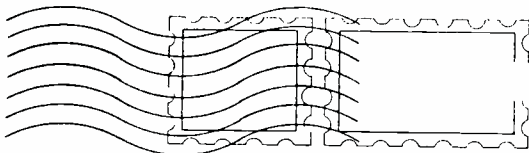
7622.9 1455 100/170r OMZ- MFA Prague CZEC - t/c Bonn (AM-UK)
 7806 2235 66/425r YZD7- TANJUG Belgrade YUGO - ?? NX (BRF-MD)
 7943 1930 66/425n AT958- PIT New Delhi INDI - EE/NX (AM-UK)
 7936 2350 66/425r HSJ51- FIT Bangkok THAI - tests with Harco (AM-UK)
 8161 2105 66/170n AWC- Calcutta Air INDI - RYS (AM-UK)
 8317 0230 100/850n OBC- Lima NAVRAD PERU - general callup (JEB-CA)
 8350 0140 ARQTOR D5TE- TURQUOIS BOUNTY wkg WLO (FIO-OH)
 8708.4 1305 FECTOR WFD- Tampa FL MARCO - info on services (BRF-MD)
 8709.3 1700 FECTOR OXZ- Lyngby MARCO DEN - t/c to FNUB (RMA-FRAN)
 9110 0010 50/825n ARA- Karachi Metro PAKI - b/c sked (IK-UK)
 9199.2 1530 66/325r INTERPOL Paris FRAN- t/c Athens/Rome (RMA-FRAN)
 9951 1400 66/425r GPX5- unknown - RYS (JEB-CA)
 10092.4 1930 100/425r EXT3- PRC EMB QTH ?? - RYS (TAG-UK)
 10137 0555 50/???? TUL96/97- Brazzaville Metro CONG- RYS (EDK-MI)
 10170.7 2215 66/425n HSW63- Bangkok Metro THAI - WX b/c (AM-UK)
 10463 0515 50/850r CNO- Casablanca Air MROC - RYS (HLH-TX)
 10483 1925 66/425r 7XA- El Djaza'ir Air ALGE - RYS (PAC-UK)
 10580 2240 66/425r MKD- RAF Akrotiri CYPR - RYS/FOXs (RMA-IA)
 10625 1525 60/170r NWT1- USN ship wkg NCFP (JEB-CA)
 10650 1530 66/850n HMB25- KCMS Pyongyang NOKO Q&A mkr (AM-UK)
 10650 1700 66/425r BZT30- XINMUA Beijing PRC - FF/NX (JEB-CA)
 10676.6 var. 66/850r VTR28- Port Blair NAVRAD ANDA clg VTP28(AM/TAG-UK)
 10686 1800 66/850r 9DM17- Tehran Metro IRAN - RYS (TAG-UK)
 10730.5 1700 66/425r ZEN49- AFP Hong Kong - EE/NX (JEB-CA)
 10730.5 1700 66/850r MFA Algiers ALGE - t/c Malta (RMA-FRAN)
 10731.8 1543 66/850r 7RQ20- MFA Algiers - t/c Sofia (AM-UK)
 10763 1708 66/425r HMY56- PTP Pyongyang NOKO - RYS (JEB-CA)
 10805 0245 66/850r NA Buenos Aires ARGN - SS/NX (JEB-CA)
 10830 2348 66/425r RZUZ- Molodchayeva Base ANTA- clg ULV (AM-UK)
 11000 1315 100/850n NBA- NGS Balboa PANA - RYS (RMA-IA)
 11027.5 1918 66/425r 9RL310- Kinshasha Air CONG - WX b/c (AM-UK)
 11425 0400 66/425n 5HD20- Tanzania RYS (JEB-CA)
 11436 0630 NBTM- CGC Polar Star wkg NNN (JEB-CA)
 12015 1800 NRG- NGS Keflavik ICE - FOXs (JEB-CA)
 12036 var. 50/850n ZYK- Belem Air BRZL- RYS (EDK-MI) (JEB-CA)
 12262.3 0645 66/425r ZPN- Ascunon Air PARA - RYS (TAG-UK)
 12517a 0213 66/170r EWGC- Odessa - 3SC t/c (RMA-IA)
 12525 0110 66/170n UYZZ- Ouragan - wkg URL (JEB-CA)
 12665 0010 100/170r NRPJ- CGC Laurel wkg NMC (JEB-CA)
 12840 2240 100/850r FEC312- Goeree NAVRAD HOLL - RYS (JEB-CA)
 13200 0040 66/425n CAIYE- Pascua Air EAST - WX to Santiago (AM-UK)
 13315 1325 100/850r EAM- Tacamo??? SPAN - RYS/FOXs (JEB-CA)
 13597 0630 OLI2- CETBKA Prague CZEK - EE/NX (RMA-FRAN)
 13777 var. 74/425n ZR03- Pretoria Metro SOAF - WX (IK-UK) (JEB-CA)

Joerg Klingenfuss
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 Hagslloch
 D-7400 Tuebingen
 Federal Republic of Germany

Universal Electronics Inc
 1280 Aida Drive
 Reynoldsburg, OH 43068

JOLLY		This Confirms Reception of an Aircraft of the AEROSPACE RESCUE & RECOVERY SERVICE		CH-3E	
Aircraft Callign	JOLLY 45	Aircraft Type	CH-3E	Season/Unit/Group	JEB 5, 54BRS(MC)
Frequency	11.182	Ann Mode	USB	Output Power	400Watts
Date	14 FEB 79	Time	09:45Z	Aircraft's Home Base	TYDALL AFB, FL 32903
Aircraft's Serial Number	64-14223	Approx. Location during Alarm	OVER TEXAS ENROUTE FL.		
Signature <i>James W. ...</i>					

CAN. RESCUE 5458		This Confirms Reception of an Aircraft of the CANADIAN SEARCH & RESCUE AIRCRAFT	
Aircraft Callign	RESCUE 5458	Aircraft Type	BOFFALO (CH-5A)
Frequency	5.718	Ann Mode	USB
Date	13 JAN 81	Time	140530.0
Approx. Location during Alarm		S.W. Coast Vancouver Island	
Signature <i>... (11)</i>			



EDITOR:
JOHN KAPINOS
86 S. QUINSIGAMOND AVE.
SHREWSBURY, MA 01545

Deadline: 12th of the month

QSL REPORTS

Well, tis a rainy evening in May and time again for QSL reports. As always, some very nice material from our 80+ contributors.

EUROPE

ALBANIA: Radio Gjirokaster, 5057, f/d Radio Tirana Spirit of the Revolution card in 93 days (McKeon-IN); Radio Tirana, 11985, same card and sked in 133 days, IRC (Sato-Japan).

AUSTRIA: ORF, 5945, f/d card in 30 days (Mathew-MA); 9770, f/d "Glass Towers" card in 57 days (Arland-England); 12015, same card in 80 days (Sato-Japan); 21615, f/d Transmitter Building card in 78 days (Lipman-NY).

BELGIUM: BRT, 7465, f/d Flemish Art Card and Large yellow BRT paper clip in 37 days (Krist-VA); 9880, f/d letter in 25 days (Walega-OH), same in 26 days (Starr-GA); 17610, f/d QSL via transcript of Listener's Mailbag Program in 26 days, IRC (Schulsinger-OH). QSL cards are available only to members of BRT's DX club. It's an easy one to get into, just a couple of reports and a polite request (kap).

BULGARIA: Radio Sofia, 9560, f/d card in 30 days, IRC (Ward-PQ); 15110, f/d card in 56 days (Ducos-France), f/d card, badge and friendly letter in 28 days, IRC (Sato-Japan).

CZECHOSLOVAKIA: Radio Prague, 7345, f/d "Prague color scene" card in 272! days (McCants-AL), f/d Wallachian Open Air Museum card in 42 days for Monitor Club Report (Rising-GA). Radio Prague requires 7 reports for membership in its Monitor Club. They give a very well done Certificate to members and also have a "DX Diploma" which requires a little bit of work.

DENMARK: Radio Denmark, 11715, f/d cards in 14 days (Stephany-NY), in 16 days (Walega-OH); 15165, f/d cd in 10 days, 2 IRC (Blanchette-FL), in 20 days (Drollinger-WI); 25850, f/d card in 41 days (Jones-VA).

FRANCE: Radio France Internationale, 11995, 15300, 15600, 17620, f/c cards, skeds, pennants and stickers in 50 days, IRC (Moore-TX), in 88 days, 2 IRC (Starr-GA), in 89 days (Thunberg-PA), in 37 days (Demmitt-PA), in 47 days (Krist-VA).

GERMANY, DEMOCRATIC REPUBLIC: Radio Berling International, 9560, f/d card and copy of PRISMA (GDR Quarterly), 88 days, EE report and clipping from the Wall Street Journal (Munster-GA); f/d 10 years of the RBI DX Club cd in 83 days (Casavant-PQ), f/d card, stickers and postcards in 54 days (Renn-WA), f/d "Statue cd in 50 days along with sked and DX Club info (Lipman-NY), f/d DDR Olympic Athletes card in 65 days (Krist-VA); 9620, f/d Winter Landscape card in 52 days, IRC (Robinson-TN).

GERMANY, FEDERAL REPUBLIC: Deutsche Welle, several frequencies, date only Blumenstuck card in 1 month for monitor report (Jones-VA), 5960, no data DW New BC Center card in 31 days (Talbor-WI); Sudfunk, 6030, f/d Transmitter Building card in 69 days (Jones-VA); RIAS-West Berlin, 6005, date/freq antenna farm cd in 89 days along with sked and book about Radio and TV broadcasting in the FRG (Wilczek-IL), same card and West Berlin tourist brochure in 23 days, tape report, 2 IRC (Kapinos-MA). It is interesting to note that while West Berlin is not given separate country status by the EDXC/SPEEDX country list, they do use their own distinctive postage stamps (kap).

GREECE: The Voice of Greece, 9865, f/d "Myconos" card in 47 days, 2 IRC (Robinson-TN), same card in 25 days for taped report (Rising-CA); 12045 f/d "Plomari" card in 102 days (Soomre-MA); Radio Station Makedonias, 15020, f/d Platamonas cd in 39 days (Barto-CT).

HOLLAND: Radio Netherlands, 9895, f/d Flevo Site card in 48 days along with SWL pamphlets (Ledford-NJ); 21480, f/d card in 20 days (Kosugida-Japan). RN has a very informative selection of pamphlets relating to the hobby that are available free of charge. A list is available for the asking from Radio Netherlands HQ in Hilversum (kap).

HUNGARY: Radio Budapest, 9585, f/d cards in 30 days (Thim-CT); in 38 days (Cord-RI), in 30 days (Mahoney-FL).

IRELAND: Radio Dublin, 6910, f/d map card, station history and stickers in 52 days, 2 IRC (Schulsinger-OH). Address is "Radio Dublin, Box 8, Dublin, Republic of Ireland (kap).

ITALY: RAI, 9575, f/d "Carlo Carra Estate" card in 89 days, IRC (Claytor-MI), f/d Renato Guttusu painting card in 96 days (Spremo-NY); Radio Milano International-Zinasco, 6221, f/d World Music Radio QSL card and 4 page handwritten letter in 4 months for EE report, cassette recording and 2 IRC. IRCs were returned along with recordings of RMI (Lobdell-MA).

LUXEMBOURG: Radio Luxembourg, 6090, no data English DJ cards in 28 days IRC (Brenesal-FL), in 61 days, 2 IRC (Harris-OH), in 51 days (Jones-VA), in 45 days, f/d Antenna farm and Logo card, (Cord-RI). I have no idea why most only got the no data card and someone got the f/d card, which has been used since at least the early 1970's (kap).

MALTA: Radio Meediterranean, 5960 and 6110 (new frequency), f/d map cards in 17 days, 2 IRC (Roussel-N.B.), in 19 days (D'Angelo-PA), in 3 weeks for \$1.00 US (Stark-N.B.), in 21 days (Stephany-NY), in 20 days, 2 IRC (Parks-FL), in 19 days, 2 IRC (Spremo-NY). (Note the new spelling of Mediterranean that I just invented-kap).

MONACO: Trans World Radio - Monte Carlo, 9495, f/d Monte Carlo view card in 50 days, IRC (Ryeder-FL), same in 106 days, IRC (Stephany-NY).

NORWAY: Radio Norway, 15175, f/d cd and sticker in 30 days (Renn-WA).

POLAND: Radio Polonia, 6095, f/d card, 21!! stickers and pin in 90 days (Casavant-PQ), 9 f/d cards for 9 reports, 47 days (Leite-MA)-I presume that this is one of your favorite stations Steve (kap); 7125, f/d card, 42 days, IRC (Sata-Japan); f/d card in 83 days (Ledford-NJ).

PORTUGAL: Radio Portugal, 9575, f/d card in 47 days (Munster-GA); Radio Renascenca, 11730, f/d logo card, sked and info in 44 days, IRC (Moore-TX)

ROMANIA: Radio Bucharest, various frequencies, f/d cards received in an average 60 days (Lipman-NY, Arland-England, Jones-VA, Casavant-PQ, Roussel-N.B., McKinney-PA, Mahoney-FL, Krist-VA).

SPAIN: REE, 9620, 11880, 15420, f/d cards in an average 30 days (Claytor-MI, Hull-WA, Speer-CA, Hesch-NY, Spremo-NY, Casavant-PQ, Arland-England).

SWEDEN: Radio Sweden International, 9695 and 11705, f/s "35th Anniversary of Sweden Calling DXers" cards were received in an average 25 days by the following (Duncan-NC, Cox-CA, Stephany-NY, Ryeder-FL, Mathew-MA, Cord-RI).

SWITZERLAND: Swiss Radio International, 6135, f/d Studios card in 24 days (Stephany-NY); 11715, same in 31 days (Cord-RI), in 45 days (Rising-CA); RED CROSS BROADCASTING SERVICE, 7210, f/d Globe and Headphone card in 58 days, IRC (Muzyka-NY), same in 32 days, IRC (Spremo-NY).

VATICAN: Vatican Radio, 6015, f/d card in 25 days (Brewer-AZ), same in 34 days (Mahoney-FL); 6260, same in 48 days (Spremo-NY); 9605, same in 51 days, FF report (Casavant-PQ), in 91 days (Cord-RI).

YUGOSLAVIA: Radio Yugoslavia, 9620, f/d "Koper" card, sked and sticker along with 8 IRC and note saying "Payment of postage for our mail is our affair", 13 weeks after 2nd f/u, 78 weeks total (Wilkins-CO), f/d card, sticker and sked in 92 days (Stanley-AZ). Note-Radio Yugoslavia, as are most (actually all) Eastern European Broadcasters, is sponsored by the government as an information tool. Return postage is not needed when reporting to these stations. Save your IRC for a station that does need return postage to reply.

U S S R

Radio Moscow Sites - all f/d cards, an average 50 days, no return postage

ARMAVIR: 17700 (Greenbauer-AZ), 11980 (Arland-England); BLAGOVESHCHENSK, 9.58 (Speer-CA), (Greenbauer); CHITA, 15385 (Greenbauer); IVANO-FRANKOVSK, 7115, (Griffin-TX); KOMSOMOLSK-on-AMUR, 15.47 (Speer); LVOV, 12010 (Welch-MA); PETROPAVLOVSK-KAMCHATSKY (and you thought Quinsigamond was bad-kap), 12.01 (Speer); TULA, 9.61 (Casavant-PQ); VINNITSA, 11.71 (Speer); 15135 (Spraker-NY); VLADIVOSTOK, 15130 (Welch-MA); YEREVAN, 21740 (Mahoney-FL)

Radio Kiev: 15100/17870, f/d cards in 66 days (Greenbauer-AZ); 15240, f/d card in 60 days (Roussell-N.B.).

Radio Minsk, 7245, f/d card (direct) in 65 days (Leite-MA).

Radio Tallinn, 5925, f/d card in 48 days (Ducos-France).

Radio Station Peace and Progress, 31 metre band, f/d card, 59 days along with stamps (Casavant-PQ).

Radio Tashkent: 4850, f/d card in 43 days (McKeon-IN); 9540, f/d card in 34 days (Mahoney-FL).

RADIO VILNIUS: 17870, f/d card in 98 days (Golab-IL), in 62 days (Greenbauer-AZ), in 118 days (Sharp-FL).

ASIA

CHINA: Radio Peking/Beijing, various frequencies, f/d cards and pennants and skeds (in most cases) were received by the following in an average 30 days (McCants-AL, Speer-CA, Brewer-AR, Leite-MA, Arland-England, Holbrook - MD, Greenbauer-AZ, Krist-VA).

INDIA: All India Radio, 11620, f/d card in 42 days, IRC (Roussell-N.B.), same in 45 days, ms (Cord-RI); 11640, same in 30 days (Arland-England).

INDONESIA: RRI Kendari, 4000, letter in II in 7 weeks for EE/II report and \$1.00 U.S. (Stark-N.B.)

JAPAN: Radio Japan, 9505, date/freq Mt. Fuji card in 22 days, 2 IRC (Cox-CA); 11755, same in 22 days (Speer-CA); 17825, p/d Persimmons card in 47 days (Ryeder-FL); 15300, p/d Hokata Doll cd in 37 days (Casavant-PQ); 17825, p/d card in 40 days (Roussell-N.B.).

KOREA, REPUBLIC: Radio Korea, 9570, f/d National Anthem/Flag of Korea cd in 33 days, 2 IRC (Cox-CA), f/d Art Treasures cd in 48 days (Stephany-NY); same card, no data, in 42 days (Lipman-NY); 9870, f/d Tokto Island card in 29 days, IRC (Ward-PQ); 15575, f/d Musical Instruments card and cloth pennant in 22 days, 2 IRC (Brenesal-FL), f/d 30th Anniversary card in 45 days (Roussel-N.B.).

MONGOLIA: Radio Ulan Bator, 12070, f/d card in 50 days (Harris-OH); same along with stamps in 110 days (Ducos-France).

NEPAL: Radio Nepal, 5005, fd/ card in 90 days, 2 IRC and \$1.00 U.S. (Konen).

PAKISTAN: Radio Pakistan, 12015, f/d Craftsman at Work card in 4½ months, IRC (Roussell-N.P.); f/d Winter in Muree card, personal letter and "Pakistan Calling" mag in 80 days, 2 IRC (Greenbauer-AZ).

PHILIPPINES: Radio Veritas Asia, 15215, f/d card, 53 days (Harris-OH); VOA Relay, 15250, f/d Golden Gate Bridge card, skeds and book/publication list in 15 days (Arland-England); Far East Broadcasting Company, 17810, f/d 30th Anniversary card in 44 days, 2 IRC (Ward-PQ), 11890, f/d card in 76 days (Blake-IN).

SINGAPORE: Singapore Broadcasting Corporation, 5052, f/d Scene card and "Getting to Know You" booklet in 32 days, 2 IRC (Kosugida-Japan); 11940, f/d Skyline card, sked and SBC booklet in 28 days, U.S.\$1.00 (Sharp-FL)

TAIWAN: FED31, 3230, f/d Female General in Chines Opera card in 56 days, follow up for 1979 reception (Pardo-CT); VOICE OF FREE CHINA, 5980, f/d Loyalty and Justice card in 127 days (Spremo-NY); 15345, f/d General Kuan Yu Castle card in 161 days along with goodie pack, IRC (Ledford-NJ), 17800, f/d card and goodie pack in 125 days (Evans-TN).

TURKEY: TRT-The Voice of Turkey, 9625, f/d card in 32 days, FF report (RousseI-N.B.); 9560, f/d Dancing Women/Flag card in 26 days (Drollinger-WI); 9730, same card in 23 days, IRC (Sato-Japan); 11740, same card in 19 days (Lipman-NY).

MIDDLE EAST

ALGERIA: RTV Algerienne, 9685, f/d 4 part QSL folder along with sked in 32 days, 2 IRC (Krist-VA). Easy to hear, tough to QSL (kap).

EGYPT: Radio Cairo, 9475, f/d Mosque Photo card in 90 days, EE/FF report (Cord-RI); 12050, f/d Pyramids card in 74 days, IRC (Ward-PQ).

IRAN: IRIB, 15084, f/d "War is Ugly" (yes it is, kap) card in 10 months, 3 IRC (Annis-IN); same card in 322 days (McKinney). File cleaning time (kap).

IRAQ: Radio Baghdad International, 9745, f/d Emblem/Map card in 92 days along with sked and tourist (no way-kap) info (Blanchette-FL).

ISRAEL: Kol Israel, various frequencies, f/d cards in 30 days, IRC (Frenescal-FL), in 64 days (Ryeder-FL), in 65 days (Casavant-PQ), in 50 days (Arland-England), in 36 days, IRC (McKinstry-VA).

KUWAIT: Radio Kuwait, 11675, f/d folder, program guide, IRC (Bresnecal-FL), same in 22 days (Arland-England), same in 43 days, IRC (Schulsiner-OH).

LEBANON: Voice/King of Hope, 6215, f/d card, 14 days, m.s. (Harris-OH).

*****LIBYA*****: Radio Jamahiriya, 11816, partial data form letter mailed from Malta in 120 days (McKeon-IN), same letter in 10 months (Annis-IN). They claim that they are all out of QSL cards, has anyone seen one???????

OMAN: Radio Oman, 9655, f/d card in 38 days, 3 IRC (Kosugida-Japan).

SAUDI ARABIA: BSKSA, 21495, f/d card and sked in 73 days, IRC (Sato-Japan).

UNITED ARAB EMIRATES: Radio Dubai, 11755, 15300, 15320, 21655, f/d cards, skeds and pennants in 20 days, IRC (Starr-GA), in 21 days (Mathew-MA), in 4 weeks, \$1. US (Stark-N.B.), in 29 days (Casavant-PQ), in 29 days (Renn-WA), in 31 days (Soomre-MA).

AFRICA

ASCENSION ISLAND: BBC Relay, 9600, n/d Bridge card in 24 days (Tilley-CO).

PENIN: La Voix de la Revolution, 4870, f/d card in 38 days, EE report, 2 IRC (Brenesal-FL).

BURUNDI: La Voix de la Revolution - Fujumbura, 3300, date/frequency Drum and Antenna folder card in 6 weeks after 2nd follow up (11 months total), FF report, ms (Lobdell-MA).

CAMEROON: Radio Bafoussam, 4000, date only letter in 51 days for EE/FF rpt, 2 IRC (Konen-WI), same in 36 days, IRC, FF report (Barto-CT); Radio Garoua, 5010, f/d letter in 64 days, 2 IRC (Krist-VA).

CANARY ISLANDS: Radio Exterior de Espana Tenerife Relay, 15365, f/d card with site indicated, IRC, 33 days (Brenesal-FL).

CAPE VERDE ISLANDS: R. Voz de San Vicente, 7154, date only card in 22 days, EE report, 2 IRC (Konen-WI), same in 23 days, ms PP report (Ledford-NJ). OK, here's what I know about the Cape Verde situation. The station on 7154 IDs as Emisorra Official, with no mention of San Vicente. When last heard on 3930, they surely IDd as San Vicente. Can anyone shed any further light on this.

GABON: RTV Vabonaise, La Voix de la Renovation, 4777, date only map folder card in 14 weeks, FF report, IRC (Wilkins-CO).

IVORY COAST: Radio Abidjan, 4940, date/freq card in 36 days, 2 IRC (Brenesal-FL); 7215, f/d Map Card in 20 days, 3 IRC (Jones-VA).

LIBERIA: ELBC, 3255, f/d "The Sound of Progress" card in 204 days, EE report, (D'Angelo-PA); VOA - Monrovia Relay, 15600, f/d San Diego 41 st VOA anniversary card in 19 days (Ryeder-FL).

MADAGASCAR: Radio Netherlands Talta Relay, 15220, f/d New Transmitter site card in 10 days (Lipman-NY).

MALAWI: Malawi Broadcasting, 7130, f/d Map outline form letter in 59 days, EE report, ms, request for reports (Hall-CA). Nice one, Stu (kap).

MOROCCO: Radiodiffusion TV Marocaine, 15335, f/d map card and program sked in 37 days, IRC (Sato-Japan); VOA Tangier Relay, 15205, f/d San Diego card in 52?? days (Schulsinger-CA).

NIGERIA: Borno Radio Corporation, 6100, date/freq personal letter in 5 weeks, U.S. \$1. (Howard-CA). Nice one, Ron, tough to hear anywhere (kap); FRCN-Kaduna, 4770, f/d form letter in 67 days (McKeon-IN); Voice of Nigeria, 7225, f/d Arcade card in 11 months (Welch-MA); same card along with booklet in 300 days (Van Horne-TX).

SEYCHELLES: Far Eastern Broadcasting Association, no data card for EE report and 2 IRC, frequency was 11865 (Brenesal-FL).

SOUTH AFRICA: Radio RSA, 3230, f/d card in 22 days (Drollinger-WI); SABC Domestic Service, 4835, f/d cards in 22 days, IRC (Drollinger), in 21 days (Deinet-NJ); Radio RSA, various frequencies, f/d cards, skeds, pennants, etc received in an average of 25 days (Hull-WA, Munster-GA; Spremo-NY, Ryeder-FL, Arland-England, Fisher-WI, Cox-CA, Griffin-TX, Thim-CT, Krist-VA).

SWAZILAND: Trans World Radio Manzini, 9730, f/d Station Picture card, sked, religious booklets, 38 days (Evans-TN).

TOGO: Radio Togo, 5047, f/d logo card in 94 days, 2 IRC (Speer-CA), same in 55 days, FF report, 2 IRC (Van Horne-TX).

ZAIRE: Radio Candip, 5066, date/freq mimeo letter in 7 months, FF report, 3 IRC (Lazarus-LA). Very, very nice Henry (kap).

ZAMBIA: ZBS, 4911, f/d card in 3½ months, \$1. US (Stark-N.B.). Nice catch, Chris, Thanks for the tape and information (kap).

OCEANIA

AUSTRALIA: VLM4, Brisbane, 4920, f/d ABC Map card, 24 days (D'Angelo-PA), same in 40 days, IRC (Parks-FL), same in 52 days, IRC (Stephany-NY), VLQ9 - Brisbane, 9660, f/d Map card in 29 days, 2 IRC (Greenbauer-AZ); VLW9 - Wannero, 9610, f/d frequency card in 40 days (Skryock-MO), same card in 23 days, IRC (Brewer-AR); Radio Australia via Lyndhurst, 5995, f/d card in 21 days (Renn-WA), same in 20 days (Mathew-MA). Abbie, we look forward to your return from your trip to India (kap); via Shepparton, 9580, f/d card in 20 days, IRC (Spraker-NY), in 16 days, 2 IRC (Cox-CA), 9770, in 40 days, (Mathew-MA), in 35 days (Spraker-NY), in 20 days (Skryock-MO).

COOK ISLANDS: Radio Cook Islands, 11760, f/d "Man Blowing Conch Shell" card in 24 days, ms (Ledford-NJ), same card in 34 days, 3 IRC (Konen-WI).

GUAM: KTWR, 11840, f/d card in 15 days, US ms (Harris-OH).

NEW CALEDONIA: Radio Noumean, FR3, 7170, date/freq form letter in 28 days, 2 IRC (Brenesal-FL), same in 41 days, ms (Ledford-NJ), same in 41 days (McKeon).

NEW ZEALAND: Radio New Zealand, 11960, f/d card in 20 days, 3 IRC (McKeon-IN), same in 20 days (Brenesal-FL); 15485, same along with pennant in 11 days, 3 IRC (Muzyka-NY), in 30 days, \$1., IRC (Hull-WA); 17705, same in 28 days, 3 IRC (Stephany-NY).

PAPUA NEW GUINEA: N.B.C. - Port Moresby, 4890, f/d Map card in 58 days, EE report, 2 IRC (Ward-PQ).

SAIPAN: KYOI, various frequencies, f/d "Bird" cards in an average 35 days were received by the following folks (Holbrook-MD, Lazarus-LA, Soomre-MA, Stark-N.B., Blake-IN, Garrett-CA, Krist-VA, D'Angelo-PA, Golab-IL).

SOLOMON ISLANDS: S I B C, 9545, f/d Logo card in 22 days, 2 IRC (Brenesal-FL), same in 28 days, 2 IRC (Harris-OH), same in 26 days, 2 IRC (Spremo-NY), same in 32 days, IRC (Drollinger-WI), in 18 days (Tilley-CO). Remember, no return postage, no QSL from this station (kap).

ANTARCTICA

LRA-36, 15474v, d/f letter in 200 days, 2 IRC (Sherwood-MA), same in 4 months for SS report and tape, 2 IRC (Roussell-N.B.), card and letter in 108 days, SS report, IRC (Konen-WI), in 172 days, SS report, 3 IRC, Canadian stamps (Ward-PQ); AFAN, 6012, freq only "Welcome to the Club" cards in 26 days, (Stephany-NY), same in 44 days, ms (Krist-VA). Nice go, folks, 6 Way Down Under in one month (kap).

SOUTH AMERICA

ARGENTINA: RAE, Radio Nacional, 6060, Logo thank you card and goodie pack in 51 days, SS report, IRC, RAE, other frequencies, n/d card in 27 days, pennant (Black-MA), in 18 days, 2 IRC (Lipman-NY), in 34 days (Stephany-NY), in 31 days (Welch-MA); LRX, Radio El Mundo, 11755, frequency only microphone card and sticker in 16 weeks, SS report, IRC (Wilkins-CO). RAE sends along a real nice goodie pack, it is unfortunate that in most cases the QSLs are no data (kap). By the way, they still have not conceded the Battle of the Falklands, most of their items are rubber stamped "Islas Malvinas are Argentine" (kap).

BOLIVIA: Radio Panmaericana, 6105, f/d multi color card in 35 days, 3 IRC, SS report (Konen-WI).

BRAZIL: Radio Guaiba, 5965, n/d multi lingual card 3 weeks after follow up, 18 weeks total, PP report, ms, v/s Werner Volk (Wilkins-CO); Radio Globo de Sao Paulo, 6125, freq only White and Gold card in 141 days, PP rpt, IRC (Parks-FL); Radio Clube de Ribeirao Preto, 15415, date/freq personal letter and stickers in 30 days, PP report, IRC (Sato-Japan), same in 22 days (Ducos-France); Radio Bras, 15290, 15390, 17830, f/d cards in 32 days (Greenbauer-AZ), in 33 days (Stephany-NY), in 29 days (D'Angelo-PA), in 29 days, 2 IRC (Hull-WA).

COLOMBIA: Emisora Armonias del Caqueta, 4915, n/d logo card in 36 days, SS report, ms (Stephany-NY), same in 17 days after follow up, SS report, ms (Wilkins-CO); Radio Sante Fe, 4965, n/d form letter and pennant in 8 weeks, SS report (Wilkins); Radio Cinco - Villaviecnico, 5040, no data letter in 3 weeks after follow up, SS report, ms (Lobdell-MA); La Voz de los Centauros, 5955, card in 41 days, SS report (Barto-CT). It's been a long time since we've heard of a QSL from Radio Sutatenza 5075//5095. Do they still issue them? Back in the late 70's they had a very nice EE/SS f/d folder (kap).

ECUADOR: La Voz del Triunfo, 3253, card and letter in 71 days, SS report (Barto-CT); Radio Iris, 3380, n/d friendly personal letter in 2 months for SS report, tape and ms (Kapinos-MA); Radio Zaracay, 3395, freq only letter, pennant and calendar in 5 weeks, SS report, ms (Wilkins-CO), Radio Nacional Progreso, 5061, n/d letter and note requesting crystal for 5060 (aha, the are off freq - kap) in 11 weeks after 2nd follow up, 71 weeks total, SS reports, ms (Wilkins-CO); HCJB, 26020, Special 100 watt transmitter card in 29 days (Stephany-NY); HCJB, various frequencies, f/d cards were received in an average 40 days by the following (Fisher-WI, McCants-AL, Krist-VA, Cox-CA, Roussel-N.B., Arland-England, D'Angelo-PA, Moore-TX).

*****FALKLAND ISLANDS*****: FIBS, 2370, f/d card in 41 days, 3 IRC (Harris-OH); 3958, f/d card in 48 days, 2 IRC (Pimblett-Alberta). Folks, don't let your local U.S.P.S. counter clerk try to tell you that you can't send mail to the Falklands because "of the war". There was an embargo on mail last summer, but some smaller P.O.'s have not received the embargo cancellation notice. If the clerk persists, request that he call the nearest SCF for clarification. If that fails, use the sure fire method, request a "Consumer Complaint Form" from him. (kap). The preceeding based on personal experience, it was sort of fun to wave the Registered Mail Return Receipt duly post-marked Port Stanley at the clerk 3 weeks later --- alas, no QSL yet (kap).

PERU: Radio Atlantida, 4790, date/freq letter in 213 days, SS report, IRC (Moore-TX); Radio Los Andes, 5030, f/d card in 6 months for SS report, ms. Adress is Jr. Bolivar 529, Of. 201, Huamachuco (Lazarus-LA); Radio Amazonas-Iquitos, 5060, personal SS letter and full data card in 6 weeks for SS rpt, tape, ms (Lobdell-MA); Radio Vision, 5360, personal letter and f/d prepared card in 3 months, SS report, ms, adress: Huallaga 559, Juanjui, San Martin (Lazarus-LA); Radio Union, 6115, date only card in 39 days, SS report, IRC (Sato-Japan).

VENEZUELA: Radio Rumbos, 4970, date/freq "Pico Bolivar/Andes Venezuela" card in 137 days, SS report, ms (Stephany-NY).

NORTH AMERICAN AND THE ISLANDS

Once again we must present a truncated version of this area:

ANTIGUA, D.W. Relay, 6040, n/d card in 39 days (Cox-CA); BELIZE, Radio Belize, 3285, f/d cards and stickers in 28 days (Bresnesal-FL); BONAIRE, RN, 6165, 9590, 21685, f/d cards (Talbot-WI, Cox-CA, Hesch-NY, Greenbauer-AZ); CANADA, CFCX-Montreal, 6005, cd in 11 days (Sharp-FL), CFRX-Toronto, 6070, cd in 40 days (Jones-VA), CKFX-Vancouver, 6080, cd in 30 days, 2 IRC (McLeon-OR), CHNX-Halifax, 6130, cds in 35 days (Spraker-NY); CKZN-Saint Johns, 6160, cds in 28 days (Greenbauer-AZ), 18 days, ms (Schulsiner-OH); CKZU-Vancouver, 6160, cd in 28 days, 2 IRC (McLeod-OR); CBC Norther Quebec Service, 6195, f/d "Eskimos" cd in 18 days (Walega-OH); Radio Canada International, 17875, f/d "DIY" card in 93 days (Renn-WA); COSTA RICA, Radio Reloj, 4832, d/f cd in 16 days (McKeon-IN); TIFC, 5055, f/d cd in 135 days, IRC (Roussell-N.B.), in 123 days, 2 IRC (Spremo-NY); CUBA, Radio Havana Cuba, 6125, f/d cd in 66 days (Renn-WA), 11930, in 166 days, 3 IRC (McLeod-OR); Radio Moscow Relay, 6110, f/d card in 47 days (Mahoney-FL), 11840, f/d cd in 38 days (Talbot-WI); GUATEMALA, Radio Teztlutlan, 4835, f/d card in 50 days, IRC (Roussell-N.B.); TGNA, 3300, f/d Quetzal Bird card in 102 days, 2 IRC (Greenbauer-AZ); HONDURAS, HRVC, 4820, date only map card in 16 days (Lipman-NY); MEXICO, Radio Mexico, 11770, f/d card in 84 days, SS report, IRC (Van Horn-TX); Montserrat, DW Relay, 11865, n/d card in 33 days (Konen-WI); NICARAGUA, LVN, p/d letters and goodies, 5955, 78 days, SS report, IRC (Konen-WI), 49 days, SS report, IRC (Sato-Japan); U.S.A., WRNO, KGEI, WYFR, Voice of Free China via WYFR, La Voz de la O. E. A., WINB, United Nations Radio, KVOS(Pirate); all f/d cards received by the following folks (Cord-RI, Harrington-CO, Thompson-CA, Ryeder-FL, Sato-Japan, Griffin-TX, Tilley-CO, Lipman-NY, Sharp-FL, Krist-VA, Konen-WI, McKinstry-VA).

After 30 some odd months of preparing QSL reports, I have about run out of things to say. In that period we have typed well over 200 pages, used up teen typer ribbons (and an equal amount of correction cartridges), kept the nearest Miller Brewery and Viceroy butt factory going and so forth. The time has come for me to request that a replacement QSL editor be found as soon as possible. Our managing editor, Rick Drollinger, has found a quite capable and knowledgeable individual. Thus, my next column, July 1983, with a deadline of 12 June here will be my last in this position, as things now stand. There is some possibility that this will be finis, with my replacement coming on board almost immediately. Should this be the case, I wish to bid "adios" to all of you wonderful contributors who have made this column the best in the hobby. For sure, this is not the end of "kap", I'll be around, writing an article here and there, getting involved in some new ventures for me, and certainly continuing my active participation in SPEEDX. I'll also be available should any questions regarding QSLing come forth. Back in 1976, when I returned to the hobby after a long hiatus, there was a man who put up with my lousy contributions, who, as time went on, became my "Mentor". This man shared with me his vast experience and knowledge of DXing and QSLing. He never snickered at me for claiming Peking on 7120 when it was the Tirana relay after all, he just suggested that I try another frequency to get a true China QSL. Thank you, Bill Oliver, former QSL editor and now Publisher of FRENDX and LWCA. To you, sir, are dedicated all 30+ SPEEDX QSL columns as well as anything else that has appeared in print under my byline.

BEST, Kap 5.13.83

Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

TECHNICAL ROUNDUP

EQUIPMENT, ANTENNAS, RECEIVERS,
ACCESSORIES, AND NEW IDEAS

COMPARISON OF THE ICOM R70 TO
THE DRAKE R7 AND NRD 515

by Kirk Baxter, KS

Since the recent release of the Icom R-70 general coverage receiver, there have been several reviews of this product, with quite a few comparisons with the Drake R7 series or the NRD 515. Having used regularly a Drake R4B and a NRD 515, and having had the opportunity

to use an Icom R70 there are some distinctions which I feel have not been well delineated.

First, all the reviews I have read, except one by David Newkirk in the "Equipment Forum" column in Review of International Broadcasting, seem to have a mistaken concept of passband tuning. The Icom's passband tuning is not equivalent to the Drake's passband tuning or the NRD's PBT. The NRD or Drake truly allow you to move the receiver's passband around allowing reception of either sideband without main dial tuning. For example, with the LSB VOA feeder on 6873.0 kHz, one can, by merely turning the PBT knob, select which sideband is heard—no retuning is needed. The Icom's knob, labeled 'PBT' appears to actually only vary the bandwidth of the received signal. This Icom feature certainly has uses, but it is not what some have made it out to be. Some receivers, such as the Kenwood TS-930 (a ham transceiver) actually have both features, a true passband tuning control plus a variable IF bandwidth. The NRD does have true passband tuning; the only difference between the NRD's and the Drake's PBT is the direction the knob is turned to select the sidebands. With Drake receivers, the knob is turned to the left for LSB and to the right for USB—the exact opposite is true for the NRD. Additionally, the NRD had the option, via the mode knob, of selecting either LSB or USB in lieu of using the PBT control (which is activated by placing the mode switch in the 'cw' position).

Another item eluded to in reviews of the Icom R-70 was the peculiarity of the receiver to pick up signals one megahertz higher than the true frequency when the receiver is tuned to near (1.5 kHz) the beginning of the megahertz. For example, one would hear WWV at 4, 9, 14, and 19 MHz. Neither the Drake nor the NRD have this oddity (thank goodness). Furthermore, the Icom shifts the received frequency (and the readout) when the mode is changed. For example, when switching from USB to LSB, the frequency is shifted by 3 kHz so that the readout will always show carrier frequency. This can be rather annoying at first, but is tolerable. Neither the Drake nor the NRD shifts the readout frequency when modes are changed. Also these receivers allow you to manually chose your bandwidth filter instead of forcing you to use the mode-selected bandwidth as does the Icom.

One thing I noticed when using the Icom was the repeating range that you are limited to in tuning. By this I mean the tuning range goes from X.000.0 to X.999.9 kHz then starts over a X.000.0 again. In contrast to this, the NRD will tune continuously up the band for as long as you spin the dial (or push the button), and only when it reaches 29999.9 kHz does it loop back to 000.0 kHz. This feature again is a nicety of a well-designed receiver, but Icom's method isn't totally bad.

With the use of the external keyboard, the NRD has the equivalent of four tunable VFOs. One tunes these VFOs by use of the keyboard direction and rate buttons, adding an even greater degree of flexibility. When combined with the NRD's 96 channel memory, nothing can compare for quick frequency selection.

One cannot deny that the Icom R70 will find a prominent place as a good receiver for DXers but it has quirks which the more expensive units do not have. Certainly the basic receiver section of the R70 is excellent, but the CPU leaves a little to be desired. The variable selectivity (a.k.a 'passband' tuning by Icom), is nice, but different than most accustomed DXers would expect. One thing certainly in Icom's favor is its price, which is more reasonable. One local store is selling the R70 for \$599—one can't touch the Drake or NRD for that.

Basically one gets what you pay for, and though the Icom appears to be a good receiver, one is not getting all the well-thought out features of the Drake or NRD.

TO SPEND OR NOT TO SPEND:
THAT IS THE QUESTION

by Craig Rocha, CA

THE NARRATIVE: When faced with the exciting opportunity of getting a new receiver, many of us ponder as to what to do with the venerable "old" rig. It was during such pondering that I discovered the Electronic Overseas Corporation (E.O.C.) Shortwave Antenna and Booster, portable

model. I had read the "Antenna Review" article by John Kapinos (SPEEDX, June 1982, page 47) which described the E.O.C.'s non-portable antenna as "a fine buy for the money." Still, I was skeptical that a unit costing less than, say, 100 bucks could even begin to compete with an inverted-L longwire, a tall inverted vee, or with any other exterior installation.

In any event, upon obtaining an Icom IC-R70, I had some difficult choices to make: To keep or not to keep the Yaesu FRG-7---That was the question. After much deliberation, and finally realizing that I could never get adequate resale value for my modified FRG-7, I decided to keep the Yaesu, principally to be used as a portable receiver on trips to visit the relatives, on outings to the coast, to the hinterlands, and so forth. Since the Yaesu runs portably with D-cell batteries, my next major problem involved finding an adequate portable "active"-type antenna to use for mobile applications. To spend more bucks or not to spend---That was the question.

I reread John Kapinos' article, laudatory of the E.O.C., and decided on impulse to purchase the portable version, which runs on a 9 volt cell, for the complete price of \$25.95. I figured that if the antenna were only mediocre, I would still get my money's worth in having obtained a portable antenna for outdoor use as well as for use as a backup to my external wire antennas. (Incidentally, one of the latter was blown to its death this past winter.) My final question resolved itself into the following: To have been a fool or not to have been---That was the question.

THE RESULTS: Only 11 days later the unit arrived---\$25.95 complete. Surprisingly, the unit has worked well, exceptionally well. The antenna is very compact, consisting of a 3 1/4" X 5 1/2" plastic box in which the "guts" of the booster are housed. A whip which pulls upward can be extended to a height of 47.5", or almost 4'.

I found reception to be consistently best with the whip extended fully to the height of 47.5". An on-off switch located on the housing box is the only control, and a 9-volt battery well is located on the underside of the unit. Two alligator clips, both connected to the unit via a two-foot length of RG-174/U coaxial cable, attach instantaneously to the receiver's ground terminal (i.e. the black clip) and to the receiver's antenna input (i.e. the red clip).

I have found that I receive image-free reception by attaching both alligator clips to the receiver's SO-239 input; that is, by attaching the black clip to the outside shield section of the SO-239 connector and by attaching the red alligator clip to a banana plug directly through the center of the SO-239. In this way strong, spurious images from MW overload are avoided but which are ever-present if I connect the antenna in any way other than via the SO-239 input.

The portable antenna is truly a broadband, preamplified whip that, I'm sure, rivals the best active antennas around. To borrow the words of John Kapinos, "results are very favorable compared to units costing 4 times as much." Just how favorable have I found the E.O.C. unit to be?

Switching back and forth from my 95' inverted-L longwire to the E.O.C. portable antenna, I have observed the following comparisons, taken over a three-day period and based upon the ol' reliable SINF0.

<u>STATION-FREQUENCY</u>	<u>95' Longwire</u>	<u>E.O.C. Portable Antenna</u>
WVU, 2500	35444	25443
SABC, 3250	33243	1---
NBS, Tokyo, 3925	45434	25433
R. Mundial Bolivar, 4770	45434	25332
R. Rumbos, 4970	45434	35433
R. Singapore, 5052	45323	35222
RCI, 5960	45534	45534
RAI, 9575	44434	44333
R. Mocambique, 9619	44334	34233
V. of Vietnam, 10040	45444	45444
WYFR, 15365	55545	45545
R. Nacional da Amazonia, 15445	45545	45545
BBC, Ascension, 21660	35444	35444
VOA, 26040	45555	45555

Generally speaking, the E.O.C. portable antenna falls short of my longwire antenna. At times, however, the E.O.C. matches the longwire exactly in terms of gain and receivability.

Based upon the data, I would dare underscore the following observations:

1. that the E.O.C., from about 49 meters through at least 13 meters, came awfully close to rivaling my 95' longwire in overall merit;
2. that the E.O.C., from 120 meters through about 60 meters, achieved an overall merit degradation factor of $\sim 1/3$ (average) as compared to the longwire; and
3. that especially above 60 meters with strong, clear signals, the E.O.C. unit almost matched the SINPO efficiency of the 95' exterior antenna.

I didn't test the E.O.C. under extremely poor DX conditions. Frankly, as I get older, I am losing my patience for extreme "muddredging" DX catches. However, for most SWL applications, I judge the E.O.C. portable antenna as a top-rate value. If for nothing else, the antenna is excellent as an inexpensive "insurance policy" in the event that your external antenna were to meet an unexpected death.

Used in conjunction with a battery powered, portable loop antenna—such as the Radio West Ferrite Loop Antenna—the E.O.C. unit can provide the listener with gapless indoor reception from LW through the end of the SW spectrum. Show me another "active" type of antenna or preselector that works as well for 25 bucks! For ordering information, see page 61 of the 1983 World Radio TV Handbook.



BOOK REVIEW

THE WORLD OF THE (FINNISH) DX LISTENER

by Dr. Richard E. Wood, Saudi Arabia

Review of: Simo S. Soininen (editor in chief), DX-Kuuntelun Maailma. Toinen Laitos. (The World of the DX Listener.) Helsinki: Tietoteos, 1983. Pp. 288, paper. ISBN 951-9035-54-0

As an Esperantist, a believer in an equable, politically neutral solution to the world's language problems, it gives me a certain delight to be able to report that the major, most comprehensive, most useful book on a particular subject is written, not in English or another of the world's major languages, but in Finnish—a non-Indo-European language little known, studied or understood outside the country to which it is native. The feeling is all the stronger when the subject covered happens to be my favorite one, one where I can perhaps judge the importance of the book despite the major linguistic obstacle.

Such, then, is my judgement on the new, richly illustrated guide released early in 1983 (despite a 1982 printing date on the reverse of the title page) by the Tietoteos publishing firm (the name means roughly "The book of knowledge," founded and owned by DXer Jyrki K. Talvitie of Helsinki. Tietoteos is a respected general publishing house which, besides DX-related titles, offers, for example, the first Finnish and Spanish dictionary, books on historic aircraft, and other subjects. The work is advertised as a replacement for the 1972 book DX-Kuuntelun Opas ("The DX Listener's Guide").

Despite its obvious orientation to the Finnish listener, it is to be hoped that the book will be translated into other languages—it could be translated almost unchanged into Swedish (though the many Finnish-language bibliographical references could then perhaps be deleted), and adapted for other readerships in English, German, (I think it would sell well in Germany; a German-language edition of the World Radio TV Handbook is under active consideration in Hvidovre), Japanese, etc. Indeed, when translated, not all the specifically Finnish contents need be deemphasized. In fact, this reviewer would have liked to read more on some Finnish topics, e.g. in-depth coverage of the remarkable mid-winter DXpeditions to the Finnish Arctic, which have contributed so much to our knowledge of trans- and circumpolar propagation, especially on the MW band; lists of North American, Pacific and other MW stations heard in Finland as correlated with sunspot and other values, statistics on MW reception in Finland including lists of the likeliest reception from each U.S. state and Canadian province.

But let us not put the cart before the horse by first discussing what isn't in the book, before we consider its actual, rich contents. It begins with a foreword by Simo S. Soininen (who is professionally an adviser to foreign students at the University of Helsinki, where he is able to put into daily use his skills in languages, especially in Spanish, gained through DXing, and also boost student morale, in a cold, linguistically alien environment, by helping them keep in touch with their countries of origin through DX listening); Simo would welcome comments at: Asematie 12 B 12, SF-02700 Kauniainen, Finland. Next, the well-known Finnish DXers Pentti Stenman and Rainer Weurlander ask "What is DXing?". Jorma Mantyla follows with a discussion of the administration of world broadcasting, with maps of IBU regions and a useful listing of the old and new broadcasting bands (WARC 1959 and 1979), with years of planned introduction of the new and extended bands. Stenman and Gunhard T. Kock then consider the world's time zones, with an unusual map of Soviet time zones and a time zone gadget from the VOA which most U.S. DXers will not have seen before. Rainer Weurlander proceeds to consider "Types of

Stations", with some fine illustrations including one of a local beauty queen contest organized by Radio Centinela del Sur, Loja, Ecuador.

Next comes Kai Nieminen's "History of Radio Broadcasting," quite a lengthy article and not perhaps of strong current DX interest. Again there is a fascinating picture, of a SW antenna tower at Pori, Finland, which collapsed during a winter storm in 1982. Tino Kajamaa and Simo S. Soininen then briefly cover "Domestic Receivers" including portables; Kajamaa alone continues with "Communications Receivers." Jari Peltoniemi talks about "Tapes and Tape Reports". The longest single chapter follows: "Antennas," by Ilkka Hartikainen. As might be expected, there is a good deal of reduplication with what might be found in The Radio Amateur's Handbook; of course, such references written in Finnish might not be so easily obtained. Perhaps the best, clearest pictorial diagram of a loop antenna which this reviewer has seen appears on p. 89. The book is up-to-date: active antennas are described and illustrated. There follows a rather sweeping chapter by publisher Jyrki K. Talvitie on aspects of DXing including topographic factors, Beverage antennas, the special characteristics of Finnish Lapland and northern Sweden for reception, and the WRTH. Sven-Erik Hjelt then writes about the properties of radio waves. (Many of the contributors, like Hjelt and Weurlander, are Swedish Finlanders, and from the perspective of this reviewer's linguistic capabilities, it is a pity they did not write in Swedish).

Jorma Mantyla then offers a richly illustrated article on daylight and darkness at different times of day and year; this is of very great importance in a northern location like Finland. Unfortunately, the article does not refer to the availability of The DX Edge sliderule-type gadget, which is an indispensable aid to DXing, nor to the sunrise and sunset maps produced by American DX clubs. Jyrki Talvitie considers reference works and necessary knowledge for the successful DXer; a list of Latin American currencies and administrative units is given. Tapani Laitinen considers languages used on the air, an article which is rather heavily dependent upon this reviewer's "Languages in International Radio" in How to Listen to the World 1969/70 (which is in Laitinen's bibliography) but not properly undated since then; e.g. Laitinen still talks about the French-Swahili of the "Congo"—of course, that was correct in 1969-70, but such Swahili is not spoken in the only country now called Congo, only in Zaire. Likewise, the Radio Babaul ID cited on p. 132 is no longer valid. A team of three authors discusses "The Reception Report." Finnish DXers can be proud of the quality of their reports, which are the best in the world. The quality is maintained through training, competition, peer pressure and a close-knit local DX club life. However, the Spanish report on p. 140 is influenced by Portuguese. Risto Vahakainu considers QSLs and their storage, and illustrates QSL card, letter and pennant albums, sticker-decorated cars, and souvenir tapes and records.

The next major section covers the world geographically. It begins with the British Isles, which are now a major target for MW and FM with over 100 local stations, with powers as low as 100 watts; a type of DXing which was unknown when this reviewer was living in the U.K. Esa Hanninen has one of the most disappointing articles in the book, on DXing Iberia—too short and superficial, and it fails to convey the delight of DXing the very numerous small stations in Spain. It does not list the different Spanish networks, mention the dedication programs for Nordic DXers, talk about visits by Nordic DXers to stations in Spain, mention the Spanish enclaves in North Africa, illustrate the enormous variety of pennants and souvenirs available from stations in Spain and Portugal, or otherwise "hook" the DXer on the most fascinating DX country in Europe. This reviewer hopes that Finnish and Swedish MW and FM DXers, just because they are generally more fluent in English than in Spanish/Portuguese, will not begin to neglect Iberian stations, just because they now have a large and expanding selection of small stations in the British Isles. Jorma Mantyla then deals with Africa—again, as for Spain, there could have been more tips on individual stations—and with Asia and Oceania—providing more in-depth coverage, with useful hints on China, Japan and Korea. The fabulous northern Finnish autumn MW receptions of Hawaii and, later in the day, Australia, are discussed.

For any American reader, "The Yanks," to translate Raimo Kaksonen's slangy title, has a particular fascination. Like the other top Finnish North American specialists, Kaksonen is very well informed. This reviewer once conducted an impromptu "North American MW DX Quiz", in English, at a Finnish DX camp, and the participants knew their stuff. Terms like "promo, public service announcements, broadcast band, IRCA Almanac, clear channel, format, talk, easy listening" appear in the article. Need I say more? Editor-in-chief Soininen writes about his favorite area, "Latin America," pp. 198-203. The modest premises of Radio Luz y Vida, Ecuador, are illustrated. Sven-Erik Hjelt and Esa Hanninen consider "FM Listening", with useful graphs. However, tables of North American and other distant stations heard under particular conditions would have made this article less theoretical, and perhaps attracted more Finnish DXers to that part of the hobby for which their location uniquely equips them.

Kimmo Vornanen is the author of "FM DX." The stations discussed are, of course, those audible from Finland, and countries mentioned include Iceland, the Faroes, Spain, Yugoslavia, etc. Naturally, North American FM DXers receive a completely different set of

stations, and even approach the hobby differently. It is a pity that the possibility of transatlantic FM DX was not at least mentioned, since it has been reported, notably from a listening post in the Azores to FM stations in Atlantic City, NJ. FM DXers in Northern Finland should try possible catches from Greenland, northern Canada, etc., under auroral or other conditions. Seppo J. Pirhonen and Petri Popponen deal with "TV DX", which again is approached differently in Finland. More examples of actual catches, and more pictures, would have enhanced the value and attraction of the article.

Probably the most disappointing article in the whole collection is "Program Listening" by Petri Silmala. It covers only two pages; in fact, when blank space and a picture of the defunct listening magazine Voices are discounted, there is only one page of type. Two questions: why illustrate a dead listeners' magazine (which took many subscribers' dollars with it, when it bit the dust) rather than an existing, flourishing one, RIB (nowhere referred to in the book)? And how can one write an article on program listening which fails to refer to the name of a single program? Maybe the author is not a program listener himself. I get the impression that all contributors to the book are dedicated DXers, but could not one writer in Finland be found who enjoys and could describe "The World at Six," "As It Happens", "Radio Newsreel", "Our Wild Heritage" (Radio RSA), or their equivalents on Finnish-speaking stations?

On p. 234, Simo S. Soininen publishes a valuable and intriguing list of DX "indicator" stations, beacons to likely DX reception on certain bands from certain directions; for example, for North America on MW from the EST zone he cites WTOP 1500 (a surprise—I would have expected WNEW 1130, WBZ 1030 or WINS 1010); for MST, CFAM 950; and for PST, KEX 1190—many US DXers have never heard that one. A short article by Talvitie and Laitinen considers DX clubs and mentions ARARC, but not one individual US club such as NASWA or SPEEDX. A pity. I would like to see more Euro-American club interchange, and Nordic DXers attending ANARC meetings. The last part of the book deals with abbreviations, terminology and concludes with DX vocabulary, Finnish/Swedish/English/German/French/Spanish/Portuguese/Indonesian; it is reasonably accurate although some diacritics are omitted or wrong and the Indonesian spelling is not fully updated.

This, then, is a book North American DXers can envy. There is nothing like it in English. We have DXing According to NASWA but that is SWBC only, and not widely distributed. What are we North Americans waiting for? We have competent writers; our language is more widely known than Finnish, and English-speaking DX clubs probably have a total membership at least equal to those in Finland. And, we have a greater interest in program listening, as attested to by the success of RIB. DX-Kuuntelun Maailma is, as we have pointed out, not perfect, but it is better and bigger than anything in English. Will we let it hold this record?

|||||

AFRICAN DX

ASPECTS OF AFRICAN DX

by David Sharp, FL

How many times have you flipped through SPEEDX, wondering how all of those 60 and 90 meter band stations can be heard? I claim to be no expert in this field of DXing, but hope to help other DXers with their monitoring efforts. Since I specialize with African DX, that is what I'll concentrate on.

First, it should be noted that these low frequencies are a hybrid between SW and MW. You could monitor until your face it blue—if the conditions aren't right, you won't hear the DX. However, intelligent monitoring, in conjunction with SPEEDX and WRTH, is necessary if you want to hear good DX.

Here in Florida, I have noticed constant trends in DX. If reception to Latin America is good do not count on good African DX. The reciprocal is also true; good Afro DX usually results with poor DX openings to South America. Interestingly enough, I have also noticed that reception to Africa, and even Asia, on lower frequencies improves JUST BEFORE and JUST AFTER the passing of a cold front.

Those of you wanting to hear DX from Africa should also note that the overall best time to listen is GMT Monday mornings. At this time, many Latin stations sign-off early, thus leaving clear frequencies. I dare say that I hear Botswana and Zambia, for example, at this time more than others.

When IDing stations, several things need to be remembered. First, A DXer should learn to recognize different types of music. This may be helpful in determining, for example, whether a station is sub-saharan or East African. Other questions to ponder may be: the language, frequency, propagation possibilities, and regularity of reception, as noted through DX bulletins. All of these will help you to determine the station to which you are tuned.

The equipment needed to hear this DX does not have to be expensive. Receivers, such as

a DX-160, have the ability to hear rare DX. The key to success, as always, is the antenna. Personally, I use an HQ-129X and a DX-160. Both receivers are used in conjunction with a 3 element beam. If a DXer (for whatever reason) cannot use a beam, I suggest using a dipole. Those people in ECNA should, for the most part, keep their antennas as high as possible and give them an easterly heading. This will give maximum signal reception.

After hearing this good DX, I suspect most SPEEDXers will send off a reception report. When doing this, remember to be as accurate as possible. However, being accurate does not mean a 32 page report. Many African stations have small staffs, and time means money. Try to keep your report brief and concise. Also, never, NEVER be political. Some African countries are very paranoid about their neighboring countries, and to casually mention one might mean a zero percent chance of receiving a QSL card. It should also be noted that some countries will not accept English reports. Check John Kapinos' QSL column or WRTH for current trends with station policies. An IRC or mint stamp would also be a nice gesture; often, a station will not issue a QSL unless return postage is included. Oh yes, one last thing—keep the report legible. A report that cannot be read is useless, and will find its way to a waste paper can in a distant country.

I hope these comments will help SPEEDXers with certain aspects of African DX. Have fun, and good DX!

TIDBITS

RFI: There has been several important changes at Radio France International. The station is now an autonomous organization and no longer a part of Radio France. They now transmit for 3 hours a day to Latin America in French, Portuguese and Spanish. (Rick Drollinger, WI and Wettester, OH)

NEWS FOR HAPPY STATION: On the 28 March Happy Station show they announced they are considering broadcasting news on Sundays. This would not mean a longer broadcast but rather a shorter Happy Station show. They are toying with the idea of up to 7 minutes of news. They are soliciting comments on this idea. Those in favor are also asked to state how long they think the news should be and whether it should come at the beginning or end of the transmission. I strongly feel that there is enough news available to us SWLers and Saturdays and Sundays are slow news days anyway. The Happy Station show, without news, is one of the oldest traditions on the airwaves. Not only do I ask all of you to write, but I would like to see everyone in our hobby voice opposition to this idea. (Bruce K. Opitz, VA)

NEW GENERATION OF RECEIVERS: A super chip has been developed by IBM. We may have to wear long-johns to use it because it operates at -270 deg. C. The receiver could be wristwatch size; chip measures 1/10 micrometer (1-mill. of a mtr.). (From Frank Forrest via HCJB BX Party Line)

CODE RECEIVER: The Info-Tech M-600A is a unique code receiver/converter that will accept multiple codes from your shortwave receiver and convert these codes to a display on a video monitor or a hard copy printout on your printer. The M-600A uses state of the art Microprocessor circuitry to let you monitor thousands of CW and RTTY signals in Marine, Commercial, Government, Military and Press Services. Simple connection to your shortwave receiver and video monitor

or printer will put your system on the air in minutes for new horizons in monitoring. For further information write to: Universal Amateur Radio, Inc., 1280 Aida Drive, Columbus, OH 43068. (Fred Osterman, OH)

THE NASWA TROPICAL BANDS GUIDE FOR 1983:

This handy publication has just been issued. (Send \$3.00 to George Sherman, Box 2284, Minneapolis, MN 55402). It distills almost all of the 2040-5900 MHz stations logged in FRENDX from 2/76 to 1/83 into some 22 pages. Its handy by-frequency format devotes but one line to each station. However, into these few spaces are compacted: frequency, NASWA country, station name and city, usual times heard in NA, language, parallel frequencies, a code indicating how recently and how frequently it has been heard, and boxes to check if one has heard, QSLed and/or taped the station. This publication is a list-loggers dream. However, it is also a most valuable tool for legitimate DXers, whether "elite" or not. Order it and use it properly. (Dave Maxfield, MI)

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

ODDS AND ENDS: Well, this editor is now the proud owner of a microcomputer. I am learning how to use it and believe me, it as easy as algebra!!!! All kidding aside, this is a machine which is and will in the future impact on our hobby. Therefore, anyone with specific articles as well as programs which utilize microcomputers, please send them in. Of course, any other type of article is welcome. Please contribute. We do need you.

75
Arthur 55

CONTRIBUTOR'S LIST:

MAY 1983

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3 ADDISON	JOE	KS	R6000	11 LORENZ	THOMA	IL	FRG7700	
1 ALEXANDER	BRIAN	PA	FRG7700	15 LUCAS	RICHA	CA	R1000	
1 ALEXANDER	RODNE	IA	IC-R70	13 MAHONEY	MICHA	FL	DX100	
2 BARTO	SAM	CT		12 MANNING	SANDR	TX	FRG7700	
1 BARTSCH	ERIC	MN		13 MATHEW	ABBIE	MA	FRG7700	
5 BAXTER	KIRK	KS		11 MILLER	WILLI	CA	DX300	
1 BEAL	HOBAR	WA	R4C	14 MOMAN	DON	AB	R7	
5 BERRI	JASON	CA	RF2900	11 MOORE	ALEXA	UK	R7/DR7	
1 BLACK	DONAL	MA	IC720A	12 MUNSTER	RALF	GA		
6 BRENESAL	BARRY	FL		15 MUZYKA	WILLI	NY		
2 BREVILLE	WALTE	MO		14 McCANTS	DONAL	AL	RF2200	
6 BREWER	DON	AR	ICF2001	12 McKEON	THOMA	IN		
2 BURROWS	MICHA	MI		12 McKINSTRY	MICHA	VA	NRD515	
1 CAMPBELL	CORNE	DE	NRD515	11 NEAL	SAM	TX	RBC5	
6 CARD	PETER	RI	NRD505	11 NIKOLICH	MIKE	IL	HQ180	
1 CEREGHIN	JOHN	MD		11 O'DELL	DAVID	AR		
1 CHABAK	MIKE	AZ	HQ180	11 O'RIORDON	HUGH	ID	FRG7700	
1 CHINSKY	MARK	NY	RF2600	18 OPITZ	BRUCE	VA	R1000	
4 CLAYTOR	DAVID	MI	R1000	11 OSTERMAN	FRED	OH	TS930S	
2 CLEVELEY	RUSSE	NY	DX160	11 PAGANO	FRANK	DC	RACAL	
3 COLEMAN	ROBER	MA	FRG7	14 PALMER	BOB	WA	IC-R70	
1 CONWAY	PETER	UK	51J-4	15 PARKS	WILLI	FL	HRD60	
4 COUTERMARSH	JIM	VT	DX300	12 PECK	MARTI	NY	FRG7	
7 COX	JAMES	CA	R600	11 PETTENGILL	ROGER	ME	DX302	
5 COYLE	CHRIS	PA	WR1500	11 PHILIP	JOYCE	BC	CRF5100	
4 CUNNINGHAM	LARRY	OH	FRG7700	13 PIATELLI	MARIO	CA	IC-R70	
3 CURNELL	MARK	OR	RF8800	12 PIMBLETT	NIGEL	AB		R600
3 D'ANGELO	RICHA	PA	NC190	12 POLSGROVE	BILL	MS	ICF2001	
6 DENMITT	JOHN	PA	HMBREW	14 PRESTON	BILL	CA	R600	
8 DROLLINGER	RICK	WI	HQ160	11 RADTKE	CARL	CA	SPR4	
1 DUCOS	PIERR	FR		11 RANKIN	ROBER	KS	R7/DR7	
6 DUNCAN	GREG	NC	DX302	11 RENN	JIMMY	WA		
2 EVANS	JIM	TN	RF2200	18 RISING	ALLEN	CA	IC-R70	
3 FAMULARO	RALPH	NJ		14 ROBICHAUD	ICAN	NB	R1000	
2 FISHER	JOHN	MA		15 ROBINSON	BETSY	TN	ICF2001	
2 FISHER	MIKE	WI		13 ROUSSEL	ROGER	NB	R1000	
1 FLICK	ROBER	MO	DX300	13 RUCKMAN	ROBER	OH		
1 FLYNN	EDWAR	MD	NRD515	11 RUNNELS	ROBER	TX		
2 FORREST	FRANK	CA		11 SABLE	THOMA	NY	FR6600J	
3 FRASER	BOB	MA	XCR30	15 SALMON	R	CA	R392	
4 GADALLAH	LARRY	AB		12 SATO	HIROM	JP		
1 GAVARAS	THOMA	MN	HQ180	11 SAUNDERS	DONAL	NJ	FRG7700	
1 GEORGE	CHARL	TX	SSR1	13 SCHLESINGER	MARK	TX	FRG7	
2 GILSTER	PAUL	NC	IC-R70	14 SCHROEDER	ART	WI	DX160	
1 GLOCK	VICTO	CA	RF2200	11 SCHULSINGER	MIKE	OH	FRG7	
4 GONZALEZ	FERNA	NY	FRG7	14 SHARP	DAVID	FL	HQ129X	
1 GREENBAUER	DAN	AZ	RF2800	11 SHARPE	BRYAN	CA	DX302	
2 GRIFFIN	RODNE	TX		13 SHEEDY	DAN	CA		
2 GROSVENOR	NORMA	CA	FRG7	11 SHEPHERD	GREG	IL	DX300	
1 GUNTER	JOHN	NC	R1000	11 SHOROCK	DON	KS	ICF2001	
2 HALL	STU	CA	DX300	15 SHRYOCK	CHARL	MO	FRG7700	
1 HARTUNG	JAMES	MD	R7/DR7	11 SIENICKI	STEVE	NJ	DX200	
1 HEIN	DONAL	PA		12 SILL	JOHN	MA		
1 HENAULT	JOHN	MA	FRG7000	12 SMITH	TOM	FL	XCR30	
1 HERR	GEORG	CA		11 SMITH	TRAVE	CA	NRD505	
8 HESCH	RUTH	NY	R1000	14 SOOMRE	ED	MA	R1000	
3 HILL	ELAIN	SC	FRG7700	16 SPEER	RICHA	CA	RF2900	
1 HOLBROOK	HANK	MD	HQ129	12 STANLEY	TREVO	AZ	NRD515	
6 HOSMER	DONAL	MI	RF3100	12 STARR	TIMOT	GA	DX302	
4 HOTALING	STAN	NV	RF2800	14 STEIN	RICHA	NJ	FRG7000	
1 HOWARD	RON	CA	SB310	16 STEPHANY	NOLAN	NY	R392	

1	HOWARTH	CHET	WA		13	STONE	WILFR	ON	
3	HUFFAKER	CARL	MX		12	STREETER	ROBER	NY	R4B SX100
3	HULL	RICHA	WA		11	SUGAI	KAZUH	JP	RF1330
1	JOHNSON	FRED	IL	RF2200	14	TALBOT	LARRY	WI	FRG7
1	JOHNSON	HOWAR	TX	R1000	12	TANAKA	MASAH	JP	R1000
1	JOHNSON	MARK	ID	DX302	16	TAYLOR	LYLE	SD	
1	JONES	BRIAN	TX		11	THIBODEAUX	KEITH	LA	
3	JONES	DAVID	VA		11	THOMPSON	GLENN	NM	FRG7
3	JONES	JACK	MS	R600	17	THOMPSON	PEGGY	CA	FRG7
1	JORDAN	BRAND	TN		15	THUNBERG	BOB	PA	SSR1 HQ200
2	KANOPKA	LEON	NY	DX300	14	TILLEY	DOUGL	CO	FRG7700
1	KAPINOS	JOHN	MA	FRG7	12	TRAGER	TIMOT	CA	FRG7700
4	KARNS II	SHERM	OK	DX100	11	TRENT	JOHN	AK	RF2900
1	KAZAROSS	NEIL	MA	IC-R70	11	TREVOR	STANL	AZ	
1	KERR	IAN	UK		11	TYLER	TIMOT	MI	R1000
4	KERRIGAN	PATRI	IL	R1000	14	ULMER	DOUG	LA	R1000
1	KIVELL	BOB	NM		13	VALENTINE	F. A.	CA	IC-R70
1	KLINGENFUSS	JOERG	FG	NRD515	11	VAN HORN	GAYLE	TX	RF3100
3	KOEHLER	WAYNE	IL		12	WALEGA	GENE	OH	R390A
4	KONEN	MARK	WI		11	WALTERS	JOHN	NJ	R-1530
6	KRIST	KRAIG	VA	FRG7700	11	WARD	HENRY	PQ	FRG7000
1	KROLAK	EUGEN	MI	FRG7700	13	WEIKEL	FRANK	MI	S-38E
3	LANGLOIS	HAROL	GA		13	WELCH	FRANK	MA	ICF6800
1	LATKO	JAY	AZ		15	WETTERSTEN	P	OH	RF2900
1	LAZARUS	HENRY	LA	SX190	13	WHITE	CLARE	KS	RF2200
2	LEARY	ROBER	OH	FRG7700	12	WIEBOLDT	BONNI	FL	DX300
1	LEDFORD	JOHN	NJ		11	WILCZEK	BOB	IL	DX160
1	LEEMAN	JOE	RI		14	WILKINS	JOHN	CO	R1000
2	LEITE	STEVE	MA	HQ180A	11	WILLIAMS	JOHN	MN	ITT3010
2	LEONARD	MICHA	ME	R1000	13	WIMMERS	BERNI	VA	R1000
1	LINDLEY	TERRY	AL	DX300	16	WITTE	MARJO	CA	FRG7
2	LIPMAN	E	NY		13	WOROB	PHILI	TX	DX160
1	LOBDELL	CHRIS	MA	FRG7000	11	YAJKO	ROBER	PA	SPR4
4	LORD	EARLE	CA	FRG7700	11	YINGLING	THOMA	MD	FRG7700

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3	ADDISON	JOE	KS	R600	R6000	13	LEARY	ROBER	OH	FRG7700
1	AKED	ROGER	FR	NRD515		11	LEITE	STEVE	MA	HQ180A
1	ALEXANDER	BRIAN	PA		FRG7700	12	LEVIN	JAY	NJ	
1	ALEXANDER	RODNE	IA		IC-R70	13	LEVYA	JAMES	MS	SP600
1	ANNISS	BILL	IN			11	LEWALYN	ROBER	GA	DR7
3	ARLAND	RICHA	UK	R600		18	LIPMAN	EDWAR	NY	
3	ASHLEY	MARK	NC			14	LOBDELL	CHRIS	MA	FRG7000
2	BARTO	SAM	CT			13	LORD	EARLE	CA	FRG7700
1	BARTSCH	ERIC	MN			13	LUCAS	RICHA	CA	R1000
1	BEAL	HOBAR	WA		R4C	13	MACGIBBON	BRUCE	OR	
1	BELGHAUS	FRED	NJ			14	MAHONEY	MICHA	FL	DX100
2	BERRI	JASON	CA		RF2900	15	MANNING	SANDR	TX	FRG7700
1	BLACK	DONAL	MA		IC720A	13	MATHEW	ABBIE	MA	FRG7700
1	BLAKE	JERRY	IN			13	MILLER	WILLI	CA	DX300
3	BLANCHARD	JEFF	WI			11	MISHER	MIKE	WI	
2	BLANCHETTE	MARIO	FL	DX100	RF2600	11	MOORE	ALEXA	UK	R7/DR7
9	BRENESAL	BARRY	FL			12	MOORE	MICHA	TX	
1	BREVILLE	WALTE	MO	R1000		11	MORGAN	TODD	NC	
6	BREWER	DON	AR		ICF2001	18	MUNSTER	RALF	GA	
1	BROWN	CLIF	IL			16	MUZYKA	WILLI	NY	
1	BURROWS	MICHA	MI			11	McCANTS	DON	AL	
1	CAMPBELL	CORNE	DE	NRD515		11	McCANTS	DONAL	AL	RF2200
7	CARD	PETER	RI		NRD505	14	McDOWELL	JOHN	IL	
1	CASAVANT	RICHA	PQ			15	MCKEON	THOMA	IN	
1	CHABAK	MIKE	AZ		HQ180	14	MCKINNEY	LARRY	PA	
1	CHINSKY	MARK	NY		RF2600	11	MCKINSTRY	MIKE	VA	
2	CLAYTOR	DAVID	MI		R1000	11	McLEOD	JERRY	OR	
4	CLEMMER	PAUL	KS	IC-R70		11	NEAL	SAM	TX	RBC5
3	CLEVELLEY	RUSSE	NY		DX160	18	OPITZ	BRUCE	VA	R1000

3	COLEMAN	ROBER MA	FRG7	!1	OSTERMAN	FRED OH	NRD515	TS9305
1	CONSTANTINIDCOSTA	GR		!1	PACETTI	STEPH CO		
1	CONWAY	PETER UK	51J-4	!5	PARKS	WILLI FL		HR060
2	COX	JAMES CA	R600	!1	PETTENGILL	ROGER ME		DX302
4	COX	JIM CA		!2	PIATELLI	MARIO CA		IC-R70
5	COYLE	CHRIS PA	WR1500	!1	POLSGROVE	WILLI MS		
2	CULBERTSON	KEVIN WA	FRG7700	!4	PRESTON	BILL PA	R600	
5	CUNNINGHAM	LARRY OH	FRG7700	!1	PROVANCE	TERRY OH	R7	
5	D'ANGELO	RICHA PA	NC190	!1	RANKIN	ROBER KS		R7/DR7
5	DEINET	A.J. NJ	NRD515	!3	RAYMOND	ROBER MA	R600	
10	DEMMITT	JOHN PA	HMEBREW	!1	REINSTEIN	STEVE FL		
2	DESROSIERS	ROBER MA	IC-R70	!1	RENN	JIMMY WA		
1	DEVENDORF	CHRIS CA	IC-R70	!5	RISING	ALLEN CA		IC-R70
8	DROLLINGER	RICK WI		!3	ROBICHAUD	IVAN NB		
1	DUCOS	PIERR FR		!4	ROBINSON	BETSY TN		ICF2001
2	DUGUAY	RICK MA		!1	ROUSELL	ROBER NB		
1	DUNCAN	GREGO NC	DX302	!6	RYEDER	REDD FL		
3	ENGLISH	DON TX		!3	SABLE	THOMA NY		FR6600J
2	EVANS	JAMES TN	RF2200	!4	SALOMON	R CA	R392	
3	FAMULARO	RALPH NJ		!2	SATO	HIROM JP		
5	FISHER	MICHA WI		!1	SCHACHAT	KEN NH	IC-R70	
2	FLANAGAN	JOHN MA		!2	SCHLESINGER	MARK TX		FRG7
3	FLEISCHAKER	TED KY	ICF2001	!1	SCHULSINGER	MICHA OH		
1	FLICK	ROBER MO	DX300	!3	SCHULSINGER	MIKE OH		FRG7
1	FLYNN	EDWAR MD	NRD515	!1	SHAMBLIN	BILL CA		
1	FORREST	FRANK CA		!1	SHARP	DAVID FL		HQ129X
4	FRABER	ROBER MA	XCR30	!2	SHARPE	BRYAN CA		DX302
1	GARDNER	TRACE UK	DR7	!1	SHEEDY	DAN CA		
1	GARRETT	LARRY CA		!1	SHEPHERD	GREG IL		DX300
2	GILSTER	PAUL NC	IC-R70	!1	SHERWOOD	LINDA MA		
5	GOLAB	MARC IL		!5	SHRYOCK	CHARL MO		FRG7700
1	GORDON	MARK CA		!2	SILL	JOHN MA		
1	GREENBAUER	DANIE AZ	RF2800	!3	SMALLWOOD	JAMES FG	RF4900	
3	GREENWALD	JEFF WY	DX100	!1	SMITH	TOM FL		XCR30
1	GRIFFIN	RODNE TX		!1	SMITH	TRAVE CA		NRD505
2	GRIJALVA	GABRI AZ	IC-R70	!3	SOMERS	JACK CA		
2	GUNTER	JOHN NC	R1000	!1	SOOMRE	ED MA		R1000
1	HACKNEY	RICHA TN	DX302	!4	SOOMRE	EDWAR MA	R1000	
4	HAHN	JEFFR CA		!4	SPEER	RICHA CA		RF2900
2	HALBERT	DAN CA	TS-430S	!1	SPRAKER	DAVID NY		
1	HALL	STU CA	DX300	!2	SPREMO	ALFRE NY		
2	HANCOCK	JOHN AL	SPR4	!5	STANLEY	TREVO AZ		
1	HARRINGTON	ROB CO		!1	STARK	CHRIS NB		
7	HARRIS	MIKE OH	DX302	!2	STARR	TIMOT GA		DX302
1	HARTUNG	JAMES MD	R7/DR7	!1	STEIN	RICHA NJ		FRG7000
6	HARVEY	SHELD QB		!1	STEPHANY	NOLAN NY		R392
1	HATTAN	C.J. NZ		!2	STONE	WILFR ON		
1	HEIN	DONAL PA		!9	TALBOT	LARRY WI		FRG7
1	HENAULT	JOHN MA	FRG7000	!3	TATE	HAROL WV		
7	HESCH	RUTH NY	R1000	!4	TAYLOR	LYLE SD		
4	HILL	ELAIN SC	FRG7700	!2	THIM	WILLI CT		
1	HODGSON	CHARL SA		!8	THOMPSON	PEGGY CA		FRG7
2	HOLBROOK	HANK MD	HQ129	!5	THUNBERG	BOB PA	SSR1	HQ200
2	HOTALING	STAN NV	RF2800	!4	TILLEY	DOUGL CO		FRG7700
1	HUDDLESTON	HOWAR TX	R7	!3	TRAGER	TIMOT CA		FRG7700
9	HULL	RICHA WA	IC-R70	!3	TRENT	JOHN AK		RF2900
2	JOHNSON	DON CA		!4	VALENTINE	F.A. CA	IC-R70	
1	JOHNSON	FRED IL	RF2200	!2	VAN HORN	GAYLE TX	RF3100	
1	JOHNSON	MARK ID	DX302	!1	VAN HORN	LARRY TX		
4	JONES	BRIAN TX		!5	WALEGA	GENE OH		R390A
7	JONES	DAVID VA		!1	WALTERS	JOHN NJ		R-1530
1	JONES	JACK MS	R1000	!1	WARD	HENRY PQ		FRG7000
1	KAPINOS	JOHN MA	FRG7	!1	WARREN	ANN VA		
4	KARNS II	SHERM MI	DX100	!3	WEIKEL	FRANK MI		S-38E
3	KEPHART	THOMA MI	RF2600	!3	WELCH	FRANK MA		ICF6800
1	KERR	IAN UK		!1	WIKNER	ROBER FL		
5	KERRIGAN	PATRI IL	R1000	!5	WILKINS	JOHN CO		
1	KIVELL	ROBER NM		!1	WILLIAMS	JOHN MN		ITT3010
1	KOBYLSKI	ANTHO MD	FRG7	!4	WITTE	MARJO CA		FRG7
6	KONEN	MARK WI		!2	WOROB	PHILI TX		DX160
2	KOSUGIDA	SHINI JP	R300	!1	YAJKO	ROBER PA		SPR4
6	KRIST	KRAIG VA	FRG7700	!5	YINGLING	TOM MD	FRG7700	
1	KROLAK	EUGEN MI	FRG7700	!2	ZILMER	ROBER NM		
1	LANGLOIS	HAROL GA		!2	ZIMMERMANN	DIRK FG		
1	LAZARUS	HENRY LA	SX190	!				

Well, four pages of contributors this month...including the ads, that is. On this last page we have a few items of explanation as well as a whole bunch of want ads again.

To begin with, concerning the contributors list, we have a number of very important things to talk about. Since the list is now being computerised, we all have to be a lot more careful about how we send in our logs, in other words what name we use. The only name the computer will recognize is the one on the mailing label! Period! So, if you are listed as Robert on your label, but send in logs under Bob, then you may not get your credit for that month, even though your name shows up on the listing at the back of the book. So, if you want credit for your loggings, make certain that you submit them using the exact same name as printed on your address label. We are working on trying to get peel-off labels that you can remove from the magazine and stick on to your contribution to the CDE or whomever. In the meantime, please write on your contributions the name exactly as it appears on the label. If you would like your label to read something else, such as Bob instead of Robert, please let us know and we will change it. Also, you will see the first part of this this month, and the rest of it later, an added bit of information on your address label. Instead of just printing your expiration date at the upper right corner of your label, we will now also be printing your full-member date as well as credit points earned year-to-date. So, this is how your numbers on the label will look: 8/8303/8312. The '8' means 8 credits to date, with your full-member date being March 1983 (8303) and your expiration date being December 1983 (8312). A '9999' for the full-member date means you haven't contributed to the magazine. This will be an easy way to keep up-to-date on how many credits you have as well as when your year is up for Full-membership status. We hope that it proves to be helpful to you.

One other thing before getting to the want ads...concerning the HAP page. It was to have appeared this month, and in fact we did receive one from Al Schwaneke. However, it was the decision of the M.E. and myself not to run it due to statements made by the current HAP president concerning problems with that organization. Al does state that he will be shutting down operations this month, and plans on closing down HAP altogether quite soon, unless someone steps forward to take it over. I'm sure that all HAP members have already received word of this and hopefully a plan is in the making to take them over. The HAP page will no longer appear in SPEEDX from this point on, at least until new blood has taken it over.

WANT ADS ... FOR SALE ITEMS ... BUY ME PLEASE!!! ... NO COLLECT CALLS PLEASE.....

FOR SALE: Sony ICF-6800W ("Orange") SW receiver, 3 months old, mint condx, w/box. \$535 includes shipping. Phone (904) 373-7474 from 2300 to 0400 UTC or weekends anytime. Barry Brenesal

FOR SALE: Bob Leary has an entire warehouse of items for sale, too numerous to describe in detail here. They include an Info Tech M-200-F CW/RTTY decoder, Military surplus BC-608 receiver, R-44/ARR-5 receiver, Regency Model MR/10 VHF receiver, Bearcat BC-100 16 channel fully programmable scanner, plus others. Please contact him on prices, etc. His list lasts an entire page and there is no way SPEEDX can support an entire page of ads for just one person. Robert Leary, 67 Eber Ave., Akron, OH 44305 or phone (216) 376-2402. NO COLLECT CALLS please.

FOR SALE: Receiver, Hallicrafters SX-88, original manual, R-42 reflex speaker, many extra tubes. Steve Gunn, 407 W. Blair St., West Chicago, IL 61244. Phone (312) 231-8232. Prefer pickup but may deal...you pay shipping. Price can be discussed.

FOR SALE: Atwater-Kent radio & speaker, Model 47 (1928?). Please send SASE for list of details. Asking for best offer. Cal Craig, 181 Oakhurst, Munroe Falls, OH 44262 or call (216) 688-0537. No Collects.

FOR SALE: Yaesu FRG-7700, Collins 2.9 and 1.9 mech. filters, 4kHz ceramics, mint condx, \$550; Kenwood R-1000, mint condx, \$325; Yaesu FT-101ZD ham transceiver, 10 and 11 meter crystals, AM board, mint condx, \$550. Keith Thibodeaux, (504) 928-5759. No Collects.

WANTED: Hallicrafters S-40 series receivers, any condx, working or not. Please give condx, appearance, mods, price, etc. Fala Electronics, Box 04134, Milwaukee, WI 53204

FOR SALE: Mint R-1000 w/matching SP-100 speaker, \$380. GE Superadio-Plus, \$80. All less than a year old. Boxes, 1B's, I pay UPS. Frank Shoemaker, Box 6432, Syracuse, NY 13217 or call (315) 446-9016.

FOR SALE: QSL picture album from Gilfer, the big one, for \$5 plus postage. John Taylor, 3208 Henrietta, St. Louis, MO 63104

FOR SALE: 16K RAM pack for Timex/Sinclair ZX81 in exc. working condx, \$25 + shipping.

4 programming books (each different) for ZX81, \$15 + shipping. All of the above for \$35 + shipping. Write first please to: Dan Hromadka, 1107 N. 62nd St., Waco, TX 76710

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