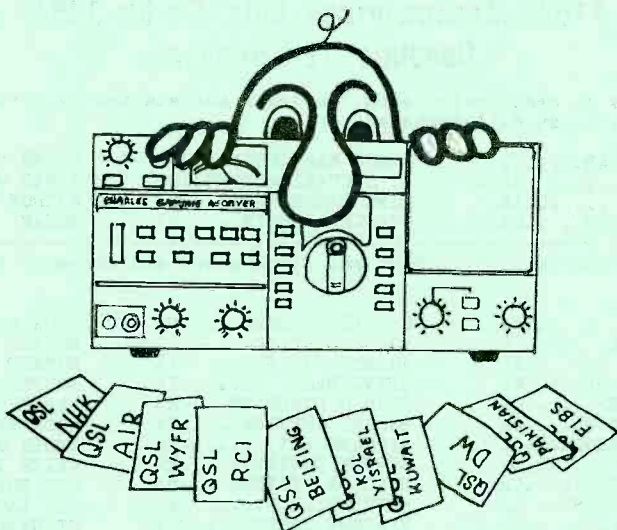


SPEEDX

SPEEDX

the dx radio magazine
for active shortwave listeners



LOOKING FOR ANOTHER ONE!!!

NOVEMBER 1983

VOL 13 NO 11

SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Lots 'n lots of names this month, so let's get started by giving a fond welcome to twelve new Full Members!

JIM COUNTERMARSH...VT
DAN SHEEDY.....CA
JOHN TRENT.....AK
RICHARD ARLAND.....UK

BRUCE MacGIBBON...OR
G. MICHAEL WOLOCH..PQ
DIRK ZIMMERMAN...FRG
CHARLES GAMMIB.....MI

ALLEN LIEU.....CA
JAMES WATSON.....KS
ANTHONY STIZZA....NJ
ROLAND STINER.....NY

This month there are 59...count em...59 members and renewers to add to our ranks.....

JOHN PRATH.....FL
GARY BLEDSOE.....FL
FRANK HAMES.....FL
WILLIAM FOLSGROVE..FL
JAMES PETERS.....FL
STEVEN SORENSEN....CA
EUGENE VONDERSCHER..CA
ERIC JOHNSON.....CA
MICHAEL NOWICKI....CA
NORMAN STEPHENSON..CA
STEPHEN HAWKINS....CA
STEVEN GROSS.....CA
WILLIAM GUZMAN....CA
GEORGE WERTS.....CA
GREGORY DUNCAN....NC
BOWLAND ARCHER....NC
THOMAS JAMES.....NC
JOHN WALTERS.....NJ
THOMAS MURPHY....NJ
HAL PRESSMAN.....OH

MICHAEL STEMEN....OH
ROGER SABELLA.....IL
JOSEPH FARLEY.....IL
STEVE RAHN.....IL
JOHN O'LOUGHLIN...KS
ROBERT CURTISS....PA
RICHARD RAY.....PA
STEVAN DAVIES.....PA
WILLIAM PEARSON...PA
PETER DILLON.....PA
VINCENT HEVERN....NY
ALLEN ROBERTS....NY
ROBERT LENROW....NY
ARNOLD RITT.....VA
MELVIN FLANNAGAN..VA
ROBERT FRIEDEN....VA
GLENN NAKANO.....HI
WAYNE BENKINNEY...MI
MIKE DRIER.....MI

JACK MAY.....GA
RONALD DOWNING....CO
DONALD MARR.....IA
ROBERT CURTIS....VT
LARRY CHICKERELL..WV
RICHARD HACKNEY...TN
TERRY KLASEK.....MO
KEITH THIBODEAUX..LA
DON EMERSON.....TX
JAY LATKO.....AZ
RICHARD GILMORE...MA
DONALD TAIT....AUST'L
PETER POMPE...BELGIUM
WAYNE SEWARD.....NV
CHARLES THATCHER..RSA
DON MOMAN....ALBERTA
GREG POOLE...ONTARIO
RON SEILER....BR.COL.
HIROKAZU KOIZUMI...JP
JAMES MILLS...CAICOS.

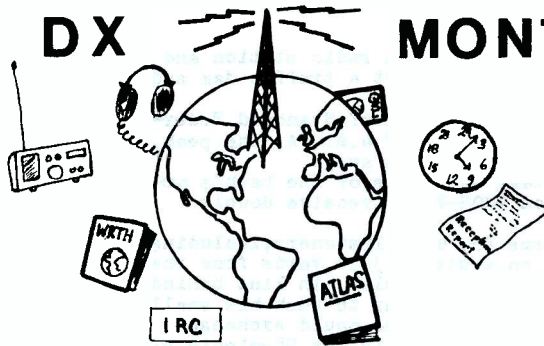
There ya go, the fine 59! Glad I was able to fit you folks all on one page! You guys 'n gals have already taken the first step to obtaining full membership, but the rest is up to you! You can start by sending your contributions to the individual editors, or if the cost of postage zaps your pocketbook, you can send all of your loggings, etc. to our CDE, "Perky" Peggy Thompson, at: 2706 Alabama St., La Crescenta, CA 91214 by the sixth of the month. Let's see your contributions in the pages of SPEEDX! CU Next month...

A THOUGHT TO FORGET: If you have to make a choice and decide not to, that in itself is a choice....

73s David

If you want DX news, and not ancient history, start subscribing to SPEEDX - Gram, a midmonth flashsheet just chock-full of hot DX news! For more info, drop Don Johnson a line at: 17770 Strickland Ave., Lake Elsinore, Ca 92330, and he'll get the information off to you!

DX MONTAGE



DAVID SHARP
17602 MEADOWBRIDGE
LUTZ, FL 33549

DEADLINE: 12th of the
month

contests*club info*tips
anecdotes*humor and fun
for SPEEDXers!

November...and time for DXM. Life here in Lutz is slow at best, unlike the hustle and bustle of the big city. However, things have gotten exciting, as the Department of Transportation is proposing the building of a freeway through the middle of Lutz...and the funny thing is...your editor's QTH is right in its path! And to think they call that progress! It will be interesting to see what happens...after all, it's not every day someone builds a super-highway through your front yard, hi! Hope DX has been good at your QTH, been noticing some nice Asian openings lately. Only two pages this month, so I better get started while there's still room, hi!

In the 1983 election to fill three open positions on the Board of Directors, 57.6% of the 250 eligible voters responded. The three newly elected Directors are: Peggy Thompson, Don Johnson, and Chris Hansen.

THE BALLOTING WENT THIS WAY:

Peggy Thompson	(94 votes, elected to a four-year term)
Don Johnson	(90 votes, elected to a four-year term)
Chris Hansen	(68 votes, elected to a two-year term)

Sandy Blaize (49 votes), Mike Chabak (47), John Kapinos (44), Art Getzel (22), and Rick Drollinger (17 votes).

The first order of business for the new BOD will be to elect a new president. According to the SPEEDX Constitution, John Trautschold will not be eligible for another term as president.

Once again, congrats to the newly elected Directors...and thanks to all who took the time to vote!

More on FR3: SPEEDXer Pierre Ducos of France was kind enough to explain to me the current situation with FR3 stations. Apparently, overseas stations, such as Radio Tahiti, are now Society Nationale de Radio Television Francaise d' Outre Mer. However, within France, FR3 is now in charge of producing regional TV programs, while the old FR3 radio stations are now under the authority of Radio France....

Jeff Marker forwards some info on the new ICF-2002 receiver: The radio, to be marketed soon, features LW, MW, SW, and FM reception, ten station memory presets, automatic scan tuning, built-in quartz clock, SSB capability, etc. The specs sound good, too, with 1 microvolt sensitivity at 10 MHz. If you get hold of this receiver, I am sure Sandy Blaize in Technical Topics would appreciate a test report!

ICF-2002

Don Johnson informs the once popular White's Radio Log has been revived, and it's a must if you DX FM, BCB, or TV. AM stations are listed by frequency, locations, and call. FM stations are listed by location and call, and TV stations are listed by location. Also included is a table of broadcasters on shortwave. A very handy book, and it's available from Worldwide Publications, Inc, P.O. Box 5206, North Branch, NJ 08876. Tell em SPEEDX sent you!

WYFR Celebrates 10 Years on SW! According to Don McCants-AL, WYFR celebrated their tenth anniversary on 20 October. And in recognition of the event, WYFR is offering a special anniversary QSL card for SWL's and DX'ers who send in a reception report during the current 1983 winter broadcast season. Go get em! ds.

Ted Fleischaker of KY is looking for a Japanese tape trader--he will trade any format you want for easy listening radio unedited from Japan. For more information, write Ted at: 3023 Tremont Drive, Louisville, KY 40205. Your editor has traded with Ted, and believe me...he has some good stuff!

The Lighter Side: What do you get when a radio station and a bank team up to offer free money to motorists? You get a traffic jam and a lot of happy people.

The cars descended on a branch office of Standard Federal Savings and Loan Association before 7 a.m. At the peak, the traffic jam clogged roads for a mile away.

The drivers lined up to take advantage of the bank's promise along with radio station WCOS-FM to receive double their money.

The contest caused problems for many listeners, including Jim Hamby, whose motor died on a street just yards from the bank entrance. However, Hamby's wife Leslie, in line behind him, came to the rescue and used her car to push his small sportscar up to the drive-in window so he could exchange \$25 for \$50, the maximum amount allowed in the 98-minute giveaway.

Another car blew a tire, but Courtney Wells drove it through on the rim to get her payoff. Another motorist was not so lucky. A woman from Gaston ran out of gas yards from the bank's entrance and had to be pushed out of line by police. But Roy Watson, who fell one car short of making the giveaway, said, "I thought maybe I would have a chance. I guess it's kind of frustrating." Thanks to Associated Press for this.....ds.



I Was a DXer For Warden Slate: Part two of a short story by John Demmitt-PA. ...Now that the receivers were ready, I had to design an antenna system that could accommodate all the receivers at one time. I decided to use the security fence going around the prison complex as the antenna. I used the cable going into each cell to operate the CATV system for the feed to the shortwave antenna. After this was done, I reported to Slate for further instructions, and he showed me a copy of a memo that was to be posted that day. When I read it, I began to think his idea was getting a bit out of hand. The memo said:

Effective this date, all DXers will be confined to their cells 24 hours a day. All personal items shall be removed from each cell. A radio, blank reception reports, a log book and a pen will be given to each DXer for the purpose of monitoring the required frequency assigned by the warden. No one will be allowed to write their family as postage and envelopes will be needed for reception reports. Meals will be delivered to each cell to allow DXers to continue monitoring. The failing to fill out reception reports shall be held in the security lockup and forced to listen to Radio Tirana 24 hours a day until the DXer decides to go along with the system. By orders of your beloved prison warden Rocky Slate.

I asked the warden if he really wanted to do this and he broke down and explained his devious plot....So, what is Slate up to? Find out next month!

As mentioned last month, SPEEDX has a neat awards program, and here are a few SPEEDXers who got on the bandwagon! The following have earned the Africa List Award, and should be congratulated: Lee Kanon, Robert Ruckman, and Robert Thunberg. Once again, if you're interested, write Jack Jones at: 304 Robinhood Rd, Jackson, MS 39206, and find out more about the awards program!

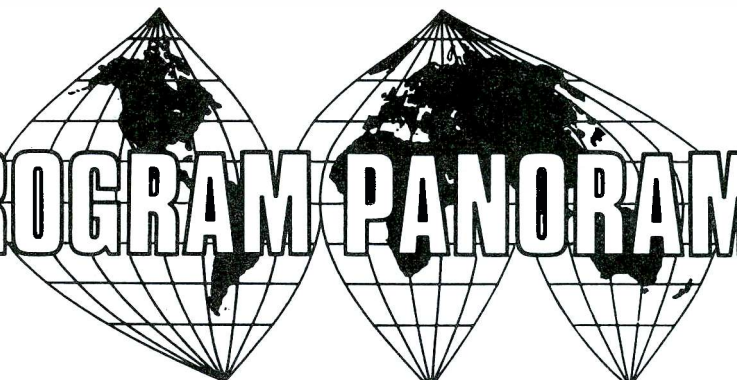
Pin the Tail on Ye Editor: Congratulations to Ted Fleischaker, who will get a couple of bumper stickers, etc! The postage stamp from last month was from Kampuchea, and could be identified by the flag in the background. Now, this month's question, and it's an easy one! Over to the side is a logo from a popular shortwave station. Anyone who can tell me the station will have their name put in a bin....and the one drawn by random will win a copy of the Antennas for CB, TV, Shortwave book by Radio Shack. Deadline is the 12th of the month, except for overseas readers, who will have a three day grace period.....



IMPORTANT NOTICE

Although the BOD has been notified of this, the general membership as of yet has not, so here goes. Your publisher is in the process of moving from Wisconsin to Illinois where he is about ready to take on a new job. Due to the utter confusion around here, the publication activities are taking a back seat to other duties. Therefore, SPEEDX is looking for a person or group of people to take over publishing of the magazine ASAP! Even after we get settled in down in Chicago, due to greater job demands, I doubt that I will be able to keep up publishing of the magazine. If you are interested, please contact me at P.O. Box 861 Menomonee Falls, WI 53051 or Don Johnson at club HQ's. Naturally we will do our best in the meantime, however if your bulletin is late, you now know why. Thanks for your understanding, and thanks to David for letting me steal some of his space for this announcement. John Trautschold
CRACKER COUNTRY: The news may be read on the BBC, **HAPPY THANKSGIVING-** but it's **RED** on Radio Moscow. Thanks to Ralph Famularo, owner of the only pen in Jersey City, NJ, for this.....

73s David



PROGRAM PANORAMA

11/83

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

OPENING ANNOUNCEMENTS...Welcome to November! Let me begin this month by renewing my request for more contributions of the program comment variety. This month several of such comments are included in the column, but they are taken from another publication. It would be nice to include program comments from SPEEDXers in the column next month!...It has been a couple of years since we last spotlighted the schedule of English programming over Radio Prague and All India Radio. Any info on these two stations from the membership would be appreciated. (WS)

ALBANIA...(Tom McKeon, IN in Review of International Broadcasting #80): "For music, I would suggest very strongly Radio Tirana in Albanian at 0200-0300 on 9790 kHz. It is almost all music from 0235. Signal is very strong and clear. Music is about the best on the air...really beautiful--nothing else like their folk music. They also play Albanian classical compositions and I have even heard an Albanian opera on there. There is very little talk--only ID of station and song."

AUSTRALIA...Two major changes at Radio Australia have been reported recently. The popular DX program SPECTRUM has been cancelled as of early October. No reasons have been given for the surprise move. Ironically, the program had recently worked its way to a weekly status--due we assume to listener popularity. The second change is the dropping of the non-Pacific/Asian English Services from the November transmission period. This change would include the North American special frequencies. Western Hemisphere listeners can probably still receive the station, but the symbolic nature of the change is disturbing. Letters to the RA Director Peter Barnett are needed to show listener reaction to both moves.

BELGIUM...(via Kevin Kelly, Edwin Southwell, Paul Royce in RIB #81): BRT English programs: Sun MUSIC BOX, RADIO WORLD; Mon FOCUS, SPORTS REPORT, FLEMISH HERBAL/REGIONAL COOKING; Tue FOCUS, QUESTIONS & ANSWERS, P.O. BOX 26; Wed FOCUS, CULTURAL REPORT, RADIO WORLD; Thu FOCUS, A WAY THROUGH FLANDERS, QSL CARDS/STAMPS; Fri FOCUS, PARLIAMENTARY CHRONICLE, Q&A; Sat CULTURAL REPORT, PEOPLE IN SPORTS, P.O. BOX 26. (I would assume that the days are for local time. BRT is scheduled 2200-2245 UTC on 11975, 5895 and 0030-0115 UTC on 11620, 9880 kHz to the Americas.)

ECUADOR...HCJB broadcasts CHAPEL OF THE AIR at 0035-0050 UTC on Mon (Sun night local time). This is a correction from last month's report. Frequencies are 15155 and 9745 kHz. (Don McGants, AL)

GABON...(Malcolm Kaufman, MA in RIB #81): "Africa No. 1 on 11940 is booming in late East Coast afternoons to 2300 sign off. Very listenable mix of French pop music, some American standards and indigenous African music...soft-spoken DJ with low-key remarks between selections. Delightful!" (Another example of a good program comment-WS)

HAVE A HAPPY THANKSGIVING! *Woody Seymour, Jr. 11/19/83*

LIBYA...Here's the English schedule for SPLAJBC/Radio Jamahiriya 2230-2400 UTC on 11816 kHz: Daily opens with ID, NATIONAL ANTHEM, VERSES FROM KORAN, SCHEDULE & STATION IDENT. Then you can hear the following programs to NEWS @ 2330: Mon AFRICA FOR THE AFRICAN, PERSPECTIVE, FROM THE NEWSPAPERS, HAPPY MUSIC; Tue THE SONG OF THE GREEN DESERT, THE GEMAHIR CANTICLE, HAPPY MUSIC; Wed THE CALL OF THE DESERT, DIARY NOTES FROM TRIPOLI, HAPPY MUSIC; Thu AMERICA & THE NUCLEAR MUSHROOM, HISTORY OF THE ARABS, HAPPY MUSIC; Fri IMAGES FOR A REVOLUTION, TOPICS, WITH THE LEADER--MUMAMMAR GADDAFI, WEEKEND HARMONY; Sat TEN HISTORIC YEARS, THE MARCH OF RESISTANCE, WEEKEND HARMONY; Sun A GOLDEN DECADE, CONTINENT TO CONTINENT, WEEKEND HARMONY. After the NEWS at 2330, you can hear the following programs in the 2340-2355 UTC bloc: Mon REVOLUTIONARY THOUGHT Tue ANALYSIS Wed THE MADRID GREEN BOOK SYMPOSIUM Thu LIBYA AND THE INTERNATIONAL PRESS Fri THE LIBYAN STRUGGLE Sat THE STRUGGLE FOR FREEDOM IN THE AFRICAN CONTINENT Sun A PEOPLE'S PROSPECT FOR PEACE & EQUALITY. At 2355 UTC daily, you can hear STATION ID, SCHEDULE FOR FOLLOWING DAY, NATIONAL ANTHEM, CLOSEDOWN. (Thanks to Richard D'Angelo, PA; Robert Fraser, MA; Chris Stark, NB)

NEW ZEALAND...(via Paul Royce, WI in RIB #81): "All RNZ SW transmissions are a relay of the domestic service. News on the hour daily 1700-0500 except 2100; additional news bulletins at 0730, 0900, 1100. At 0600-0630 Mon-Fri news in Maori, Samoan, Cook Island Maori, Niuean, Tokelauan, Tongan...Vernacular magazine programs can also be heard... Sports at national and international level can be heard at 0130 UTC Sat & Sun. Other sporting events and results in the Morning & Midday Reports at approximately 1835 & 1215 and at 0945 daily. Commentary on national and international sporting events can be heard throughout the summer sporting season."

UNITED KINGDOM...BBC World Service has some good programs lined up for November. This information is provided monthly by BBC London Calling, a listener magazine. Subscriptions are available for 8 pounds per year. Write to LC at P.O. Box 76, London WC2B 4PH, England for information.....COAST TO COAST is a series in which Joseph Hone travels across Africa. Tune in Mon 0315, 1630, Wed 1115, 2315 UTC.... HOT AIR is a series that looks at the sort of item not normally covered in depth on the World Service News Bulletins--deflating the pompous, ridiculous and the absurd. Tune in Mon 1615, 2315, Tue 0730 UTC..... INDIA: A CACOPHONY OF CULTURES is a series of 5 programs in which John Keay, in conversations with specialists in different fields, explores aspects of Indian society which contribute to its rich and varied culture. Listen Sat 2030, Mon 0100, 1345 UTC.....ALEXIS KORNER'S RHYTHM 'N' BLUES is a new series in which this well-known radio host returns to the World Service after a five-year absence. The series will run for 18 weeks and will feature the best of international R & B. You can hear Alexis Mon 0530, Tue 0945, 2030 UTC beginning November 28..... PICKING UP BLUEGRASS is a series devoted to this distinctive variety of folk music, whose origins lie in the mountains of the southern United States. You can "pick" the following times to listen--Mon 0530, Tue 0945, 2030. Note that this series is replaced by the new Alexis Korner series on 11/28. (London Calling, November 1983)

USSR...Radio Tashkent broadcasts in English at 1200 and 1400 UTC daily on 75460, 11785, 9715, 9650, 5950 kHz. Programs include MUSLIMS OF THE SOVIET EAST, Mon 1200, Fri 1400; YOUTH PROGRAM, Tue 1200; ON THE ASIAN CONTINENT, Tue 1400; LIFE IN THE VILLAGE, Wed 1200; MUSICAL PROGRAM, Thu 1200, Sun 1400; MAILBAG, Sat 1200; DX CLUB, 2nd Sun 1200, repeated next Sat 1400; PHILATELY PAGE, 3rd Sun 1200; SALOM ALETUM LISTENERS CLUB MUSICAL PROGRAM, last Sun 1200, repeated next Sat 1400; SPORTS PAGE, last Sat 1400 UTC. (Barry Brenesal, FL; Thomas McKeon, IN; Jerry Blake, IN; John Demmitt, PA; Kraig Krist, VA).....Radio Moscow broadcasts MIDWEEK at various times UTC Wed on the North American Service. "(It is probably the best program in terms of being (largely) free of the usual propaganda. It is a very relaxed program hosted by Vladimir Pozner and a woman, going into some of the more humanistic experiences of life in the Soviet Union. Have heard criticisms of Moscow transit system, the play by play of a traditional Russian wedding, recipes, etc. Even RM can be amusing at times (Bowden, CIDX, RIB)



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

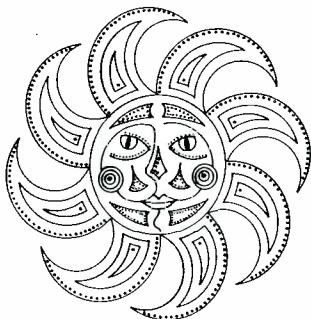
GALAXY ELECTRONICS, run by **SPEEDXer** Bob Leary, 67 Eber Ave., Akron, Ohio, 44309 (216-376-2402), sends a very nice catalog of scanners, CB rigs, SW/DX receivers and various listening guides. Some prices are: ICOM R-70=\$644.50, YAESU FRG-7700=\$429.50, Kenwood R-600=\$344.50, R-1000=\$409.50, R-2000=\$499.50. All prices include UPS anywhere in the continental US. Galaxy also has the popular items in the Panasonic and Sony line as well. The new SONY ICF-2002 will be available in November at \$229.50. Bob requests \$1 for the catalog which is refunded on your first order. The Bearcat DX-1000 will be available around the 1st of December. Tell them you saw it in **SPEEDX!!**

RTTY/SINCLAIR ZX-81/TS-1000..The software is complete for the TS-1000 series computers. Price unknown at this very moment, but it should be available by the time you read this. A super machine code program by Cliff, NU4V!!! This is intended for the amateur radio operator and will transmit as well as receiver Baudot RTTY at 45.5, 50, 57 and 74 baud, ASCII at: 110 and 300 baud. Requires a simple 3 chip interface and a 16K RAM pack, as well as your choice of Terminal unit. (The MFJ interface should work OK). Has an 8000 character receive buffer and a 1700 character "type-ahead" buffer as supplied. Can be very easily changed to a 9700 character receive buffer if desired. Once the receive buffer is full, it warns you and you can order it to type over the start of the information in the buffer or keep going, the data after the "buffer full" warning being lost after it scrolls off the screen. The entire contents of the buffer can be fed to a Timex 2040 printer a screen at a time. The buffer can be scrolled thru at two speeds and any part selectively sent to the printer for permanent "hard copy". The entire program is much too lengthy to describe here in detail and has lots of bells and whistles for the ham operator. For more information write to: METCO, 313 Vaughn St., Ft. Walton Beach, FL. 32548. Tell Cliff you saw it in **SPEEDX!!!**

BBS (Bulletin Board Service) has been started by Universal Amateur Radio, Inc., 1280 Aida Dr., Reynoldsburg, OH. 43068. This is a computer based over the phone line service requiring a MODEM and a computer to access. The service is FREE and includes several services: News & notes, Universal sale items, Universal used items, SWL DX tips, HAM DX tips, User list, Messages to Universal, Electronic mail to/from users of system. The system is called: "UBIX". Please write to **SPEEDXer** Fred Osterman at Universal and request the Guide to UBIX for complete details, services and telephone number of the BBS. Please send a SASE for a faster response. The format is a 32 character by 16 line video format. This will allow users with Sinclair and most "short line" computers to avoid "wraparound" effects. Many thanks to Fred and Universal for this information. Remember, you need a MODEM connected to your computer to take advantage of this service.

COMMENT: Sorry I have been somewhat neglectful of answering my mail here lately. I recently spent a week in the hospital having a kidney stone removed after undergoing tests. One of those unavoidable things. I am out now and back to work, and feeling much better. Many other things have been happening as well, on the job. Very busy here and trying to keep up with an SWL receiver repair business too. Leaves not too much time after devoting some effort to those things around the house that makes the wife happy!! Many, many thanks to Japanese **SPEEDXer**: Koji Yamada who has graciously sent me lots of nice information on the SONY/Panasonic lines!! (I'm learning to read a little Japanese! A bit difficult at first, but I understand some at least.) Many thanks to all who have written and see you all next month. Enjoy the turkey!!! 73..

Sandy



SPEEDX Western Hemisphere

EDITOR: JOHN CERREGHIN WIK3IAO
6812 Pickett Drive
Morningside, Maryland 20746

Deadline: 12th

All times and dates UTC. All fqs in kHz

NOVEMBER

1983

Well, hello once again! The IK season is now upon us, so that means we have lotsa news. We begin this month with a report from our man in Mexico, Carl Huffaker:

"XEUJ is a new one...I've already received a QSL and a long letter from the Director (who seems to be also the designer, builder, and owner). They operate on 5900 watts on 5900 with a bidirectional antenna (which, I assume, is pointed toward Monterrey and, hence, the US). They've already printed QSLs, and so should be a good verifier. ..I wrote in EE, and although they replied in SS, they said they had no problems with EE. Their address is: XEUJ Radio, Apartado Postal No. 62, Linares, Nuevo Leon, Mexico, C.P. 67700. The "C.P." stands for postal code, which is beginning to come into general use here in Mexico and seems to be an important formality in the smaller towns." Thanky, Carl!

Now, some news from WBI...

BOLIVIA, here is a current list of stations, according to the 'Sintonia IK' bulletin of Cochabamba (Bolivia)

R. La Plata	9715	R. la Cruz del Sur	4875
R. Pedro Domingo		R. Grigota	4831
Murillo	6675	R. Nac. de Bolivia	4817
R. Stentor	6195	R. Santa Ana	4803
R. Indoesmerica	6175	R. Nueva America	4797
R. Fides	6155	R. Ballivian	4785
R. Panamericana	6105	R. Tropical	4775
R. 21 de Diciembre	6080	R. Bolivia	4755
R. Illimani	6025	R. Memore	4740
R. Progreso	6005	R. Abaroa	4720
R. Nac. Cochabamba	5975	R. Riberalta	4697
R. Nac. Charuni	5965	R. Movima	4740
R. Pio Doce	5953	R. Reyes	4420
R. San Jose	5582	R. Libertad	3885
R. Iquillo	5076	R. Padilla	3478
R. Cuarto Centenario	5030	R. Camargo	3390
R. Animas	4991	R. Florida	3370
R. Batallon Topater	4980	R. 27 de Diciembre	3350
R. Juan XXIII	4965	R. San Miguel	3310
R. Illimani	4945	R. Chaco	3280
R. Norte	4925		

DOMINICAN REPUBLIC, Radio Clarin External Service Sked

1600-0200	"Voz del CID" transmission in SS	11700
0200-0300	"Radio Earth" transmission	11700
0300-0359	R. Clarin	11700
0358-0508	R. Clarin	11700, 4850, 1055, 860

GLANDESTINE/EL SALVADOR, ...A new station, R. Soberania Nacional, would begin broadcasting from 0000-0200, 1200-1400 and at 1800 on 7075 and 6960 kHz.

BRAZIL, Radiobras is relaying VOA spanish broadcasts from 0100-0300 via two 250kw transmitters, on 17870 and 15390.

Well, no room to begin Argentina...see you on the next page!

ARGENTINA

- 6060 0000 RAE, EE, multilingual IDs, info for the days' program, wx, mx (11710 in // (444))(333 9/28 Pimblett ALB)
 6120 1006 R. El Mundo (p), ID as R. Nacional, LRA. //6060. Presume El Mundo carrying R. Nacional px (343 10/2 Jones MS)
 11710 0230 RAE, EE, mx, ID, QSL card info (444 9/30 Karns OK); 0002 (454 9/27 Bingham MA); 0100 (222 9/27 McDowell IL)(444 9/21 Soume MA)(Stanley AZ)
 15345 0434 RAE, EE, OM mx, sx. //11710, 6060 (322 9/11 Berri CA)(Schachat NH)+1

BOLIVIA

- 4845 0157 R. Fides, px of classical mx, ID @0200 as "Esta es R. Fides, La Paz, Bolivia". Chimes, then into mx (fr 9/21 Parks FL)(first time reported in a while jc)
 6082! *0952 R. 21 de Diciembre (11) piano mx, short pause and more mx. YL ID at 1003; another by OM at 1004, into px of campo mx (342 9/16 Jones MS) then Jack sent another report, def. Bolivian mx. Snatches of SS hrd. One time check hrd, did not get hour. Some campo type mx and singing (yippling). Almost that I would get him for sure; no such luck. Gone at 1030 check (242 9/15 Jones MS)(nice snag! jc)
 6105t 1034 R. Panamericana, mx, "Orange Crush" ad at 1035. Many ments of Bolivia, but no positive ID (222 9/17 Dillaman OH)

BRAZIL

- 3315 0002 R. Assunaco, EZL/pop mx, ID, commercials (222 9/16 Brenesal FL)
 3375 0923 R. Nac Sao Gabriel, mx/tlk w/many IDs. Ads for Catepillar and RNac Amazonia (452 9/17 Mahoney FL)
 4765 0400 R. Nac Cruz do Sul, OM tlk, no Cuban relay tonight (were you disappointed? jc). Braz mx w/IDs and ads (322-333 9/30 Worob TX) Mahoney FL)
 4785 0850 R. Caiari, Braz mx, ranch mx. Many IDs and ads for Porto Velho (333 10/4
 4795 0225 R. Tabajara, Braz pops w/OM DJ, ID @0229, promo, TC. QSB or s/off suddenly @0234*. Call -PRI4 (fr 9/21 Parks FL)
 4809t 2318 R. Sociedade Bahia, OM w/soccer post-game show, sx report. Caught partial ID w/QTH given as "Salvador, Bahia". This sta on 4812 about a year ago? Maybe special best as unheard next nite (fr 9/25 Parks FL)
 4815 0017 R. Nac de Tabatinga, LAM noticias and local weather by OM in SS. Abrupt 0032* in mid-sentence, prbly smitter trouble (fr 9/9 Parks FL)
 4835 0202 R. Nac de Boa Vista, OM w/ment of "Radio Nacional", mx, Braz instr. (very nice marimba melodies)(433 9/23 Berri CA)
 4905 0840 R. Araguaia, many ads, sambas, cockcrows (252 9/20 Mahoney FL)
 4915 2312 R. Anhanguera, Port. ballads, Pos ID @2313 as "R. Anhanguera"(333 9/24 Dillaman OH)
 4945 0935 R. Nac do Porto Velho, ID "Aqui RN Pto. V.—uma emissora Radiobras" w/px "Bom Dia Rondonia" (bad mix w/Colombia and Poco de Caldas)(322 9/20 Mahoney FL)
 4955 2259 R. Mara Joara, ID, mx, TPs, UTE QRM (211 9/9 Schachat NH)
 4965t 2310 R. Poti, echo ID (t) by YL, tx, short mx interludes, UTE QRM (211 9/9 Schachat NH)
 4985 0026 R. Brasil Central, OM tx, many ments of Brazil and Goiania (444 9/26
 6035 0020 R. Globo, rapid-fire OM w/soccer game. ID/chimes in passing (who passed them, hi! jc) T-storm QRM (333v 9/13 Famularo NJ)
 6010 0855 R. Aparecida, s/on followed by ID, plus several amnts. Very clear copy (9/26 Barto CT)
 11780 2335 R. Nac de Amazonia, OM, ID, mx, tx, laughing (444 9/22 Hotaling NV)
 11865 0245 R. Clube de Pernambuco, sx px w/multiple announcers (perhaps highlights px?) No ID, flutery QSB (242 9/22 Famularo NJ)
 15290 0158 Radiobras, EE, YL w/county; Brazil's independence from Portugal (444 9/11 Cox CA); 0200 EE (544 10/9 Fleming FL)(Stanley AZ)(Addison KS)+1
 15415 0157 R. Clube Riberao, 'R. Clube' ID, followed by tune "Puttin' On The Ritz" (343 9/5 Moman ALB) (434 9/20 Gilster NC)
 15445 0036 R. Nac. da Amazonia, nice mx, some guitar mx, interspersed w/mx, ads, IDs

COLOMBIA

- 4785 0657 R. Ecos del Combeima, IDs, TC, mx, IDs (543 9/5 Van Horn TX)+6
 4845 0340 R. Bucaramanga, mx following full ID at 0340 (343 9/27 Huffaker MEX): 0815 (343 10/1 Hull WA)(Harvey QUE)(Shepherd BC)(Talbot WI)+2
 4865 0102 IV del Cinaruco, Latin tunes, ID, ads (343 9/16 D'Angelo PA)(Prath FL)+2
 4875 0143 R. Super, lots of ads, LAM brass mx, echo ID, QRM (242 9/11 Gilster NC) (343 9/16 D'Angelo PA)
 4885 1002 Ondas del Meta, IDs, TC, OM tx, too muddy to make out, into mx, ads at 1030, QRM (322 9/8 Gilster NC)
 4905 2245 Emis. Atlantico, tx by OM, quick ID (211 9/9 Schachat NH)
 more Colombia on the next page!

COLOMBIA continued

- 4945 0415 R. Colosal, OM, Latin pops, tx (333 9/26 Hull WA): CARACOL IDs (342 9/23 Stanley AZ)
- 5040 0253 R. Cinco, Colombian mx, full ID at 0258 with several IDs during the next 3 minutes (in the clear w/no Venezuelan on freq)(343 9/8 Huffaker MEX)(444 10/4 Prath FL)
- 5051 2345 LV de Yopal, nice LAM mx, OM ments of Bogota. Clear ID as "Esta es LV de Yopal" (443 10/4 Prath FL)(333 9/28 Mahoney FL)(fr 9/29 Parks FL)
- 5095 0155 R. Sutatenza, ID @0200, OM/YL amcrs, classical flute mx, interview, CW QRM (433 10/3 Stanley AZ)
- 5975 0940 R. Macarena, usual brand of LAM mx. "Macarena" and "Esta es Macarena" IDs. Fair sig (10/3 Cereghin MD)(222 9/15 Hotaling NV)
- 6085 *1005 Ondas del Darien, NA, ID, calls, freqs: Buenos Dias, campo mx (343 9/16 Jones MS)
- 6115 1119 LV del Llano, fast-talking OM. ID at 1125 (333 9/2 Jones TX):0302 (343 9/20 D'Angelo PA)
- 6125 0455 R. Super, OM ID, mx. Listen on 6120 in WRTH (433 9/25 Harvey QUE)

ECUADOR

- 3260 1116 LV del Rio Carizal, Indian mx, men singing with drums. Brief intros. 1150- musical tones. Latin mx, w/guitars (322 9/16 Brenesal FL)
- 3281 1012 LV del Napo, Ylang, SS ID and TC @1015, sermon and personal messages in Indian lang (353 9/17 Mahoney FL):tent on 3280 in SS (fr/pr 10/1 Pamularo NJ)
- 3285! 0514 LV de Rio Tarqui, Andean mx, TC (OM) between selections, ID at 0532 (weak sig, fading up by 0530)(242 9/7 Huffaker MEX)(of course, the best time to try for this one is when Belize signs off, around 0500 or so jc)
- 3315 0350 R. Rio Pastaza?, tent, as I could only copy part of the ID. Slow mx, long s/off routine at 0358 and 3 minutes of NA, 0405* (242 9/10 Huffaker MEX):3316 at 0100 (fr 9/19 Parks FL)
- 3375t 0928 R. Melodia, lively LAM mx, other Ecuadorian signals in nicely. Local power failure (batteries died)so missed any ID, back at 0949, mx (fr 9/6 Moman ALB)(nice, anyway! jc)
- 3381t 1008 R. Iris, nice sig, TC, and ment of Esmeraldas. ALSO noted with late s/on 9/5 by ls. OC past 1000, audio noted at 1041 recheck (433 9/6 Moman ALB): 0353 (242 9/20 Beilke MO)
- 3395 0425 R. Zaracay, LA mx- record skipped- ID, tx. QRM de UTE (222 9/22 Heller WA)(232 9/17 Beilke MO)
- 4657 0428 Rdiff. del Ecuador, full ID given twice, into NA to 0430* (343 9/23 Pimblett ALB)(433 9/17 Berri CA)
- 4870 0313 R. Rio Amazonas, faded up and down between 232 and 544, slow LAM standards into rel tx at 0332. "Amaorda Dios" (mx theme) at 0337 and 3/2 min NA, 0343* (333 9/10 Huffaker MEX)
- 4890 0215 R. Centinela del Sur, numerous ments of Ecuador by two fast, fast-talking OMs. Clear ID as "R. Centinela del Sur" @0221 (232 9/16 D'Angelo PA)
- 4910 0727 Emis. Gran Colombia, LAM vocals, OM amcr, TC, followed by ads, more vocals. No ID hrd (232 9/17 Thompson CA)
- 4920 0028 R. Quito, 2 ads, harp and ID, TC, more ads (332 9/17 Ulmer IA)+5
- 4977 1051 Rdiff. Tarqui, Pasillo mx. OM amnt, NA. Opening amnt then usual mx mx (322 9/16 Tanaka JAPAN)
- 5049 1015 R. Jesus del Gran Poder, benediction, song "Buenos Dias, El Ecuador", for novena to St. Francis of Assisi (444 9/30 Mahoney FL)(Moman ALB)
- 5060t 0451 R. Nac. Progreso, LAM mx, OM, 0458* (333 9/4 Robertson WA): 5062 (343 9/2 Huffaker MEX): 5065 (pr 9/23 Parks FL)
- 6095 0630 HGJB, EE, DXPL (433 9/13 Krist VA)
- 9655 0820 HGJB, EE, "Guidelines", "Happiness Is" (9/19 Smallwood WEST BERLIN)+1
- 9745 0250 HGJB, EE, DXPL (323 9/25 Talbot WI):0030 EE (555 9/8 Klasek MO)+3
- 11960 0045 HGJB, SS, ID, speeches (333 9/15 Sable NY)
- 15115 1222 HGJB, EE, "Happiness Is" (454 9/20 Bingham MA)
- 15155 0126 HGJB, EE, "Passport" (454 9/21 Gilster NC);0046 (353 9/12 Hesch CA)+2
- 15295 2130 HGJB, EE, DXPL (333 9/17 Krist VA)
- 17825 1936 HGJB, EE, "Passport" (444 9/13 Bingham MA)
- 17890 1430 HGJB, EE, "Mountain Meditation", slow fading (443 9/25 Stanley AZ)
- 26020 2135 HGJB, EE, "Variations on the Theme" @2145, into JJ @2200 (222 9/18 Dillaman OH): //15115 (332 10/5 Prath FL)(353 9/24 Scomre MA)

FALKLAND ISLANDS

- 3958 0858 FIBS, EE, can be heard as 0858 w/march mx during s/on till 0900. Then ID, time pips and mx till 0614, followed by wx forecast and pop mx. (cont)

FALKLAND ISLANDS continued

3958 Has been heard as late as 1045. Sometimes ARO QRM. Beijing can be noted on 3960 usually in JJ (??Date ??SIO Barto CT): "Breakfast Show", no BBC mx (232 9/5 Moman ALB)

FRENCH GUIANA

6170 0930 TDE, FF, upbeat AM-"drive time" px w/moody FF pops (fr 10/3 Cereghin MD)

GALAPAGOS ISLANDS

4810 0113 LV de Galapagos, very weak, but def ID @0114 (242 9/7 Huffaker MEX)

PARAGUAY

9735 1035 R. Nacional, LAM mx, OM ID at 1042 as "R. Nacional del Paraguay". Het after 1045, very heavy (322 9/25 Lipman NY)

PERU

- 4755 0407* R. Huanta, huaynos, req mx. ID "Huanta de Junin", very nice selection of folklorico mx. No "R.H. 2000" ID hrd, to NA (gd 9/25 Sheedy CA)
- 4762 0504 R. Inca de Peru, huaynos, IDs in amts (343 9/2 Huffaker MEX):4763t, (232 9/20 Pimblett ALB)
- 4775 0456 R. Tarma, lite mx, ID incl freqs at 0459. Another ID at 0500, then off. No NA (232 9/20 Pimblett ALB)
- 4790 0455 R. Atlantida, ID, OM, mx (222 9/11 Heller WA): 1031 ID "...de Esperanza" mx, then "Aqui transmite R. Atlantida...en Amazonas por su alcance de ..Atlantida..."(222-322 9/24 Tanaka JAPAN)(433 9/11 Berri CA)
- 4810 0957 R. San Martin, group vocals, instrumentals, some flute selections. ID at 0959. Good copy (9/25 Barto CT)
- 4885 1057 R. Huncavelica, vern, folklore mx and OM tx mx. 1132 OM ID "OAX5? 15?kce (... onda media...kc onda corta...transmite R. Huncavelica..."(332-322 Tanaka JAPAN)
- 4935 0047 R. Tropical, LAM pops, IDs btwn selections, "Happy Birthday" at 0500 (242 9/2 Huffaker MEX):0325 (322 9/25 Berri CA)
- 4996 0910 R. Andina, several amts, possible ID, lots of yipping over mx (fr 9/6 Moman ALB)(333 9/20 Pimblett ALB):4995 (343 9/10 Huffaker MEX)
- 5035 1015 R. Imagen, flute mx, instrumentals, amts, ments of Tarapoto. Nice at start but faded by 1030. R. Los Andes on 5030 was booming in! (9/26 Barto CT)
- 5060 0329 R. Amazonas, "Musica Rustica" w/promo, ID w/freq at 0330. TC w/tag of "en Iquitos". Some excellent flute tunes. Still fairly good at 0405 recheck (gd 9/18 Sheedy CA)
- 5190 0915 R. Nuevo Continente, OM annor. Tx, slow OA instr. and vocals. ID @0930 "Del espectáculo emisionos ????? nuevo arocobo R. Nuevo Continente. Desde Cajamarca. America del Sur en la banda internacional de sesenta metros cinco mil doscientos khz. (Maybe cinco mil ochentas) Ya mamba mamba mil cuarento ?? khz. Es la primarito R. Nuevo Continente. Perultima corta ponce! Taped freq not the same as live freq. Announcement 5190 given during mx, At 0920. 1000 ID "R. Continente presento la tierra ??????" Then gal w/tx and mx (232 9/8 Huff MEX)(Fantastico report OM! jc) :5190.6, also IDed as "R. Antena Popular" (moby slogan? jc) *1030. Another new station in Cajamarca (I forget, which were the other ones? jc) (pr/fr 9/2 Parks FL)
- 5360 1040 R. Vision, ranchera mx! ID/TC at 1045 followed by more LAM mx with Cuban tempo (453 9/16 Jones MS):2330 (9/24 Barto CT)
- 6010 1101 R. America, pushing up thru fast-fading R. Los Andes w/ID and noticias. Probably 1100 s/on (332 9/15 Jones MS)
- 6021 1051 R. Victoria, Beethoven theme mx, NA, ID by OM, theme mx again. Just able to get ID thru USSR bells on 6020 (342 9/15 Jones MS)
- 6096 0257 R. Nac de Peru, OM ID, NA, TPs, "R. Nacional" ID at 0300, OM tx, "R. Nacional de Peru" ID at 0303 (444 9/18 Berri CA)
- 6189 1028 R. Oriente, NA, s/on, followed by several IDs, short instr. pieces. Very nice level (9/26 Barto CT)
- 6200 1033 LV de Huamanga, Peruvian campo mx (flutes, yipping). Most Oriental sounding! Many TCs, did not get ID. This on 10/4. *1030 on 10/5. No NA @s/on. Good sig, but intense line noise @1029 prevented positive ID (352 10/5 Jones MS)(My, my Jack, you're on a roll this month! jc)
- 6725 0240 R. Satelite, several vocals and IDs. 9/9 station can be heard fairly regularly (9/9 Barto CT)(343 9/8 Jones MS)

VENEZUELA

- 3225 0220 R. Occidente, LAM mx, OM ID, TCs, freqs and address, ads (353 9/10 D'Angelo PA)
- 3275 0124 R. Mara, Full ID by OM thru tough QRM, fading, into LAM vocals (222 9/25 Gilster NC):0315 (332 10/1 Stanley AZ)
- 3395 1001 R. Universidad, choral anthem (not NA), ID, calls, freqs, greetings to listeners. Assume 1000 s/on (443 9/22 Jones MS)

Before I continue, I'd better clear something up. Dan Sheedy, one of my loyal reporters, gave me a frantic call the other night, correcting a statement which he sent in and I printed last month. Dan says that the Tropical Band Survey, put out by the DSMCI does not include addresses, only station info. I printed that the TBS did include addresses. Sorry 'bout that! Now, lets continue with Venezuela.

- 4780 0210 LV de Carabobo, mellow LAM vocals. OM IDs (333 10/2 Prath FL)+2
 4800 0038 R. Lara, dreadful US country mx (hey, hey! I hope that you just didn't like the songs they played!!! jc) OM ID, TCs (333 9/16 Gilster NC)
 4830 0333 R. Tachira, OM DJ w/LAM mx and vocals. ID @0335 (432 10/1 Stanley AZ)+2
 4840 0356 R. Valera, OM ID and choral NA (same as Tachira on 4830) and s/off at 0402 almost exactly w/4830 (not in // though)(444 9/25 Berri GA)+1
 4900 0330 R. Juventud, exc. px of jazz-fusion mx (whazzat? jc) OM ID (444 9/12 Pamularo NJ)(544 9/18 Berri GA)
 4970 0343 R. Rumbos, mx, ments of Reagan, stories seperated by doorbell chime. Ments. of Caracas, TCs (444 9/18 Fleischaker KY)(322 9/18 Gilster NC)+2
 4980 0117 Bnos del Torbes, end of mx, into LAM rock song, then nice guitar mx (333 9/18 Gilster NC): 0124, LV del CID boast (343 9/9 D'Angelo PA)
 4990 0100 R. Parquinieto, LAM vocals to 0113. OM amts and ID @0113. Guitar mx. Strong QRN and moderate fades (322 9/23 Haven NY)(444 9/17 Ulmer LA)+3
 6010 1035 R. Los Andes, OM w/"R. Los Andes- Mil Cuarenta" ID. Usual IV mx (342 9/15 Jones MS)
 9540 0107 R. Nacional, chimes, OM ID as "R. Nacional de Venezuela" incl freq. OM tx until 0114 ID, followed by mx. Also hrd 9/30 with NA at 0157* (343 9/25 D'Angelo PA)

MYSTERY STATIONS OF THE MONTH

- 3230 0230 UNID, SS, several vocals till 0300. No ID noted. Heavy UTE QRM (9/24 Barto CT)
 5955 1005 UNID, SS, OM w/px "Buenos Dias Colombia" and mention of CARACOL. Banco commercial but no IDs (333 9/6 Moman ALB)(LV de Centauros? jc)
 6510 0250 UNID, SS, deep fading, vocals, seemingly an ID followed by NA and s/off (9/9 Barto CT)
 6521 0100 UNID, SS, several amts and 2 vocal selections. Very weak w/short fades (9/26 Barto CT)

NORTH AND CENTRAL AMERICA

ALASKA

- 6170 *1200 KNLS, CC/EE, ID, opening theme mx "Chariots of Fire", classical mx. EE lang lesson (Roerisises 5-12)(444 9/5 Kosugida JAPAN): QRM de KEGI (323 10/2 Shepherd BC)
 9620 0932 KNLS RR, weak and fluttery, but does make it to the East Coast once in a while. Clear sig, but out by 0937. OM/IL dialogus (pr 9/27 Cereghin MD)(444 9/25 Pimblett ALB)(444 9/16 Kosugida JAPAN)

ANTIGUA

- 6040 0100 DW Relay, EE, "Focus on Bonn", "Study German by Radio"(444 9/17 Stanley AZ)
 6085 0100 DW Relay, EE, "Microphone on Europe", "Germany Today" (444 9/22 Stanley AZ)
 6175 0625 BBC Relay, EE, "Dateline", "Baker's Half-Dozen" at 0630 (555 9/12 Thompson CA): 0000 (444 9/9 Langlois GA)
 9510 0648 BBC Relay, EE, "Album Time", mailbag px (544 9/17 Thompson CA)

BELIZE

- 3285 1105 R. Belize, EE, Prayer for Belize, ex rpt @1143. //834 (232 9/6 Moman ALB)+1

CANADA

- 5960 0200 BCI, EE, "SWLB" (444 9/18 Stanley AZ)(515 (how could a SIO 515 exist? jc) 9/23 Henault MA)(434 9/24 Cox CA)(555 9/23 Krist VA)(Bingham MA)
 6005 1845 CFCF Montreal, EE, Expos-Cubs baseball, ID "CFCF 60, Radio Montreal" (444 9/12 Pamularo NJ):0346 (333 9/17 Pimblett ALB)(Bingham MA)
 6070 1207 CFCF Toronto, EE, wx, CFRB ID, big band mx (422 9/10 Bingham MA)+1
 6130 0920 CHNK Halifax, EE, relig tx, choral mx (333 9/25 Lipman NY)(Bingham MA)
 6160 0800 CKZN St. Johns, EE, ID "This is CBC Radio in Newfoundland" @0841 (444 9/11 Card RI)(just remember, Newfoundland is not a separate radio country. It used to be a bonafide country until 1949. Amaze your friends and impress your enemies with this! jc)+3
 9590 2350 BBC Relay, EE, "BBOWS Top 20", wld mx, "News About Britian", "Radio Newsreel" (555 9/21 Krist VA)
 9625 1520 CBCNEWS, EE, "Sunday Morning" (353 9/18 Fraser MA)(Talbot ALB)+1
 9755 0200 BCI, EE, ID, mx, wx, mx (554 9/14 Beach CA)(Klosowski FL)+2
 Regada, I'm out of room! Lots of cool logs this month! Keep it up!

CANADA

continued

11955 1407 RCI, EE, "Sunday Morning" (454 9/11 Gilster NC)
 15250 1815 RCI, EE, tx on steel industry (323 9/5 Keeman CA)
 15325 2023 RCI, EE, mx, pop mx (343 9/2 Drave SAUDI ARABIA)
 17820 1750 RCI, EE, "Kanada Quiz" (443 9/17 Ulmer LA)(444 9/25 Klosowski FL)+3

CLANDESTINE

5106 0430 LV del CID/R. Ignacio Agramonte, SS, OM ID, and slogans. OC at 0431, followed by orch mx. IS. Hauser says this writer and 7350 are near Coban (333 9/1 Robertson WA):0444 (Lipman NY)(Pimblett ALB)
 5720 0336* UNID, SS, couldn't catch ID, but was a rather well-done px by anti-gov't Nicaraguan, anthem at s/off (high audio level)(342 9/9 Huffaker)
 6210 0407 LV de Sandino, SS, IDs, march mx, folk song w/ments of Nicaragua and Democratica (333 9/22 Harvey QUE):0103, EE! ID as Voice of Free Nicaragua and Voice of Sandino (333 9/28 Gilster NC): 6215 SS (343 9/11 D'Angelo PA)(333 9/7 Huffaker MEK) //(Harvey QUE)
 6617 0350 UNID, Yang, YL talking in possible EE, very poor, 0355* (211 9/22
 6727 0245 R. Farabundo Marti, SS, OM w/"revolucionario" tlks and military mx, ments of Farabundo Marti. Similar to 6818 but some jamming (423 9/18 Berri CA)
 6745 0020 R. Venceremos, SS, chanting vocal, OM anncr ID 0022, YL/OM alternate tx w/flute mx (333 10/4 Thompson CA):6750 0038 (222 9/28 Gilster NC) 6755 0243 (232 9/28 Jones TX)
 6765 0008 UNID, SS, OM/YL alternate tx (sounds like a pep rally!), brief mx breaks. YL may have mentioned Venceremos, but no definite ID. 0018* a abruptly (222 10/4 Thompson CA)
 6814 0355 R. Venceremos, SS, OM speech, s/off (343 9/22 Spremo NY):6818 0238 (434 9/18 Berri CA)
 6825 0038 R. Venceremos, SS, tx of FMLN w/heroic mx, full ID, battle report from San Vicente (3 deaths)(443 9/17 Ulmer LA)
 6850 *0058 R. Venceremos, SS, OM s/on, loud anthem w/YL-OM yelling over it till 0102. Very clear ID. 0102* suddenly. No further xman. Attempt to join R. Free Suriname? (See next log jc)(332 9/24 Thompson CA)
 6850 *0100 R. Free Suriname, DJ/Sranan Tongo, drum IS, s/on, YL ID, OM tx, DD ID, OM tx, mentions "Netherlands Passport", "Netherlands", "Nacional". 0130*. ARO QRM (on this freq? More likely UTEs jc). According to MediaNetwork, this is on the air daily 0100-0115 (obviously changed) in DJ/SF weekdays and Hindustani/JJ weekends. They're running 15-20 kw from "somewhere in Carib." (They deny using R. Clarin xmtrs)(I don't they are jc) working on 50kw xmtr, program produced in Holland (I think they are anti-govt in Suriname. There is a leftist/pro-Castro regime in Suriname, which makes it a prime target for this brand of station. Great report, Peggy! jc)(322 10/4 Thompson CA); 0110, 0132* (gd 9/30 Parks FL)
 7000 1135 R. 15 de Sept., SS, ID @1136 by YL, tx. Weak by 1158 (243 9/10 Jones TX):(432 9/9 Moore TX)
 7030 0210 R. Farabundo Marti, SS, jump to 7020 @0212, IDs (232 9/2 Jones TX)
 7350 0045 LV de CID, SS, OM, door chimes, Cuban mx (544 9/20 Stone ONT):7352 0145 (433 9/1 Montainy NY)
 7353 0030 R. Antonio Guiteras, SS, frequent IS+ID by OM. CID IDs. "Programma Musical" at 0033 (333 9/10 Lipman NY)
 7400 0515 LV de CID, SS, US pop mx. OM ID "LV de CID, Cuba Independente presente El Mundo del hoy". Poor mod (333 10/2 Fisher MA):0336 (333 9/22 Harvey QUE)(332 9/11 D'Angelo PA)
 11859 1821 LV de CID, SS, mx px 1836* (444 10/1 Ulmer LA)

COSTA RICA

4832 0735 R. Reloj, ID, TC, mx (444 9/5 Van Horn TX)(433 9/10 Brewer AR)+4
 5055 1056 TIFC, short px of mx and religion. Address given as San Jose. 1058 ID as Faro del Caribe (433 9/25 Drollingier WI):0356* (Dillaman OH)+2
 6005 1000 R. Reloj, ID, TCs, mx (444 9/10 Soomre MA)
 6150 0305 R. Impacto, pop mx, ID (422 9/12 Beilke MO):2230 (Huffaker MEK)+2

CUBA

a very active country this month!

3345 0127 R. Moscow Relay, RR, Mayak px, couldn't find them on 4765 and tuned across them here. Not as strong as 60 meters, but strongest on band not //4765 (444 9/7 Huffaker MEK):1042 (444 9/8 Jones MS)+2
 4765 1020 Mayak Relay, RR, classical mx (454 9/22 Blanchette FL)+3
 7425 0250 RHC, very strong sig. So much for HA pirates on this freq. First decent thing Castro has done! (Castro must like it here, with all the other pirates jc)(9/24 Barto CT)(Cadorette MA)(Berri CA)+2

CUBA continued

7455 0355 RHC, EE, sports report. Very strong sig, coming in like a local. Seems Cuba is jumping on the 41-meter bandwagon, joining VOA and WYFR (ex 10/16 Caraghin MD)

7485 0454 RHC, SS, mx, ID and propaganda. //7455, 7425 (444 9/20 Huffaker MEX)

9525 0715 RHC, EE, "Cuban Profile", VOA QRM (324 9/1 Keenan CA)(Hevern NY)

11690 2013 RHC, EE, mx, county (333 9/23 Gilster NC)

11760 0330 RHC, "Spotlight on Latin America" (444 9/21 Stanley AZ) —EE!

11930 0112 RHC, EE, "Cuban Profile" (444 9/19 Chickercall WV)(Talbot WI)+4

11950 1930 RHC, SS, Latin mx (444 9/11 Langlois GA)

11980 1348 RHC, SS, Mallbag px, steady sig (253 9/11 Gilster NC)

15155 1920 RHC, SS, jazzy Lam mx (433 9/21 Gilster NC)

15300 0057 RHC, EE, "Cuban Profile" //11930 (444 9/22 Bradley MA)

15525 2332 RHC, SS, Cuban mx, this is a NF (333 9/16 Hotaling NV)

17690 1831 RHC, SS, Cuban mx, IL ID (424 9/23 Benault MA)

19460 0005 RHC, SS, usual propaganda. Also on 19370. Radio problem? (On any other month, I'd say this was just another image. But this month? I'm not so sure jc)(131 9/14 Jones TX)

DOMINICAN REPUBLIC

11700 2235 R. Glavin, SS, ID, bell IS, "La Tremente Carte" px (353 9/14 Beilke MO)+

11700 0205 R. Barth, EE, mx w/Rudy Espinol (444 9/6 McKeon IN)(Krist VA)+1

GRENADA

15045 2050 RFG, soap opera (what would be a good socialist soap opera, All My Comrads? jc)(433 9/10 Langlois GA)

GUATEMALA

3370 0100 R. Tezulutlan, SS/Indian, //4835 (add this and drop 2340 from your WRTR)(444 9/10 Huffaker MEX)

4825 0027 R. Ma, maramba mx, TC, ID (434 9/3 Van Horn TX)

6090 1101 TCMUB/AVE, missed armt at 1101. Pop mx until 1151 ID (tent) "Esta es TCMUB, LV de la iglesia bautista ——" followed by relig px "LV de esperanza". Rushing noise QRM and bad mod no help (454 9/30 Jones MS)(454 10/1 Mahoney FL)(not too often reported jc)

EL SALVADOR

95534 0019 R. Nacional, Lam songs and propaganda. Scred of R. Soberania Nacional, NA (322 9/10 Ulmer LA)

HONDURAS

3250 0325 R. Luz y Vida, ID and TC into EE Bible px (333 9/26 Mahoney FL)+1

4820 0402 HRVC, relig px (444 9/1 Van Horn TX)

4910 0245 LV de Mosquitia, CM w/relg mx. ID @0250. Unusually weak but in the clear. QRM (pr 9/12 Parks FL)

MEXICO

2390 0030 R. Huayacocotla, the px on this "local" caught my attention—a long revolutionary harangue for independence from the US (I didn't Mexico was part of the US, hi! jc)(444 9/18 Huffaker MEX)(Parks FL)

5982 0115 XENJ, Mexican mx (incl "La Cuacacha"). Many IL/CM IDs, amncd SW freq and gave address as A.P.72, Linares, N.L. (see the front page of WH for their address jc). Het from abt 1030 on from carrier on 5980. Did not get amcd. freq (332 9/8 Jones MS): 2240 (343 9/3 Huffaker)

6045 1320 R. Univ. de San Luis, usual classical mx. ID @1400, commercials (9/24 Brenesal FL)

MONTSERAT

9545 0700 DJ Relay, EE, "Hit Parade", wld mx (434 9/24 Stanley AZ)

NEWSELAND ANTILLES

6165 0610 RN Relay, EE, "SW Feedback" (444 9/24 Cox GA)(544 9/5 Lord CA)+4

9590 0230 RN Relay, EE, "MediaNetwork" (544 9/2 Spremo NY)(555 9/19 Stanley AZ)

11815 1115 TMR, EE, "Morning Sounds" (444 9/19 Muzyka NY)

21685 *1830 RN-Relay, EE, //17605, px to Africa (554 10/1 Prath FL)

NICARAGUA

5950 1124 LV de Nicaragua, tropical mx, mx (454 9/9 Moore TX)(Card RI)+9

6120 0335 R. Zinica, ranchera mx. ID as "R. Zinica, emisora...?...que transmite desde la ciudad de Bluefields en la Nicaragua libre" (232 9/19 Heller WA):0452* (444 9/7 Huffaker MEX)(Prath FL)(Moore TX)

No room for the Pirates. I was very busy this week, and was a bit rushed to finish the column on time. That's why I'm a bit less talkative and witty this time around.

PIRATES

- 6210 0439 KPRC, EE, rock mx, pirate Ed Armstrong talking to guest that spent summer in Europe. Didn't take calls because Pirate Ed didn't know how to work phone console. //1610 (fair). Just disappeared. (345 9/10 D'Angelo PA)(454 9/10 Spremo NY)
- 6225 2205 IK Radio Service, EE, rock mx w/IK Tips, such as Madagascar. ID as "You are tuned to the IK Radio Service". Said they were on for Ikers. 2215*. No address given (This sounds like my kind of pirate jc)(333 10/4 Fisher MA)
- 6225 0320 VORevolutionary Video, EE, DJ w/rock mx and sketches. ID and address of P.O.Box 982, Battle Creek, MI (323 9/22 Harvey QUE)
- 6838 0030 R. Rainbow, SS, mx, mx, ID @0030 as "R. Rainbow" (444 10/2 Card RI)

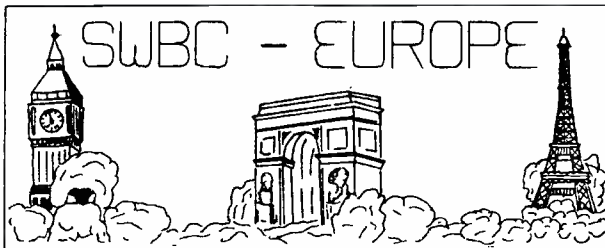
UNITED STATES

- 5985 0100 VOFC Relay, EE, s/on, mx, cmnty (554 9/14 Spremo NY)
- 5995 0230 VOA, EE, "Dateline" (454 9/8 Jones TX)(5(?)1(?)5 9/25 Henault MA)+1
- 6030 0113 AFRTS, EE, "Brewers vs Orioles" baseball (444 9/17 Krist VA)+2
- 6065 0554 WYFR, EE, UPI mx, relig px (555 9/25 Talbot WI)
- 6080 0600 VOA, EE, mx (555 9/25 Talbot WI)
- 6110 1023 WRNO, EE, western pops (322 9/18 Tanaka JAPAN)
- 6185 0425 WRNO, EE, World of Radio (444 9/17 Krist VA)(454 9/28 Bingham MA)
- 7345 0511 WYFR, GG?, relig mx (444 9/20 Huffaker MEX)
- 7355 0511 WYFR, GG, powerful sig, best on band, relig tx (ex 10/8 Cereghin MD)+1
- 9515 0116 WRNO, tx on different ways to cook spam (the army has about 50 different ways, hi! jc)(444 9/11 Bingham MA)
- 9535 2131 WYFR, EE, tx abt Bible (333 9/7 Addison KS)
- 9660 1630* VOA, ?Lang, to SEA (323 9/25 Talbot WI)
- 9675 1215 KGEL, JJ, OM tx, 1230* (343 9/17 Famularo NJ)
- 9700 2103 VOA, EE, mx (444 9/2 Draye SAUDI ARABIA)
- 9705 2300 WRNO, EE, pop/rock mx (455 9/16 Langlois GA)(433 9/25 Krist VA)
- 9715 0245 WYFR, EE, "Science, Scripture and Salvation" (434 9/25 Talbot WI)
- 11790 0037 AFRTS, EE, Pirates vs Expos baseball (433 9/18 Krist VA)
- 11830 1533 WYFR, EE, UPI mx, "Insights" (454 9/16 Bingham MA)
- 11855 2225 WRNO, EE, songs (242 9/1 Draye SAUDI ARABIA)
- 11925 1500 WYFR, EE, relig sermon (455 9/10 Langlois GA)
- 11940 1425 WRNO, EE, rock mx (444 9/4 Jones TX)
- 11950 2300 WRNO, EE, mx, mx (555 10/1 Kams OK)(454 9/29 Chickereall WV)+2
- 15210 2130 UN Radio, EE, "Caribbean Magazine" (444 9/16 Berri CA)
- 15420 1900 WRNO, EE, Saints-Bears football (454 9/18 Famularo NJ)
- 17730 1900 WINE, EE, sermon (334 9/6 Addison KS)
- 17730 2100 UN Radio, EE, "Caribbean Magazine" (545 9/21 Berri CA)
- 17765 2340 AFRTS, EE, Phillies-Expos baseball (333 9/22 Krist VA)
- 17775 1835 WRNO, EE, rock mx. Fade out by 1905. Barely audible here in West Berlin (9/23 Smallwood West Berlin)(444 9/14 Bingham MA)+1
- 17785 0015 VOA, EE, mx (455 9/10 Langlois GA)
- 21615 2140 WYFR, EE, Mailbag (454 10/2 Bingham MA)
- 21840 1535 VOA, Special EE, mx, "Words and their story" (454 9/18 Krist VA)
- 26040 2000 VOA, EE, "Nightline Africa" (222 9/28 Sable NY)

Well, 403 logs later, I'm all done. For the second month in a row, I have a good chunk of space left, and nothing too much to say. I got two comments on my remarks about using the SIO code last month. One agreed with my position, one didn't. The negative remark came about from the impression that the SIO code includes fading and manmade noise (QRN) in figuring the last "overall quality" digit. It must be remembered that you DO NOT take fading and static into consideration when evaluating a signal. The S stands for signal strength, the I for interference, the O for overall quality. Don't put more into the code than you can get out. Frankly, I think the SIO code is going the way of the dinosaur. I don't use it anymore, and if you don't want to, then don't! As long as you give your signal report in a method we can all understand, then that's okay with me.

Well, that's all for me for now. So, until later, I'll see you later!

73's
John
Cereghin
WDX31AD



EDITOR
 DANIEL SAMPSON
 RT #1 Box 36
 Black River Falls, WI 54615

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

Hello SPEEDX members! I'm your new European loggings editor. For those of you who do not know me here is a short biography. I am 21 years old and listening to shortwave radio for at least five years. The receiver I use is a Realistic DX-300 with a MHz knob that once in a while doesn't work right, this is rare at least! Prior to the DX-300 bought in April of 1979, I used a Sears Multiband radio. I DX broadcasters in all bands plus the public service band. I am also a railfan and bird watcher. This is not the first time I've edited for a DX Club as I have edited a DX News column for a small DX Club before. Thank you Rick Drollinger and Mark Koukol for your help on informing me on how the column is to be done.

ALBANIA Radio Tirana, Radio Gjirokaster

5020 0415 RG: Alb. OM wailing end 0420, mx, tk by YL, //5057, 322 (9/25 Lipman-NY)
 0410 Alb. folk mx, OM&YL 333-0415 sounded like exercise pgm set to mx,
 434 (9/20 McKeon-IN)

7065 *0000 RT: EE "This is R. Tirana" by YL, nx of Alb. and other countries,
 comtry on multi-national companies, songs, CW QRM 0026*, 444 (9/21
 Krist-VA), 555 (Karns-OK), ??? (McKeon-IN)

7120 0230 RT: EE YL w/ report on the development of agriculture in the mountain
 areas of Alb., wld nx, CW QRM, tlk on health education for mother's and
 their children, 433 (9/27 Stanley-AZ), 0300 SS 444 (9/21 McKeon-IN)

7300 0445 RT: EE Marxist ethics pgm, ID w/time & freq sked, 333 (9/19 Heller-WA)
 0330 332 (9/23 Stanley-AZ), 0338 444 (9/22 McKeon-IN)

9500 0630 RT: EE nx, feature on folk ensemble in Alb. //7080, 444 (9/25 McKeon-IN)

9750 0230 RT: EE nx, comtry, feature-What we saw in Alb., 422 (9/23 McKeon-IN)

11985 1400 RT: EE nx about Alb., comtry about nuclear holocaust, 333 (McKeon-IN)

Can anyone hear the 1230 b/c to Nam on 9515 & 11960 kHz?

AUSTRIA Oesterreichischer Rundfunk

5945 *0130 ORF: EE Austria Calling, Report from Austria, rept on Pope's last day
 in Vienna, Austria & the UN, Review of Austrian Newspapers 0155*, 444
 (9/14 Krist-VA), 0005 545 (9/23 Robinson-TN), 0433 (Berry-CA) +6

9770 *0128 ORF: EE Austria Calling, Rept on Austrian economy, mx, Ecology problems
 w/ a hydro project, Austrian Exhibition in Tokyo 0153*, 433 (9/15 Krist-VA)

11665 0259 ORF: SS noted w/ multi-lingual ID followed by anmt in SS, 322 (9/6
 Moman-Alberta), 2145 232 EE (9/25 Zilmer-NM)

17860 *1230 ORF: EE Report from Austria, comtry on week in Austria, item on
 creation of oral penicillin in Austria 1255*, 454 (9/24 Krist-VA)

BELGIUM Belgische Radio en Televisie

9880 0030 BRT: EE Radio World-devoted to playing the station's signature tunes,
 444 (9/29 Klosowski-FL), 0108, 354 (9/12 Jones-TX), (9/22 Blanchette-FL)+1

11620 0030 BRT: EE Focus pgm, CW QRM, 323 (9/6 Talbot-WI)

17610 1334 BRT: DD singing in DD, Andrews Sisters singing "Begin the Begun," 545
 (9/21 Robinson-TN)

21460 1100 BRT: FF nx on Korean plane incident and response to listener mail over
 the air, 444 (9/11 Stiner-NY), 1610 344 (9/25 Lipman-NY)

BULGARIA Radio Sofia

9700 2200 RS: EE nx, comtry, mx, life style mx, propaganda, 444 (9/6 Gammie, MI),
 2130 423 (9/27 Hevern SJ-NY), 0000 322 (9/24 Stanley-AZ), (Krist-VA)

11750 *0400 RS: EE IS, theme tune, ID twice, ID featuring Tass version of the
 KAL 747 shootdown, YL, 444 (9/3 Palmer-WA), 0420 444 (9/10 Brewer-AR)

15110 0050 RS: EE film industry in Bulg., Bulgarian mx, 544 (9/6 Stone-Ontario)

CZECHOSLOVAKIA Radio Prague
7345 0302 RF: EE nx, comtry, mx, other boring propaganda, 454 (9/14 Spremo-NY)
0100 555 (9/23 Krist-VA), 343 (10/1 Stanley-AZ), 555 (9/28 Karns-OK)+1
11800 0100 RF: EE bulletin of world nx, comtry on Reagan's new nuclear weapon
limitation's proposal to the USSR, Czech. folk song, Science &
Technology pgm, 333 (9/27 Stanley-AZ)

FINLAND Radio Finland
11755 0645 RF: Finish ID in Swed & Finish, nx, 333 (9/28 Soomre-MA)
15400 *1200 RF: EE Northern Report, nx, Compass North, new time & freq sked as of
Sept. 25 amnt, 1228*, 444 (9/24 Krist-VA), (9/18 Brewer-AR)(Stiner-NY)
17800 1400 RF: EE Northern Report, Compass North, nx & comtry, /15400, 453
(9/17 Fraser-MA)1200, 343 (9/15 Blanchette-FL)
21475 1310 RF: EE promo for Sunday Best, Perspectives, 545 (9/30 Harvey-Quebec)

FRANCE Radio France International
7135 0448 RFI: EE&FF OM w/nx to 0455, then FF w/ID & freqs, 444(9/10 Brewer-AR)
9790 2030 RFI: FF rock mx-top hits, 444 (9/16 Blanchette-FL)
17620 1600 RFI: EE Paris Calling Africa, newsreel, African Insight, mx request,
P.O. Box 9516, severe fading in 1640, You Asked For It, 443 (10/2 Stanley)
17795 1600 RFI: EE Paris Calling Africa, African & world nx, Letterbox, Record
Request, Info on RFI's listeners club, 323 (9/18 Stanley-AZ)
21580 1315 RFI: FF discussion on Belgium's economic problems, 444 (9/24 Stiner-NY)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International
9560 *0230 RBI: EE OM w/nx & comtry on Anti-U.S. policy in Chile, YL w/mailbag,
444 (9/11 Cox-CA), 422 (9/14 Stanley-AZ)
9730 *0000 RBI: EE nx, Memorial service at a former Nazi death camp, item on
Korean airplane, Question time, 0040*, 433 (9/15 Krist-VA)
11975 *0000 RBI: EE nx, comtry on Germany after Nazism, item on anniversary of
joining the UN, US-USSR Arms Talks, GDR Kaleidoscope, 0040*, 433
(9/14 Krist-VA), 2300 GG 433 (9/11 Langlois-GA)
17800 1400 RBI: FF "Ici RBI en destination de l'Afrique" pgm, Korean plane was
provoking the Russians, plot by US (sic), nx pgm, 333 (9/11 Stiner-NY)

GERMANY, FEDERAL REP. OF RIAS Berlin, Bayerischer Rundfunk, Deutsche Welle
6005 1230 RIAS: GG w/nx, wx & temps from Berlin Meteorological Institute, ID as
RIAS-Berlin by YL, giving 3 AM & 1 SW freqs, into classical mx pgm 1240
(9/19 Smallwood-West Berlin)
6085 2110 BR: GG EE rock mx, GG nx @ 2200 by OM, 343 (9/13 Soomre-MA)
6145 *0100 DW: EE nx, Korean airliner controversy & disarmament & peace
demonstrations, Swedes hunting subs again, Sunday Mailbag, 355 (9/4
Black-NH), 444 (9/24 Blanchette-FL), 333 (9/23 Stanley-AZ)
9565 0100 DW: EE world nx, Microphone on Europe, Press Review, then Larry Wayne
w/ Germany Today, Intermittent QRN, 443 (9/26 Stanley-AZ)
15275 1900 DW: GG OM talk, 1923 play w/OM&YL w/ sound effects, 1935 OM long talk,
//11795, 17860, 343 (9/4 Chickereil-WV) NY/
17705 1939 DW: EE Window on the World, Kaleidoscope, African nx, 444 (9/2 Spremo-/
17780 0030 DW: GG Eur. comtry, YL, ID, 433 (9/10 Langlois-GA)
17845 1928 DW: GG OM announcer in GG w/nx in background, sounded like s/off @ 1930
followed by mx, 515 (9/23 Henauct-MA)
21500 1122 DW: AA nx reports, s/off @ 1150, 444 (9/22 Draye-Saudi Arabia)
21600 1515 DW: EE Man & His Environment, Nigerian Theatre Troup visits Germany,
UN Technical Conf., 444 (9/25 Fraser-MA), 1700 FF 444 (9/11 Stiner-NY)

GREECE Voice of Greece, Voice of America relay
9420 0130 VOG: Greek, Greek Instrumental mx, ID @ 0148, freqs given, s/off @ 0150
444 (9/24 Stanley-AZ)
9865 0135 VOG: EE talk on restoration of the Acropolis, 434 (10/3 Cadorette-MA)+3
12085 0130 VOG: Greek, Greek Instrumental mx, vocals, ID @ 0145 w/nx in Greek
343 (10/1 Stanley-AZ)
15260 1640 VOA: EE OM w/talk on space shuttle Challenger in Special EE, 322
(9/9 Berri-CA)
15630 1330 VOG: talk, mx, freq sked @ s/off 1352, /17565, 242 (10/3 Zilmer-NM)

HUNGARY Radio Budapest
9835 *0100 RB: EE mx, comtry on British-Hungarian cooperation, mx, Calling DXers
& Radio Amateurs, private enterprise in Hungary, 0128*, 454 (9/14
Krist-VA), 1700 433 (9/30 Kosugida-Japan)
11910 1605 RB: EE nx, nxreel, 354 (9/7 Spremo-NY)
12000 *0100 RB: EE Int. Nxroom, Comtry on relations w/Finland, 0127*, 343(9/21 Krist)
17710 1530 RB: EE nx, 222 (9/29 Zilmer-NM)

ICELAND Iceland State Broadcast Service
13797 1923 ISBS: Icelandic pgm of class mx hosted by OM&YL, ID by OM @ 1930, into discussion between 2 OMs, 333 (9/26 Sharp-FL), 1925 tentative 242 (9/24 Bradley, MA), 1824 333 (9/4 Moman-Alberta)

IRELAND Radio Dublin International
6910 0234 RDI: EE lots of contemporary rock mx, two DJs talking about how good that sounds, 252 (9/29 D'Angelo-PA), 0300 444 (10/1 Raymond-NH) (Sharp-FL)

ITALY Radiotelevisione Italiana
9575 0100 RAI: EE world nx, item on the 37th Trieste Medical Conf. & the European Airlines boycott of Aeroflot, mx, 434 (9/15 Stanley-AZ) (Chickerell-WV)+4
11800 2230 RAI: II IS & IDs, co-channel Prague, real mess!, pr (9/4 Moman-Alberta)+1

LUXEMBOURG Radio Luxembourg
6090 0033 RL: EE talking, songs & mx, 232 (9/24 Draye-Saudi Arabia)
15350 1850 RL: FF OM w/talk & FF hit parade, FF pop mx, ID, 323 (9/1 Harvey-Quebec) 2030 333 (9/4 Moman-Alberta), 2104 444 (9/2 Spremo-NY), (Stiner-NY)

MALTA Deutsche Welle relay
9590 0100 DW: EE monthly mailbag pgm, GG pop mx, 555 (10/2 Klosowski-FL)
11865 0132 DW: EE OM/ID mx, contry, mx, 444 (9/12 Addison-KS)

MONACO Trans World Radio
9493 0752 TWR: EE Rev. Ian Barclay speaking on "Encounter" to ID by OM @ 0800, freq given on the air as 9.5 MHz, 222 (9/11 Brewer-AR)

NETHERLANDS Radio Nederland
17605 1330 RN: EE Happy Station, mostly mx, 233 (9/11 Stiner-NY)

NORWAY Radio Norway International
15175 1706 RNI: EE Report on oil rig & cooperation with Soviets on oil, report on kidney transplants, report on mx, 343 (9/18 Grijalva-AZ), (Stone-Ontario)
17840 1300 RNI: EE Norwegian task force in Lebanon is stopped by Israelis who do not want them to transport weapons that might fall in the hands of the PLO, 333 (9/11 Stiner-NY)

POLAND Radio Polonia
7270 2230 RP: EE At 2303 there is a nice class mx pgm w/no talk, //7125, 7145, 222 (9/7 Lipman-NY)
9525 *0200 RP: EE ID "This is R. Polonia Broadcasting in its NAM service from Warsaw" by OM, nx, Panorama, mx feature, 333 (9/15 Krist-VA), (Card-RI)

PORTUGAL Radio Portugal, Adventist World Radio, IBRA
6060 *0300 RP: EE nx til 0315, EE sked, Report from Portugal, Presidents trip to the USA, first by a Port. head of state, 0330*, 443 (9/18 Bradley-MA)
9670 1640 IBRA over R. Trans-Europe: RR rel. pgm to 1700, IS, EE ID by OM "This is IBRA Radio, b/cing over Radio Trans-Europe, Lisbon, Portugal," into AA pgm afterwards (9/20 Smallwood-West Berlin)
9670t *0800 AWR over R. Trans-Europe: EE possible ID very heavy interference, 211 (9/4 Dillaman-OH)
11775 2010 RP: GG nx, ID, wx & chatter, nicer than EE svce, 443 (9/23 Ulmer-IA)
11925 *0300 RP: EE YL w/nx & w/science, culture pgm, Portugal's airline svce & improved technology, mx interlude, 333 (9/11 Cox-CA), 332 (9/15 Stanley-AZ)

ROMANIA Radio Bucharest
9510 0417 RB: EE Romanian folk mx, ID by YL 0418, same YL w/contry on scientific & technological research in Rom., //11810, others blocked, 322 (9/3 Palmer-WA), 0410 433 (10/1 Raymond, NH)

SPAIN Spanish Foreign Radio
9360 0150 SFR: SS station ID moving into nx, 555 (9/28 Karns-OK)
9630 0000 SFR: EE Panorama, OM w/Press Review, wx in Spain, mx time, Science Review, Spanish History pgm, mod. QRN, 434 (9/27 Stanley-AZ), (Iangois-GA)
11880 0030 SFR: EE SFR Nx Service, Spain in the 80's, Books & Publishing in Spain, Spanish course by radio, 555 (9/21 Krist-VA), 0040 544 (9/12 Hesch-CA)+2
15375 2033 SFR: EE Nat'l nx by OM, world nx, 2045 Sports Roundup, 343 (9/17 Jones-TX)
17660 1815 SFR: SS OM announcer w/nx & sports in SS, s/off w/YL & mx @ 1830, 424 (9/23 Henauct-MA)
17720 1400 SFR: SS IS, ID, talk & mx, //17660, 343 (10/2 Zilmer-NM)

SWEDEN
 9695 0230 Radio Sweden International
 RSI: EE IS, ID in EE & Swed, Weekday from Stockholm, Swed and other Nordic nx, Swedish editorial comtry on the Escalation of fighting in Lebanon, Report from correspondent in Iceland, Swedish books review, 433 (9/22 Stanley-AZ)

11705 2300 RSI: EE OM w/nx, comtry on Swedish Press, Report on the "Save the Children" organization, QRM from DW in GG on same freq & R. Clarin on 11700, 333 (9/14 Stanley-AZ)

11710 2300 RSI: EE nx, pgm beamed to NAm //9695, replaces 11705 effective Sept 25, 242 (10/1 Zilmer-NM) 555 (10/1 Karns-OK), 444 (9/26 Krist-VA), (Spremo-NY)

17710 1700 RSI: Swedish nx, pgm to NAm replaces 21605, 333 (9/30 Zilmer-NM)

17860 1400 RSI: EE nx, pgm to NAm replaces 21615, 343 (9/25 Zilmer-NM) how about a little programming information?-djs

21555 1315 RSI: Swed OM talking, SSB, 434 (9/30 Harvey-Quebec)

21615 1419 RSI: EE Mailbag Show w/ a discussion of Bus Tram & Subway system in Sweden, 555 (9/11 Fleischaker-KY), 1500 FF 444 (9/11 Stiner-NY)

SWITZERLAND
 3985 2130 Swiss Radio International, Red Cross Broadcasting Service
 SRI: SS w/ nx by a OM & YL, very good level (9/26 Barto-CT) 1815 EE w/ opening IDs, TC for 1815, pgm preview, nx, Sunday Supplement w/talks on two books about Switzerland to 1845, FF pgm begins (Smallwood-W. Berlin/SRI: EE Swiss SW Merry-Go-Round, Note: on 9/11 11715 (444), 9/18/15305 (221), 6135 (322); 9/12 11715 (444), 15305 (444), 6135 (333); 9/16 6135 (very wk) others not hrd, 9/17 6135 (434) others not hrd. Strange!! Anyone know whats going on? good question. (Chickereil-WV) 0200 EE-SS, 545 (9/14 Robinson-TN), (Stanley-AZ), (Karns-OK) (Hotaling-NV)

9725 *0145 SRI: EE YL/OM w/Dateline nx, comtry on Telecommunications technology, 434 (9/24 Cox-CA), 432 (9/16 Stanley-AZ), 0445 533 (10/1 Heller-WA)

11715 *0145 SRI: EE world nx, ID, Bob Zanotti w/comtry on one of the depressed mountain villages in Round About Switzerland, 343 (9/12 Hesch-CA) +1

17830 *1529 SRI: EE TC, Bulletin of Int. nx, Sunday Supplement w/ look at a best selling book, item on Romansh lang., 433 (9/18 Krist-VA), (Stanley-AZ)

21520 1314 SRI: EE s/on, nx, Dateline, 353 (9/1 Spremo-NY)

21630 *0945 RCES: AA Activities of ICRC in Lebanon & meetings w/ICRC officials with some mx, 1015*, 353 (9/29 Draye-Saudi Arabia)

U.S.S.R.

Ukrainian SSR
 6020 1513 RMWS (Kiev): EE OM w/nx of Korean air disaster, blaming US, 444 (9/10 Berri-CA) Where did you get this location?-djs

11735 0205 RM (Simferopol): EE OM, ID, nx, 334 (9/6 Addison-KS)

Byelorussian SSR
 9470 0430 R. Mayak: RR Mayak IS at tune in, nx followed headed by YL, 322 (9/3 Palmer-WA) Olle Alm (ace Swedish DXer) has xmtr for this xmsn at Moshilev for J83, were assuming the same for S83.

Unknown Sites
 4765t 0210 Mayak 2: RR light class & pop mx to 0227, possible IDs @ 0227, 0235 YL announcer, //11990 (232), YL&OM w/talk 0230-0235, 434 (10/1 Hevern SJ-NY)

9610 0230 RM: EE Vladimir Posner tirade on Watt comments, 444 (9/20 NY) Talbot-WI) To the best of my knowledge this is not a Cuba relay.

9685 0030 RM: EE OM comtry on Reagans Mideast stance, ID, 444 (9/9 Langlois-CA)

9685 *2330 R.Kiev: EE nx, comtry on the downed Korean airliner & the arms race, Close up on the Ukraine, 2358*, 555 (9/13 Krist-VA)

9800 1558 RM: Finish nx, talk on Andropov, //9780 (333), 333 (9/10 Soomre-MA)

11720 2330 R.Kiev: EE nx, comtry, close up on the Ukraine, nx, s/off, 555 (9/6 Spremo-NY)

12000 0150 RM: EE Jazz mx & OM announcer, s/off 0500 after Scott Joplin type piano rag, 332 (10/2 Hevern SJ-NY)

15180 1355 RM: lang., class mx, announcement by OM, RM IS & "Radio Moskva" at 1400, nx in AA?, 353 (9/18 Fraser-MA)

15490 2032 RM: FF ID in FF several times as "R. Moscow International" with very western sounding talks & comtry, FF to Africa, very western sounding even had Parisian street music playing, sounds just like RFI, EE noted @ 2102 recheck, 343 (9/4 Moman-Alberta)

15510 1859 RM: EE start of world service b/c to Great Britain, ID, nx @ 1900, 322 (9/1 Harvey-Quebec) The site could be Simferopol as b/c at this site are on this freq at 1700-1800 & 2000-2100!-djs

17760 0340 RM: EE first announcement-very terse-of disappearance of civilian jet over RR airspace, 333 (9/5 Lord-CA)

<u>UNITED KINGDOM</u>		British Broadcasting Corporation
3975	2130	BBC: Polish w/nx by both sexes (there's nothing wrong with that-djs) very strong signal (9/26 Barto-CT)
9525	1515	BBC: EE Promenade series-class mx, 1600 nx, 444 (9/25 Talbot-WI)
9915	0320	BBC: EE contry on world money & problems with IMF, 323 (9/25 Talbot-WI) 0030 EE Play of the Week, look at upcoming BBC drama pgms, Baker's Half Dozen mx pgm, 353 (9/18 Krist-VA)
11835	0035	BBC: EE OM, ID, mx & contry, 223 (9/13 Addison-KS)
15070	1830	BBC: EE Top 20 rock-pop mx pgm, 554 (9/14 Fraser-MA), 1730 EE DX pgm, nx, 454 (9/7 Spremo-NY), 2305 EE nx, item on Britain, China & Hong Kong, Off the Label mx pgm, 353 (9/20 Krist-VA)
17790	1330	BBC: EE rock & pop musicians & their public image discussed, 252 (9/17 Fraser-MA), 1352 EE nice class mx, Dvorak & Wagner, OM announcer 233 (9/8 Lipman-NY)
<u>VATICAN STATE</u>		Vatican Radio
6015	*0050	VR: EE "Vatican Centuries, series 2, program 13," talk on Bernard of WV/Clarvo, 0109 ID, //9605 (322) & 11845 (433), 443 fading, 9/6 Chickere//0050 455 (9/19 Berri-CA), 0100 555 (9/28 Karns-OK), 0105 544 (10/3 Cador-VR: EE A Many Splendid Things pgm, 554 (9/2 Spremo-NY) ette
11845	0050	
<u>YUGOSLOVIA</u>		Radio Yugoslavia
9620	2213	RY: EE IS to 2215, then YL ID & freqs given in meters, into nx & contry, FF noted after 2230, //6100, 343 (9/25 Sharp-FL)
15240	1554	RY: EE Just caught end of b/c, YL announcer "You have been tuned to Radio Yugoslavia, Belgrade," gave freq & then s/off @ 1555, 323 (9/26 Muzyka-NY)
<u>UNKNOWN</u>		
9410	2230	lang, IS on hammered dulcimer type instrument, speech by OM, East Europe type mx on violin @ 2245, 333 (under BBC) (V. of Greece off freq?) (9/14 Fraser-MA)

Thank you for all those loggings you have sent in. I received a letter from Dick Hull thru John Trautschild. Thank you both. Dick has been corresponding with Olav Grimdalen, Frequency Manager of Radio Norway. From the letter Dick received dated 9/28/83 we take the main points below:

Radio Norway International tries to draw a picture of what is going on on this side of the Atlantic. The station has a limited time of each transmission and therefore it does not go along with producing programs just for fun. Their main task is to reach listeners which take an interest of receiving news from "the olde country." Olav would like to receive more reports from DXers with remarks on what station is interfering with the station and clear frequencies which the station can try. If they get the information that their frequency is being disturbed and that's it there is little they can do (this is true for every station).

I hope this information will assist you in writing more informative reception reports to the various shortwave stations.

European News from the BBC Monitoring Service's World Broadcasting Information.....

CZECHOSLOVAKIA Tass reported that Czechoslovak Radio b/c pgms for listeners in foreign countries in Arabic, English, Spanish & French for about 40 hours a day. Radio Prague maintained stable contacts with its listeners and had received over 146,000 letters in 1982.

FRANCE According to information received from Telediffusion de France, the broadcast from RFI in Russian began officially on 9/5. The program is transmitted daily 0300-0330 on 9745, 7135 & 6045. RFI's African Service "Network South" has been redesignated the "World Service" (French: Service Mondial). The former African service had been beamed to western Europe since Sept. 1981, and since May this year RFI's Eastern European service "Network East" has incorporated an increasing amount of relays of the former African service. Parts of this service were also relayed to North America.

GREECE The V. of Greece broadcast in Greek to North America from 0000-0150 & 0200-0350 have been heard on 12085 (ex-11645), 9865 & 9420. The 0400-0450 transmission in Greek to the Arab World has been observed on 9865, 9420 & 7370 (ex-11645).

This puts to an end my first month of editorship for SPEEDX, I hope I have pleased all of you with the way the column is being handled. 73s,

Sam Sampson



SHORTWAVE AFRICA



MARK KOUKOL P.O. Box 321 DeKalb, IL 60115

The cool weather has finally arrived here in the Mid-West, and the conditions on the bands are improving as well. This year I'm hoping to take full advantage of it by acquiring a new receiver to replace my old standby, the FRG-7. Unfortunately, this may not prove an easy task, as it's the old "none of 'em have it all" story--if Icom would run me off a IC-R70 with the memories & tuning of the R-2000 and 3 AM filter positions like the FRG-7700, I'd have no problems at all, hi. Dream on.

Several reporters wrote that they favor keeping the clandestines in a separate section, and as no negative votes were received, so they shall stay.

ALGERIA

- 9640 *2000 R. Algiers; EE w/nx headlines, YL ID, mx, 333(9/27 Famularo-NJ)
- 17745 1958 R. Algiers; FF/EE, tx by FF YL, pips to 2000, brief mx, ID by OM "You are tuned to the International Svc of R. Algiers" slight QRM de RSA, //15370(353) & 9760(333), 444(10/2 Sharp)

ANGOLA

- 4848t 0415 Em. Reg. do Uige(tent.); PP OM DJ w/Rolling Stones, ID garbled but definitely PP, bad het de 4845 & 4850, 423(9/17 Berri-CA) Well, possibly an off-freq or variable Brazilian, OM, but Uige is active here per Ginbey-WRTH Newsletter--MK)
- 4855t 0507 Em. Reg. do Zaire(tent.); PP tx by OM over drum mx to 0510, into brief mention of Angola but no ID, into hi-life mx, QRM de unid. Latin, 222(10/3 Sharp-FL)
- 5015 0523 Em. Reg. de Namibe; PP/vern., hi-life mx to 0527, then into ancmt w/tent. mention of SWAPO--ID followed "Emissor Regional de Namibe", 322(10/3 Sharp-FL) Well done! Mocamedes listed here per WRTH, assume it has moved or inactive -MK
- 9535 1505 R. Nac. de Angola; Swahili? YL/OM vern. tx, 1510 long choral mx into more tx interspersed w/tribal mx, ID 1520 followed by lengthy tx by YL/OM, 433(9/12 Thompson-CA)

ASCENSION ISLAND

- 11860 *0400 BBC Relay; EE, carrier on 0359 w/World Svc theme, into nx, 333(9/25 Talbot-WI)
- 17830 1155 VOA Relay; SS w/"Buenos Dias America", nx & cmtry, 232(9/19 Dillaman-OH) Good source of full data Ascension QSLs-MK
- 21660 1430 BBC Relay; EE tlk abt bowling w/team captain, update on British football scores, 554(10/1 Prath-FL)

BENIN

- 4870 2140 ORTEB; FF/vern. pgm of lcl chants to 2141, then OM ID over mx, more chants to past 2151, 333(10/2 Sharp-FL) FF & EE pop mx, ID & s/off 2300, 444(9/11 Soomre-MA) 222(9/23 Dillaman-OH) tent., OM w/FF tlks, strong but bad QRN/QRM kept ID impossible & I'm weak on FF, 423(9/16 Berri-CA) @0540

BOTSWANA

- 4845 0351 R. Botswana; Setswana, cowbell IS hrd thru QRM to 0353, then vocal rendition of NA, //3356 also noted(211), 323(10/3 Sharp-FL) on 4848, 0342 tone, IS @0346, NA, tx, condx much worse than 9/17, -222(9/18 Ulmer-LA)

BURUNDI

15200t 0807 LV de la Revolution; unid. Afro w/FF OM, mixing w/Gabon(also in FF) so hard to ID, no references to cities/towns noted, 222(10/3 Sharp-FL) Sept. RIB via Heldt-SCDX 8/2 shows new ext. svc sked 0700-0900 15200, 0700-1000 17800, 2200-0000 15200--MK

CAMEROON

3970 2131 R. Buea; FF w/ID followed by lots of cmtry by OM/YL ancrs, clear sig but slight ARO QRM(9/26 Barto-CT)

4000 2130 R. Bafoussam; FF w/ID & tlks by OM, vy good(9/26 Barto-CT) @2245 native mx w/vern. OM DJ, FF nx, ID by YL, NA 2304*, some ARO QRM, fair(9/13 Parks-FL) @0425 w/IS, OM IDs in FF & EE, NA(my favorite), drums & singing, nice condx! 332(9/17 Ulmer-LA) tent. in FF @0445, 333(9/17 Cook-CA)

4795 2150 R. Douala; FF w/Afro folk mx, YL listing names, OM tlk, fr-poor(9/20 Famularo-NJ) @2238 w/pop mx, IDs, exc(9/10 Barto-CT) FF nx @2300 then NA & s/off 2305, hvy UT QRM, 222(9/29 Thunberg-PA) EE nx noted 2305-2309, ID, into FF, 333(10/1 Sharp-FL) @0430 w/FF/EE ID w/IS on xylophone, freq given, NA @0433, 433(9/25 Harvey-PQ)

4850 2300 R. Yaounde; world nx in EE, ID "That was the world nx from R. Yaounde" then into FF nx, 3+53+(9/22 D'Angelo-PA)

9745 2045 R. Cameroon; EE ID, Afro nx, 322(9/24 McKeon-IN) EE nx on OAU 2100-2113, reggae mx, ID 2117 & into FF, 232(9/20 Golab-IL) 2200 EE nx, "This nx is best in the National Svc of R. Cameroon", 323(9/26 Dillaman-OH)

CANARY ISLANDS

15365 0230 REE Tenerife; SS ID & freqs by YL/OM, 333(9/5 Moman-AB)

CAPE VERDE

3930 2137 R. Voz de Sao Vicente; PP w/ID & QTH @2140, ancmts by OM, vy weak w/hvy ARO QRM(9/26 Barto-CT)

CENTRAL AFRICAN REP.

5035 2212 R. Centrafrigue; FF tlk by OM, hi-life & native mx, ID 2230, fair(9/22 Parks-FL) @0435 w/endlless hi-life mx, long ID in FF on hour, tx, 444(9/17 Ulmer-LA) @0450 w/great African mx, 323(9/17 Cook-CA)

CHAD

5288 1522 R. Moundou; carrier running only, 444(how did you ID it, OM?-MK)(10/6 Constantinides-RSA) 5285, @0510 w/pgm of distinct Afro mx, laid-back OM tx, etc. poor mod. & weak sig, not audible w/out ECSS, 222(10/6 Sharp-FL) tent. this one on 5286a @0510 w/definite Afro mx on stringed instrument, OM tx @0521, more mx 0522 & gone by 0535, severe QRM de UT on 5290a, 211(10/14 Koukol-IL)

DJIBOUTI

4780 0253 R. Djibouti; AA or Somali, was tuning around to catch 0300 s/on but instead hrd lengthy Koran recitations to 0309, then low-key tx by OM followed by brief flute mx & partial ID by OM w/positive ments. of Djibouti, really glad to pin this one down! 323(10/1 Sharp-FL) Congrats, OM!

EGYPT

9455 0422 R. Cairo; AA Home Svc, OM w/nx, ments. of "Filistin", "Lubnan", short mx brk 0424 & more nx, 343(9/3 Palmer-WA)

9475 2125 R. Cairo; AA, mx to 2127, brief OM ID & brief Egypt. mx, more tx, fine audio, 544(10/2 Sharp-FL) @0205 in EE w/Koran reading, mx, ID, world & lcl nx, speech on 2nd anniversary of death of Sadat, 433(10/8 Manning-TX) 454(9/24 Krist-VA) 444(9/28 Karns-OK)

ETHIOPIA

7110 0330 VORE; Amharic, flute IS to 0330 then military band NA, tent. OM ID, hvy ARO QRM & soon faded into slop, noted irregularly here, 322(10/4 Sharp-FL)

GABON

4810 2110 Africa #1; FF w/FF mx pgm, nx at 2130, 343(9/25 Soomre-MA) @2217 hi-life & reggae mx w/OM IDs btwn almost every song, 4811, // to better 11940(555), 454(10/2 Sharp-FL) 2259*, 333(10/3 Prath-FL) *0458 in FF, OM ID, then seemingly nx, in-

to popular mx, //11940(weak), 444(9/17 Brewer-AR) 444(10/7 Klasek-MO)

11940 2140 Africa #1; FF nx & cmtry by OM on Korean airliner disaster, 434(9/8 Tilley-CO)

GHANA
4915 2153 GBC; EE OM nx abt Africa & Ghana to 2156, then into choral singing to past 2158, 333(10/2 Sharp-FL)

GUINEA
15310 1831 LV de la Revolution; EE, OM reading political cmtry w/songs (Sun. Magazine pgm), ID as Conakry, Vo the Revolution, wld nx 1854, short fast drum piece, FF 1901, 322(9/25 Ulmer-LA) @1441 in FF w/xylophone & drum mx, tx by OM w/many ments. of Conakry, sig usually peaks @0100 in eve, 332(10/3 Sharp-FL) @2115 in FF w/vern. tribal chants, clear OM ID, tlk, 333(9/27 Pamularo-NJ)

IVORY COAST
4940 2145 RTVI; FF, hi-life/drum/Afro-jazz mx, world nx, freqs, ID, NA 0000*, 444(9/17 Pamularo-NJ) jazz mx & EE songs, FF tlk & occ. IDs, 353(9/22 D'Angelo-PA)

7215 2325 RTVI; FF w/tent. ID, mx interspersed w/OM tlk, 2353 nx summary, poss. ID, NA 0000*, ARO QRM made copy difficult, // 11920, 322(10/7 Manning-TX) @0614 w/OM ancr & Afro mx, FF tx w/vern. ads, variety of rock/soul/hi-life mx, ID 0630 & into endless vern. speech, 332(9/17 Thompson-CA)

Re the logging last month on 7215 @0400, RTVI does not s/on until 0600, so apparently was an error, typo, or special event--tnx to Sandra Manning for pointing this out-MK

KENYA
49344 0332 VOK; distinct Afro mx hrd here w/tx by OM in unid. lang, sounded like a reference to Nairobi @0341, but no ID so tent., 322(10/2 Sharp-FL) @1743 in EE w/interview, 333(9/28 Constantinides-RSA)

LESOTHO
4800 0407 R. Lesotho; Sesotho tx by OM/YL over choral mx to past 0410, clobbered by OC from R. Lara & a het, 422(10/2 Sharp-FL)

The BBC Relay logging sent in for 9515 @0210, this is via Greenville or Delano relay-MK

LIBERIA
3255 2312 ELBC; EE nx, item on football match in Ivory Coast, ID 2317 as "Liberian Bestg System", 0000*, 322(9/25 Dillaman-OH) @2300 EE w/lcl TC & OM ID as "ELBC", into regional nx, het & TVI, 322(10/2 Sharp-FL)

4765t 0558 ELWA; EE IS *0603 w/choral mx, OM w/probable ID but het & QRM covered it up, 422(9/16 Berri-CA)

17870 1800 VOA Monrovia; EE, ann that 15260 leaving air, nx & cmtry, //15600 & Greenville 15410, 433(10/1 Prath-FL)

LIBYA
17815 2200 R. Jamahiriya; EE, tlk & ID 2205, OM nx, rpt on Libyan support to African state's "struggle for freedom", s/on in AA @2238, 333(9/24 Stanley-AZ)(9/4 Moman-AB)(9/17 Dillaman-OH)(9/22 Gilster-NC)(9/8 Tilley-CO) in AA @0020 w/emotional speech to past 0030, mod good but slight hum, 555(10/4 Sharp-FL) AA @2337, 444(9/18 Ulmer-LA)

17930 2320 SPLAJBC; AA cmtry by OM ancr, 333(9/10 Tilley-CO)

MALI
5995 2251 R. Nat. du Mali; FF, brief OM tx, ment. of Bamako & into apparent relig. hymn sung by OM, bad het, //4783 not hrd, 322(10/2 Sharp-FL)

MAURITANIA
4845 2340 R. Nat. du Mauritanie; AA, slow AA chants, ID at 2357* w/ what sounded like NA at 0000, 322(10/1 Prath-FL) @2240, YL chants & guitar mx to 2245, then OM ID, tx, 444(10/1 Sharp)

MAURITIUS
9709 1057 MBC; FF?, usual pgm of Indian mx to 1120 f/out--OM tx at 1100, but mod too weak to discern lang, 333(10/2 Sharp-FL)

MOROCCO

15335 0059 RTVM; AA, ID, fqy sked, 0100*(9/15 Ulmer-LA)
 25920 1415 VOA Tangiers; RR?, nx by OM w/EE tape of Reagan speech & translation, //25880, 353(10/5 Prath-FL)

MOZAMBIQUE

6025 0603 R. Mocambique; PP w/newscast, 555(10/7 Constantinides-RSA)
 6090 0558 R. Mocambique; vern., ID then nx, 444(10/7 Constantinides)

NAMIBIA

3270 0310 R. SWA; EE, mix of pop & EZL mx, ID @0343, freqs //3295 until 0358 when guitar IS on 3270 to 0400--ID @0359 on 3295 & into diff. EE pgms, 232(9/21 Golab-IL)
 3295 0314 R. SWA; Afrikaans, EZL mx w/some vocals, ID 0330, into FF ballet by OM(do you mean ballad, OM?-MK), lively group song, YL w/another FF ballet, 353(9/17 D'Angelo-PA)

NIGER

5020 0528 ORTN; FF/vern./AA, noted this AM w/NA & opening ancmts by OM @0530, into Koran recitations, irr. lately, 233(10/4 Sharp-FL)

NIGERIA

3326 2350 FRCN Lagos; to 0000 in EE w/nx by YL, //4990, 90 mtrs stronger-surprising! Must have been reactivated(8/30 Barto-CT) too old but included for newsworthiness-MK
 4770 0026 FRCN Kaduna; EE, soft EE vocals, occ. C&W tune, some folk mx("Puff the Magic Dragon"), gov't promo encouraging people to pay taxes, ID & nx summary before s/off 0100, 333(9/16 D'Angelo-PA) bad QRM de Mayak 4765, 533(10/3 Sharp-FL) 433(9/10 Soomre-PA) 353(9/22 Krist-VA) *0400 in EE w/IS, ID, Morning Prayer, chorus, nx, 342(9/7 Bradley-MA) @0530 w/ disco mx pgm, 443(9/25 Talbot-WI) 444(9/20 McKeon-IN)
 4990 2140 FRCN Lagos; EE, heavily accented OM w/church svc, choral mx, ID, folk pgm, 322-3(9/13 Famularo-NJ)
 7255 0740 VON; Hausa, cmtry, buried by ham, 423(9/25 McKeon-IN) @0555 in EE, OM 1 song, then changed to FF, 544(9/25 Gilmore-MA)
 15120 0956 VON; EE w/lcl nx, 444(9/29 Constantinides-RSA) EE nx @1800, 232(9/24 McKeon-IN)

RWANDA

9610 0050 DW Relay; GG w/OM tx, sports items, 333(9/12 Jones-TX)
 The logging rcvd for 21600 @1500 is from FRG; 11965 & 9735 via Kigali at this time slot(EE)-MK

SAO TOME E PRINCIPE

4807 2100 R. Nacional; PP, gong @2100 & partial ID by OM noted w/positive ment. of Sao Tome, some ANO splatter, best afternoon opening to Africa yet! 232(10/4 Sharp-FL)

SENEGAL

4890 0722 ORTS; PP/AA?, discussion of world & lcl nx, ments. of Dakar & Senegal, 444(10/11 Estes-MS) @2251 in FF w/reggae song, then brief OM ID & into hi-life mx, 444(10/1 Sharp-FL)

SEYCHELLES

11845 *0328 FEBA; AA, IS("Oh What a Friend we Have in Jesus"), s/on ID & into tlk by YL, some mx, then OM w/long, long tlk(preaching?), ch in freq from 11865(is new S83 sked-MK), 343(9/11 D'Angelo-PA)
 15200 0400 FEBA; EE, prompt YL ID @0400 followed by drama on Jesus' life, vy poor w/QRN by 0420, 222(10/1 Jones-TX)
 15325 1225 FEBA; EE, nx read by YL, ancd @230 a 45 minute pgm in Af-frican lang, 323(9/23 Muzyka-NY)

SIERRA LEONE

5980 2100 SLBC; EE, nx 2100-2111 then ID & freq, chanting songs to 2123, 232(9/21 Golab-IL) EE nx @2200, ID 2208 "This nx is coming to you from the SLBC in Freetown", 222(9/24 Dillaman-OH) tent. 2241 w/EE tx & pop/lcl mx, bad het & approaching storm kept out ID, 222(10/4 Sharp-FL)

SOMALI REP.

6790 0255 R. Mogadishu; AA?, OC to 0300 s/on w/ment. of Somalia by OM, 121(9/5 Moman-AB) @0320 AA/vern., quick tx by OM w/ment of Chad, Iran, Allah, into lcl mx played on stringed inst.,

slight QRM de unid. SS cland., 434(10/2 Sharp-FL) @0359 w/
Afro flute mx, tlk & possible OM EE ID @0400 w/ment. of
Somalia, 433(9/22 Harvey-PQ)

SOUTH AFRICA

3250 0357 SABC Radio 5; EE/Afr, string of ads, jingle ID "Here we go
with Radio 5", rock mx, ads for Mitchum deodorant, 353(9/
17 D'Angelo-PA) 0335 in EE w/relig. pgm w/unrealistic dia-
logue & organ mx to boot, like US shows but Brit accent,
Chicago IL address given, 232(9/25 Estes-MS)

3930 0416 Capitol Radio/Transkei; EE, Michael Jackson mx, ID, ancd
contest winner, TC, rock mx, ad for Charley perfume, 3+43+
(9/17 D'Angelo-PA) tent. @0510 in EE w/pop mx & wx for RSA
cities by OM, ARO QRM, 323(10/4 Sharp-FL)

4835 2205 SABC; EE, class. mx, TC "9 past midnight", ID & NA, 443(9/
16 Famularo-NJ) @0400 w/ID, tlks on estuaries, use of her-
bicides, 432(9/19 Stanley-AZ) 444(10/2 Drollinger-WI)

4880 0347 SABC; Afr, dove call & music box IS to 0349, then OM ID, NA
cock crow, greetings & into nx, 545(10/4 Sharp-FL)

7150 0930 Capitol Radio/Transkei; EE, OM DJ Long John Berks, ads &
pop mx, 444(9/29 Constantinides-RSA)

9765 0755 Capitol Radio/Transkei; EE, OM DJ Kevin Savage show, tlk on
11/3 referendum, gave tel. 011-726-6000, "Open Light Show",
555(9/28 Constantinides-RSA)

Radio RSA logs cut this month due to space-MK

SUDAN

5039t 0400 R. Omdurman; tent. w/AA OM tx, severe Latin QRM ruined a
chance at IDing, 211(10/6 Sharp-FL)

SWAZILAND

4980 0310 R. Truro(SCR); ??, tx by OM w/lots of Indian mx, some splat-
ter de R. Rumbos playing disco version of "Funkytown" by
Lipps Inc.-yuk!! 333(10/4 Sharp-FL) EE OM/YL ann. @0400 w/
Indian mx, ads, PSA's, 333(9/13 & 14 Cook-CA)

6155 1345 R. Truro(SCR); EE, requests for pen pals pgm, 444(9/27 Con-
stantinides-RSA)

7295 0355 TWR; GG, IS & EE ID then into GG @0400, 433(9/20 McKeon-IN)

TANZANIA

5050 0352 R. Tanzania; Swahili, lcl chants & mx w/occ. OM tx, QSL rcvd
says using Quadrant antenna & 10 kW, 332(10/2 Sharp-FL)
tent. @0547 in FF, hi-life mx & rock, OM ancr, bell IS 0600,
into OM w/tx & Afro mx, no ID hrd-rats! 343(10/2 Thompson-
CA) Peggy, are you sure of the FF? If so, could freq be
5047? Format sounds like Togo to me incl. chimes on hr-MK

9685 1241 R. Tanzania; ??, per SPEEDXgram tip, hrd discussion btwn 2
OM, hi-life mx, pos. YL ID 1253, Swahili svc? 333(10/3
Sharp-FL)

TOGO

3222 *0525 R. Kara; FF, IS to 0528 NA & ID "Ici Kara..Rdf du Togo" &
into nice lcl "riddims", but slowly losing to noise, fr-gd
(9/25 Sheedy-CA)

5047 *0530 RT; FF, chime IS, ID "...la Voix de la Nouvelle Marche",
NA?, OM tx w/poss. nx, mx/tlk to 0602 t/out, 242(9/9 Brad-
ley-MA) 222(9/16 Hotaling-NV) 242(9/17 Thompson-CA) @2342
FF w/pgm of soft slow mx, TC/ID, hr chime, nx, NA 0004, OC
off 0005, 422(9/9 Ulmer-LA) @2200 w/nx, 333(10/2 Sharp-FL)

TUNISIA

7225 0420 RTVT; AA w/prayer recitations, 422(9/9 Tilley-CO) @0520
tent. in AA w/lcl mx, Koran recit., cmtry, 444(9/21 McKeon)

11745 1859 RTVT; AA, anthem @1901, YL w/ID & freqs, sked, 322(9/25
Lipman-NY) @2120 AA w/Koran recit. to 2122, then ID & sked
by OM, into NA to 2126*, 545(10/1 Sharp-FL)

UPPER VOLTA

4814 0529 RTVV; FF, distinct balafon IS, military band NA to 0530, OM
FF and/or vern. ID, gone by 0545, fr(9/19 Sharp-FL)

ZAMBIA

4911 0343 ZBS; vern., fisheagle IS to 0346, then NA & ID by muffled
OM--recheck on 10/3 @0347 revealed this one w/nice sig: ob-
viously the sked for Zambia in WRTH Newsletter wrong as 4911

7230 1335 still in use; 323(9/18 Sharp-FL)
ZBS; vern. w/mx, 444(9/27 Constantinides-RSA) Are you sure
of freq, OM? Sked shows 7220 & 7250 41 mb at this time-MK

CLANDESTINE
9027 0400

R. Vatan(Egypt); indescript Farsi OM tx, carrier seemed to
be undermod. which reminds me of R. Cairo xmtr, 423(10/4
Sharp-FL)

UNIDENTIFIED
5004 2240

FF, excited OM, crowd noises & group song, AA recitations--
Garoua off frequency? fr to poor(9/23 Famuloro-NJ) Bata was
here in the past but past s/off & FF doesn't fit-MK
14430 1935 Harmonic? FF, mx, YL anc, hi-voiced singing, 1940 OM/YL
tlks in FF, whistling tune @1941; checked 11920 for // as
expected 2 X 7215 Ivory Coast, but none found--however,
WRTH shows EE 1830-2000 so?? Still in at 2151, noted off by
2302 recheck, faint(9/4 Moman-AB)

News from WBI via BBC Monitoring Service

Djibouti: A recent 2 week survey of 4780 shows that Radio Djibouti has
pgms in Somali as follows--

0300-0302 Opening announcements
0302-0325 Holy Koran
0325-0345 Music
0345-0400 News
0400-0429 Music
0429-0430 News headlines and closing announcements

The use of 4780 for other language services has not been noted during the
current survey(9/22). Also noted 1600-1730.

Lesotho: R. Lesotho and 9/15 it had introduced an hour-long nx magazine
pgm in EE starting at 0430; it provided background to the nx, brief inter-
views and some light mx. A similar pgm in Sesotho would begin within a
week; this effort was being made to ensure that the Basotho people did not
rely on RSA radio for international nx.(assume on both MW & SW-MK)

Mauritania: During the past month, Mauritanian Radio's 4-MHz channel has
been found on occasions on 4820 kHz approximately instead of 4845(9/29).

Sudan: The General Pgm of the Bcstng Svc of the Dem. Rep. of the Sudan
was heard signing on at 0400 on 9/5 on 5039 kHz. The opening ancmt said
that it would be on the air until 2200 on 5029(sic), 1295, and 576 kHz.,
as well as on 90.9 MHz.

Zambia: The "Voice of Namibia" program of SWAPO announces that it broad-
casts over the external service of Radio Zambia for listeners in Central
and Southern Africa, as follows--

1130-1230(Su.) 11880 kHz.(unconfirmed)
1830-1930 9505 kHz.

"Voice of the Broad Masses of Eritrea": This station which bcst's in sup-
port of the Eritrea Popular Liberation Front was heard 1430-1630 on 9/5 on
14334, 9935, 7421, 6233, and 3717 kHz; these freqs were and as 14.34,
9.95, 7.45, 6.25, and 3.76 MHz.

"Voice of Mozambique National Resistance": This stn continues to be ob-
served at 0400-0500 and 1700-1800 daily on 4764. On 9/8, the station in-
vited listeners to write to the following address--

Apartado 169, 2752 Cascals, Portugal.

"Radio Truth": Both the 0400-0430 and 1700-1730 bcsts from this station,
hostile to the Zimbabwe gov't, continue to be observed on 5015 kHz. Pgms
are generally in EE, with occ. items in Shona and Ndebele during the 1700
xmn(9/22). ***From David Sharp: ".by taking my beam heading(using a
highly directional 3 element beam-MK) and feeding the info into an IBM,
I think it seems probable that R. Truth is broadcasting from a region
near Zimbabwe(i.e. eastern Botswana, northern South Africa, or southern
Zambia."

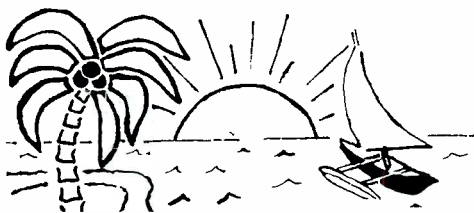
I've found the UNICEF wall calendar to be an excellent source of info
on national, religious, and family holidays of all kinds throughout the
world--important indicators of possible extended xmn times or special pgm
features. The 1984 edition(cat. #5005) is available for \$3 plus \$1.75
postage from US Committee for UNICEF--Greeting Cards, P.O. Box 5050, Grand
Central Station, New York, NY 10163. 73s & Happy Thanksgiving, Mark

ASIA-OCEANIA

EDITOR:

TERRY LINDLEY
Rt. 15 Box 1098
Birmingham, AL 35224

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



Welcome to Novembers Asia/Oceania section. This is my 36th column and it is about time to let someone else have it for a while. Due to time restrictions it's become necessary for me to give up the column. Many of you know that I own & operate a small business here in Birmingham, and it is taking more and more of my time.

A P G H A N I S T A N	R. Afghanistan
15077 1815	RA: DA-OM w/talks & mentions of Afg.(222 9/1 Harvey-QUE)
B U R M A	Burma Bcst Ser
4725 1100	BM-News pgm ?, short piana tune, & ID.(9/25 Barto-CT)
C H I N A	R. Beijing
2310 1327	Yunnan: CC?-Faint mx & talks in Oriental lang.(Moman-ALF)
2475 1325	Zhejiang: CC?-Faint talk in Oriental lang.(232 6/9 Moman-ALF)
3940 1347	Hubei: CC-EE lang course, mx pgm, OM w/ID(343 9/18 Yoneda-Japan)
3960 1030	RB: JJ-Thought I'd take a quick chek for the Falklands on 3958 and found RB very strong.(9/4 Barto-CT)
4915 0952	Guangxi: CC-Folk mx pgm, YL w/talks.(232 9/10 Yoneda-Japan)
4925 0854	Heilongjiang: CC/KO-Mx pgm, YL w/ID.(444 9/10 Yoneda-Japan)
5030 1700	R. Beijing: EE-IS, ID, YL w/nx & cmtry.(333 Kosugida-Japan)
5240 0958	Fujian Front: CC-1S, ID, mx pgm, OM-YL w/talks.(544 9/16 Yoneda-Japan)
5265 1056	Fujian Front: CC-Instru mx pgm, YL w/ID& Cmtry.(9/25 Barto CT)
5935 1155	Xizang: CC-Folk mx pgm, OM w/ID.(443 9/17 Yoneda-Japan)
5950 1510	Heilongiang: CC-Pgm of Chinese instru mx.(434 9/10 Berri-CA)
6765 1040	Fujian Front: CC-YL w/talks, mx pgm, ID.(444 9/15 Berri-CA)
7105 1210	Nei Menggu: CC-Relay of the Central Peoples Bcst Ser. YL w/the ID.(444 9/17 Yoneda-Japan)
7440 1102	OM & YL w/possible nx pgm, concert mx.(322 9/23 Hotaling-NV)
7524 1210	R. October Storm: CC-OM w/talks, occasional tx breaks.(322 10/1 Sharp-FL)
15930 1310	CPBS-2: CC-OM & YL w/talks.(333 9/12 Famularo-NJ)
15385 0000	RB: EE-1S, ID, OM w/Asian & wld nx.(342 9/28 Stanley-AZ)(Klasek-MO)(Krist-VA)(Gilster-NC)
15520 0030	RF: EE-Chinese mx pgm, Listeners Letterbox.(444 9/26 McDowell-IL)(Stanley-AZ)(Blanchette-FL)(Gammie-WI)
15710 0415	RF: CC-OM w/talks & mx pgm.(222 9/12 Berri-CA)(Famularo-NJ)
17680 0245	RB: SS/EE-Mx pgm, YL w/cmtry & ID.(333 9/9 Tilley-CO)(BeilkeOMO)(Sharpe-CA)(Stanley-AZ)
17855 0044	RF: EE/CC-Chinese lang lessons, sked for N. Amer.(444 9/8 Chickerell-WV)(Spremo-NY)
I N D I A	All India Radio
3345 0530	AIR: EE-Nx pgm, sharing freq with another station.(222 Keenan-CA)
4800t 1412	AIR: HI-First logging of the fall season for AIR regionals Noted OM in Hindu.(232 9/6 Moman-ALF)
11620 2050	AIR: EE-ID, Indian mx pgm.(433 9/16 Muzyka)(Gilster-NC)
11800 1200	AIR: ??-Pgm of Indian mx. Could not discern lang due to poor modulation.(334 9/30 Sharp-FL)

I N D O N E S I A

4790 1145 RRI Pak: II-Indo instru mx, ID.(fair 9/23 Parks-FL)
 4000 1420 RRI Kendari: IN-Pop mx non-stop.(no name)
 4607 1130 RRI Serui: IN-50s rock mx, ID by OM.(fair 9/22 Parks-FL)
 4875 1130 RRI Sorong: In-Arab pop mx pgm, & ID.(fair 9/16 Parks-FL)
 11770 1526 RRI Jakarta: IN-YL w/pop mx pgm, listeners letters.(good 9
 9/22 Sharpe-CA)
 11790 1500 VOI: EE-ID, sked, OM w/nx pgm.(333 9/25 Stanley-AZ)(Berri-

I R A N

9022 1930 VOIRI: EE-YL w/rel message & nx.(423 9/25 Gilmore-MA)
 (Bradley-MA)(Karns-OK)(Hull-WA)
 9025 2317 VOIRI: AA-Cmtry on Iran & Iraq.(242 9/21 Draye-Saudi Arabia

I R A Q

R.Baghdad
 9610 2155 RB: EE-Mx Pgm,Yl reads listener letters.(323 9/30 D'Angelo
 Pa)
 9745 2100 RB: EE-Nx pgm, & ID.(333 9/30 Karns-OK)(Muzyka-NY)

I S R A E L

7410 0120 Kol Israel
 KI: EE-Pgm on pilgrimage to Mauritius.(545 10/3 Cadorette-
 MA)(Karns-OK)(McDowell-IL)
 9815 0200 KI: EE-OM w/ ID, & pgm of wld nx.(223 9/18 Addison-KS)(
 (Black-NH)(Bingham-MA)(Fraser-MA)(McDowell-IL)(Stanley-AZ)
 11588 1800 KI: EE-Nx pgm & sign/off.(454 9/2 Spremo-NY)
 11590 1801 KI: EE-OM w/nx pgm, & s/off.(353 Spremo-NY)
 11655 2009 KI: EE-OM w/stock report, ID, skeds.(454 9/24 Bingham-MA)
 (Gilmore-MA)(Moman-ALB)(Talbot-ALB)(Krist-VA)(Gilster-NC)
 (Robinson-TN)(Stanley-AZ)
 12025 0500 KI: EE-IS, ID, YL w/wld nx pgm.(322 9/23 Stanley-AZ)(
 (Klasek-MO)
 15585 2000 KI: EE-ID, YL w/nx pgm.(433 9/8 Tilley-CA)(Stanley-AZ)
 25605 1340 KI: HB-Pop mx pgm// 15615.(252 10/5 Prath-FL)

J A P A N

R.Japan
 3910 1200 Far East Network: EE-Nx pgm, ID, rock mx pgm.(433 9/8
 Heller-WA)(Barto-CT)
 3925 1000 NSB: OM w/talks, & instru mx.(9/28 Barto-CT)
 9505 1700 RJ: EE-Nx pgm, ID, OM annccr.(454 9/10 Heller-WA)(Sharpe-
 CA)(Stanley-AZ)(
 9595 1055 NSB: JJ-Mx pgm, JJ talks, classical mx.(222 9/9 Blanchette
 FL)
 11800 1300 RJ: EE-Nx about Korean jetliner.(333 9/5 Talbot-WI)
 15195 0130 RJ: EE-IS, ID, wld nx, OM&YL w/DX Corner.(344 9/19 Stanley
 AZ)(
 15235 2130 RJ: EE-OM w/ID & lang lessons.(334 9/19 Addison-KS)(Zilmer
 15300 2345 RJ: EE-OM w/ID ≠ Current Affairs pgm.(353 9/20 Krist-VA)
 (Cox-CA)
 17755 2324 RJ: EE-OM w/wld nx, ID.(444 9/13 Brewer-AR) (Lord-CA)
 (Stanley-AZ)(Beilke-MO)(Addison-KS)
 17810 0100 RJ: EE-IS, ID, OM w/nx & cmtry.(333 9/21 Stanley-AZ)
 17825 0150 RJ: EE-"Current Tpoics" pgm w/talk on opportunities for
 college graduates.(433 9/14 Hesch-CA) Ruth is temporarily
 in CA. We hope you have a safe trip Ruth.
 (McDowell-IL)(Stanley-AZ)(Spremo-NY)
 21610 0130 RJ: EE-IS, ID, Cmtry. "Japan Scene"(354 9/14 Stanley-AZ)(
 (Hesch-CA)
 21640 0130 RJ: EE-IS, ID, wld nx, "Lets Talk Japanese"(343 9/21 Stanley
 AZ)

K O R E A (north)

R.Pyongyang
 6540 1050 RP: JJ-OM w/talks & classical mx pgm.(444 9/15 Berri-CA)
 9745 1100 RP: EE-Nx, cmtry, & propaganda.(343 10/1 Zilmer-NM)
 9977 1110 RP: EE-Anti US cmtry, mx pgm.(342 10/2 Raymond-MA)(
 (D'Angelo-PA)(Spremo-NY)
 11350 1231 RP: ??-OM & YL w/talks, & classical mx.(322 10/2 Harvey-QUE
 15230 0030 RP: EE-Another wonderful story about the great leaper. (444
 9/11 Heller-WA) A leaper? I can only imagine a pole
 vaulter, or a broad jumper. Did any of you see the sports
 news item on the man who jumped 30+ feet? If you don't think
 thats a long way then just measure off 30 feet and take a
 good look at it.tml

K o r e a (continued)
15230 2300 RP: EE-IS, ID, sked, YL w/talk on speech by Kim Il Sung.
(344 9/18 Stanley-AZ)

K O R E A (South)
9750 1400 R.Korea: EE-OM w/ nx pgm & cmtry.(333 9/23 Cox-CA)(Berri-
CA)(Stanley-AZ)
11810 0500 RK: EE-Nx pgm, cmtry on downed aircraft.(good 9/14 Sharpe-
CA)(Lord-CA)(Stanley-AZ)
15545 0200 RK: EE-OM w/nx pgm, cmtry, & mx.(323 9/14 Sable-NY)
15575 1403 RK: EE-Nx pgm, talk on flight 007, ID.(423 9/30 Drollinger
-WI)(Robinson-TN)(Stanley-AZ)

K U W A I T R.Kuwait
9750 1110 RK: AA-Arabic singer w/a song.(454 9/22 Draye-Saudi Arabia
11675 1810 RK: EE-YL w/ID & freqs-skeds.(343 9/4 Moman-ALB)(Kosugida-
Japan)(Sable-NY)(Bingham-MA)(Spremo-NY)

L E B A N O N
6215 2245 Voice of Hope: EE-Rel mx pgm & talks, ID.(9/22 Smallwood-
Germany)
6550 0410 Voice of Lebanon: AA-IS, OM w/ID, & nx pgm.(fair 9/28
Parks-FL)(Smallwood-Germany)

M A L A Y S I A R.Malaysia
4950 1344 RM: EE-Island mx, YL w/ID.(343 9/23 Talbot-ALB)(Sharpe-CA)
9515 1405 RM: MA-YL & OM w/talks, ID.(333 9/8 Kosugida-Japan)

M O N G O L I A R.Ulan Bator
12070 1205 RUB: EE-OM & YL w/mx & nx pgms, ID.(352 9/23 Muzyka-NY)
(Lipman-NY)(D'Angelo-PA)

Q M A N BBC
7160 0324 BBC: EE-Cmtry on Lebanon & Israel, ID.(434 8/31 Gayle Van
Horn-TX)

P A K I S T A N R.Pakistan
5096 1422 RP: DA-Best on USB to get away from CW.(343 9/6 Moman-ALB)
5980 1109 RP: EE-YL w/nx pgm, ID.(poor 9/26 Parks-FL)
6130 1217 RP: EE-YL w/talks & ID, mx pgm.(343 9/25 Sharp-CA)
15505 1700 RP: EE-YL w/pgm of nx.(322 9/25 Talbot-WI)
15565 1600 RP: EE-ID, nx read slowly.(353 9/23 Muzyka-NY)
21800 1210 RP: EE-Slow speed nx.(242 9/10 Soomre-MA)

P H I L I P P I N E S
9670 1530 R.Veritas Asia: EE-YL w/freq & sked, IS.(9/22 Smallwood-
Germany)
15425 1403 VOA: EE-Wld nx pgm, cmtry on E.Europe.(443 10/2 Famularo-NJ)

Q A T A R Qatar Broadcasting Service
17910 1658 QBS: AA-Arab vocal mx, & OM w/nx pgm.(454 9/25 Sharp-FL)

S A U D I A R A B I A BSKSA
15060 1630 BSKSA: AA-OM w/talks, & mx pgm.(343 9/25 Ulmer-LA)

S I N G A P O R E
6065 1205 BBC: EE-Pgm on Adrian Mitchell poetry.(343 9/10 Jones-TX)
6195 1511 BBC: EE-"R.Newsreel" w/detailed nx on Lebanon.(453 9/26
Thompson-CA)
11750 1648 BBC: EE-the "Letter to Allister Cook" pgm.(333 9/26 Soomre
-MA)
11940 1202 R.Singapore: EE-YL w/nx pgm, mx, ads.(343 9/17 Grijalva-NM)

S R I L A N K A SLBC
11835 1055 SLBC: EE-Mx pgm, ID.(323 Harvey-UE)(Sharp-FL)
15120 1042 SLBC: EE-Native songs, ID, & nx.(343 9/25 Tanaka-Japan)
15425 0118 SLBC: EE-Mx pgm, "Back to the Bible" pgm.(232 9/8 Spremo-NY)

T H A I L A N D
9650 1354 R.Thailand: JJ-IS, ID, nx pgm, & mx.(333 9/11 Yoneda-Japan)

T A I W A N Voice of Free China
 15270 2200 VOFC: EE-Journey into culture.(353 10/2 Zilmer-NM)
 15345 0300 VOFC: EE-IS, ID, freqs, OM w/nx.(332 9/27 Stanley-AZ)
 17800 0320 VOFC: EE-ID, pgm on intl womens club.(233 9/12 Beilke-MO)
 (Stanley-AZ)

T U R K E Y
 9515 2200 Voice of Turkey: EE-Nx pgm, talk on Turkish food.(333 9/27
 Chicherell-WV)(Prath-FL)
 11755 2200 VOT: EE-ID, freqs, wld nx pgm.(433 9/29 Famularo-NJ)
 (Fingham-MA)(Spremo-NY)
 15220 1545 VOT: TE-Talks & mx pgm, ID, IS.(444 10/2 Prath-FL)
 15755 0300 VOT: EE-Station time & freq, nx pgm.(444 9/2 Jones-TX)

U N I T E D A R A B E M I R A T E S UAE Radio
 15300 1620 UAE: EE-Nx pgm, YL w/ID.(342 9/10 Heller-WA)(Gilmore-MA)
 15435 0330 UAE: EE-Nx pgm by YL, ID & talks.(444 9/11 Tilley-CO)
 21655 1630 UAE: EE-Mx, freqs, & nx pgm.(353 9/2 Spremo-NY)(ZilmerNM)

V I E T N A M Voice of Vietnam
 9840 1100 VOV: EE-S/on & nx pgm.(352 Spremo-NY)
 15010 2050 VOV: EE/FF-Oriental mx pgm, IS, ID.(333 9/9 Lipman-NY)
 (Krist-VA)(Famularo-NJ)(Grijalva-AZ)
 15012 1341 VOV: EE-Talk on hospital built in a small town.(344 9/30
 Drollinger-WI)

Y E M E N A R A B R E P U B L I C
 4853 0300 R.San'a: AA-IS, OM w/ID & several mentions of San'a.(232
 9/24 Sharp-FL)
 9780 0400 RS: AA-YL w/mx pgm, & ID.(322 9/24 Woloch-PQ)

Y E M E N D E M O R E P U B L I C
 6005 0329 DYBS: AA-Arabic mx pgm, OM w/talks.(333 9/31 Sharp-FL)

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

A U S T R A L I A
 4920 1354 VLM4: EE-ID as Radio 1 & 3, nx pgm.(343 9/21 Talbot-ALB)
 5995 1329 R.Australia: EE-An Australian banking report.(444 Gayle
 Van Horn-TX)(Berri-CA)
 6035 1610 RA: EE-Stock market report, ID, pop mx.(433 9/23 Talbot-
 ALB)(Smallwood-Germany)
 6060 1600 RA: EE-ID, OM w/wld nx.(343 9/25 Stanley-AZ)
 7205 1230 RA: EE-OM & YL w/nx pgm.(322 9/14 Hotaling-NV)(Famularo-
 NJ)(Chickerell-WV)
 9580 1230 RA: Australia Tonight w/nx, sports, mx.(555 9/23 Klosowski
 FL)(Krist-VA)(Cadorette-MA)(Bradley-MA)(Cox-CA)(Black-NH)
 9610 1030 ABC: EE-Details of race.(333 9/22 Blanchette-FL)(Chickerell
 -WV)(Soomre-MA)(Spremo-NY)(Drollinger-WI)
 11800 1115 RA: EE-Editorial on Paupa New Guinea.(343 10/1 Zilmer-NM)
 15115 0400 RA: EE-IS, ID, freqs, wld nx pgm.(344 9/23 Stanley-AZ)
 (Blanchette-FL)
 15120 0130 RA: ??-Heard IS & waltzing Matilda.(322 9/24 Harvey-GUE)
 15160 0612 RA: EE-Classical & pop mx pgm, & ID.(242 9/10 Beilke-MO)
 (Keenan-CA)
 15320 0200 RA: EE-IS, ID, OM w/wld nx.(333 9/21 Stanley-AZ)(Beilke-MO)
 17795 0055 RA: EE-Mx pgm, ID, wld nx pgm.(433 9/21 Talbot-ALB)(Tilley
 -CO)(Gayle Van Horn-TX)(Keenan-CA)(Stanley-AZ)(Beilke-MO)
 21720 1016 RA: EE-Western pop mx pgm.(433 9/23 Tanaka-Japan)

C O O K I S L A N D S
 11760 0802 R.Cook Islands: EE-Nx from RA, pop mx.(222 10/3 Brenesal
 -FL)(Moman-ALB)

G U A M
 9510 1330 KTWR: EE-"Hour of Freedom" pgm w/the reverend Howard Jones
 (333 9/26 Soomre-MA)(Draye-Saudi-Arabia)
 17705 2158 KTWR: IN-IS, ID, all by OM.(332 10/2 Ulmer-LA)(Zilmer-NM)

N E W C A L E D O N I A R.Noumea
 7170 1057 RN: FF-YL w/possible weather, ID.(Moman-ALP)(333 Jones-TX)
 (444 sharp-FL)

NEW ZEALAND R.New Zealand
 15485 0505 RNZ: EE-Talk on the history of sacred writings.(222 10/2
 Hevern SJ-NY) (Lipman-NY)
 17705 0422 RNZ: EE-Pgm of opera mx.(233 9/4 Moman-ALB)(Beilke-MO)
 (242 Stanley-AZ)

PAPUA NEW GUINEA
 2340 1328 R.West New Britain: PD-"New Kid In Town" OM w/ID.(232
 Moman-ALB)
 3205 1145 R.West Sepik: PD-Light mx pgm by YL.(342 10/1 Sharp-FL)
 3275 1034 R.Southern Highlands: PD-Vocal mx sel.(Barto-CT)
 3335 1130 R.East Sepik: PD/EE-Mx pgm, slight splatter from CHU.(333
 10/1 Sharp-FL)
 3385 1217 R.East New Britain: PD/EE-Island mx, EE ID.(333 Gayle Van
 Horn-TX)(Moman-ALB)(Barto-CT)
 3905 1015 R.New Ireland: PD/EE-Choral mx pgm, OM w/talks & ID.(9/28
 Barto-CT)
 4890 1120 NBC: EE-Pop mx pgm, emergency message to airport employees
 to come in and service 2 late planes carrying fuel for the
 island.(333 9/14 Golab-IL)(Moman-ALB)(Gayle Van Horn-TX)
 (Sharp-FL)(D'Angelo-PA)

MARIANNA ISLANDS
 9670 1658 KYOI: EE-Ad for Seiko, OM w/ID & rock mx.(Smallwood-Germany
 (Moman-ALB)(Talbot-WI)
 11900 1430 KYOI: EE/JJ-Japan top 30 mx, ID.(344 10/1 Dillaman-OH)
 (D'Angelo-PA)(Spremo-NY)(Chickerell-WV)(Spremo-NY)(Talbot-
 ALB)(Blanchette-FL)(Heller-WA)(Gayle Van Horn-TX)(Raymond-
 MA)
 15190 0522 KYOI: EE/JJ-Rock mx pgm & ID.(232 9/22 Talbot-ALB)
 15405 2202 KYOI: EE-Mx pgm, signal breaks up.(252 9/3 Draye-Saudi Ara)

SOCIETY ISLANDS
 9750 0630 R.Tahiti: FF/TH-Island mx, HCJE QRM.(333 10/2 Thompson-CA)
 11825 0520 RT: TH-Polynesian mx, choral group.(444 9/19 Lord-CA)
 (McKeon-IN)(Lipman-NY)(Tilley-CO)
 15170 0436 RT: TH-Island mx w/YL singing.(434 9/6 Worob-TX)(Lipman-NY)
 (Cadorette-MA)(Klasek-MO)(Stone-ONT)(Gayle Van Horn-TX)
 (Keenan-CA)

SOLOMON ISLANDS
 5020 1056 SIBC: EE-Mx pgm, YL w/ID.(222 9/13 Lipman-NY)
 9545 0702 SIBC: EE-Rock mx, OM w/ads.(444 9/17 Thompson-CA)(Keenan-CA)

VANUATU R.Vanuatu
 3945 1047 RV: FF-Pop mx selections, instru mx pgm, & YL w/talks.(9/6
 Barto-CT)
 7260 1053 RV: FF-"Feeling Groovy" concert mx, ID.(222 9/16 Brenesal-
 FL)

UNIDENTIFIED
 3994 1040 Several annc by a YL. Could'nt determine lang. Very weak.
 (9/28 Barto-CT)

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

Vietnam: Here is an interesting list of regionals. No times.

Hanoi City Service	7998 6450	Pac Thai	6620
Cao Bang	6520	Gia Lai	4700
Ha Tuyen	4820	Hoang Lien Son	6625 5602
Lai Chau	6570	Lang Son	6510
Son La	6323 4770	Quang Ninh	4703

Yes, it's true I am giving up the column. Unless something drastic happens though you will not miss the Asia/Oceania column, because I will not quit until a replacement editor is found. I do not like to see a missing column in Speedx so it will not happen because of me.

This may be my last column or I may do 1 or 2 more. In any event I appreciate all the support over the last 3 years.

73 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

Hi folks! Well, your editor has indeed moved. I'm now residing in the town of Wilmington, which is about 10 miles to the northwest of Malden where I resided for 6 long years. Just put up a 110 foot long wire out in the backyard so I'm ready for that DX. It's nice to have an outside antenna again!

By the time you read this, we'll be starting the D83 period which runs from the first Sunday in November to the first Sunday in March and is commonly called the winter broadcasting period. Times are in Coordinated Universal Time (UTC) and unless otherwise stated, skeds are for English language broadcasts. Material credited to the BBC MS is copywrited and used by permission of the World Broadcast Information Division of the BBC Monitoring Service

ATTENTION ARTISTS

It's time for a change. In what you ask? A new masthead for the STATION SKEDS column. Please keep your drawings about 7½ x 2½ in size. The winner will receive a special prize. Ye Ed and his wife will the judges. Start drawing, OK?

ALASKA. KNLS in Anchor Point sends long this D83 schedule.
 0700-1200 6170 Russian
 1200-1500 6170 Chinese
 1500-1730 6170 Russian
 1730-2000 6185 Russian
 (S. Kosugida)

AUSTRIA; CONTINUED.

1830-1900 15560 South Africa/ME
 17775 East Africa
 2130-2200 5945 Europe/N. Africa
 7205 East Asia
 9655 "
 11665 South America
 (P. Card, W. Muzyka, E. Soomre)

AUSTRIA. The ORF in Vienna sends along the S83 sked for the Austrian Radio.

0130-0200 5945 ECNA
 9770 "
 0330-0400 5945 "
 9770 "
 0430-0500 5945 WCNA
 9770 "
 0830-0900 6155 Europe
 15270 Australasia
 15410 Middle East
 17740 Australasia
 1030-1100 15415 Australasia
 17725 "
 1230-1300 6155 Europe/N. Africa
 9770 "
 17860 ECNA
 1330-1400 15290 East Asia
 1500-1530 6155 Europe/N. Africa
 11825 South/SE Asia
 12015 Southwest Europe
 15230 South SE Asia
 1830-1900 6155 Europe/N. Africa

BELGIUM. The BRT (Belgische Radio en Televisie in Brussels sent this sked valid from November 6th to December 31. The North American Service.

0030-0115 5910 North America
 9880 South America
 (L. Chickerell, T. Klasek)

CHINA(Taiwan): The Voice Of Free China in Taipei has published this schedule which remains in effect until March 31st, 1984.

0100-0200* 5985 North America
 0100-0200 11825 "
 15345 "
 17890 Australia/NZ
 0200-0300* 11740 Latin America
 0300-0350 11745 North America
 11825 "
 15345 "
 17890 Australia/NZ
 0510-0610* 5985 North America
 1030-1040+ 5980 Southeast Asia
 1100-1200+ 5980 "

CHINA: CONTINUED.

1500-1530+	5980	Southeast Asia
2030-2130	9610	Africa, ME, Europe
	9765	" " "
	11725	" " "
	11860	" " "
	15225	" " "
2140-2240	11825	North America
	15270	"
	15345	"
	17890	Australia/NZ

* via WYFR in Florida

+ via the Voice Of Asia, Kaohsiung (actually the Voice Of Asia is part of the VOFC.

(B. Robinson)

BULGARIA. Oops, out of order! Radio Sofia issued their new sked on September 4th. Broadcasts are beamed to Europe and North America. They no longer differentiate between the two.

0000-0100	9700, 15110
0400-0500	11750
0730-0800	11720, 15110
1930-2000	9700, 15110
2130-2200	9700, 11750, 11850
2230-2330	9700, 15110

(J. Freeman)

FRANCE. Radio France International in Paris. Here's the S83 schedule.

0415-0430	7135, 9550, 9790, 11705, 11735, 11875
0445-0500	same as above
1600-1700	15300, 15315, 17620, 17795, 21580, 21620, 21685

(J. Talbot)

GREECE. The ERT (Greek Radio and Television) in Athens. The S83 sked valid until November 6th. North American Service in both Greek and English.

0000-0150	9420, 9865, 12085
0200-0350	9420, 9865, 12085
1200-1250	9460, 11645, 15630
1500-1550	9460, 11645, 15630

Note: On Tuesday 9460 and 15630 are off the air at 1500-1550.
(R. Adams)

ITALY. RAI in Rome. This sked is valid until the 1st of November.

0100-0120	9575	North America
	11800	"
0350-0410	11905	South Asia
	15330	"
	17795	"
0425-0440	5990	Mediterranean
	7275	"
1935-1955	7275	Great Britain
	9710	"
	11800	"

ITALY:CONTINUED.

2025-2045	7235	Near East
	9575	"
	11800	"
2200-2225	5990	Japan
	9710	"
	11800	"

(D. Claytor, F. Gonzalez)

KUWAIT. Radio Kuwait. This sked is valid until New Year's Day.

0500-0800	15345	East, Southeast Asia
1800-2100	11675	Europe, North America

(M. Witte)

NEW ZEALAND. Radio New Zealand.

The sked is valid until Halloween. (trick or treat!)

0515-1215	9620	Australia/NW Pacific
	11960	Pacific
1800-2100	15485	"
1800-0500	17705	"
2115-0500	15485	Australia/NW Pacific

(J. Freeman)

NORWAY. Radio Norway in Oslo. The D83 sked just received.

"Norway Today" on Sundays (*=GMT Mondays)

0000-0030*	6085	ECNA, Central Amer.
	7210	South Asia, Australia
	9590	Europe, Africa, Brazil
	9610	ECNA
0400-0430*	6015	ECNA, Central America
	9590	ME, East Africa
	9610	" "
	9705	Western North Amer.
0500-0530*	9590	Europe
	9615	North Pacific
	11860	ME, East/S. Africa
	15180	ME, East Africa
1000-1030	6015	North Europe
	17860	S. Asia, Australia/NZ
	21730	Far East, NZ
	25615	South Asia, Australia
1300-1330	9590	West Europe & Africa
	21700	S. Asia, W. Australia
	25730	Mediterr., Africa
	25615	ECNA, Central America
1400-1430	6015	North Europe
	15345	S. Asia, Australia
	17710	North America
	17860	Middle East, India
1600-1630	6015	North Europe
	15165	ME, East Africa
	15180	WCNA
	21700	Mediterr., Africa
1700-1730	9590	"
	11860	WCNA
	15165	West Europe & Africa
	15175	Middle East, Africa
1900-1930	9590	Europe
	9525	North Pacific
	7210	New Zealand
	15175	Mediterr., Africa

NORWAY: CONTINUED.

2000-2030 9525 Pacific, NZ
 9590 Europe
 9610 Central S. Amer.
 11870 Europe, Africa, SA
 2200-2230 9590 Europe
 7210 Australia
 9525 Australia
 9610 Far East, Aust/NZ

(direct)

PORTUGAL. Radio Renascenca in Lisbon owned by the Catholic church.

All broadcasts are in Portuguese.

0945-1230 9575 Europe
 1355-1800 9680 "
 1800-2030 9680 "
 2330-0130 11730 Brazil
 (BBC MS)

TURKEY. The Voice Of Turkey

(This station reminds me of Thanksgiving. I wonder why.)

Sked as given on the air
 29th September to SPEEDXer Larry Chickerell.

0300-0350 9670 Southeast Asia
 11755 North America
 2200-2250 9515 Western Europe
 9610 Middle East
 9735 or 55 N. America
 11765 Southeast Asia
 11755 North America

(L. Chickerell)

UNITED ARAB EMIRATES. UAE Radio in Dubai. This is their Autumn/Winter schedule.

0330-0400 11730 India, Pakistan
 15435 North America
 17775 "
 0530-0600 17775 Far East, Australia
 17830 Far East, Japan
 21700 " Austral.
 1030-1100 17775 Europe, N. Africa
 21655 "
 21695 "
 1600-1630 15300 "
 15320 "
 21655 "

(T. McKeon, J. Talbot)

UNITED NATIONS. UN Radio via VOA transmitters. Sked dated Sept. 25th.

0215-0230 6190* Africa Tues-Sat.
 15435* " "
 0545-0600 11740 " "
 15105 " "
 0710-0715 9565 various "
 11875 " "
 15195+ " "
 17815+ " "

UN RADIO: CONTINUED.

0815-0830 11740 Africa Tues-Sat.
 15120 " "
 15235* " "
 17860* " "
 1015-1030 9565 Asia "
 15250¢ " "
 1830-1840 15120 Eur-Af Mon-Friday
 15360+ " "
 21710 " "
 1930-2000 15120 " "
 15330¢ " "
 15360+ " "
 21710 " "
 2100-2145 15120 Caribb. "
 17730 " "

* = via Monrovia, Liberia

+ = via Tangier, Morocco

¢ = via Poro/Tinang, Philippines (R. Stein)

USA. WYFR with transmitters in Florida. Schedule for the D83 period.

0000-0100 6065 Canada
 9715 Americas
 0100-0400 9715 "
 6065 Canada
 0400-0800 6065 "
 0600-0800 6015 Europe/Africa
 7355 "
 9680 "
 9815 "
 1300-1400 9535 Canada
 1300-1600 15525 India (via VOFC)
 1400-1700 15215 Canada
 15365 "
 1700-1800 15440 Europe/Africa
 17845 "
 21510 "
 21615 "
 15215 Canada
 15365 "
 1800-1900 15365 "
 1900-2100 15215 "
 15365 "
 2000-2100 7355 Europe/North Africa
 11805 "
 11925 "
 15170 "
 2100-2200 7355 "
 11925 "
 2100-2300 15215 Canada
 15365 "
 2200-2300 7355 Europe/Africa
 9860 "
 2300-0000 15365 Canada
 17845 Africa

(P. Card, M. Flannagan, M. Pfeffer, E. Soomre, J. Talbot)

That wraps it up! Have a good Thanksgiving! Time for hot ovaltine.
 73/God Bless,

Chris

UTILITY SCENE

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

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

Hello Gang:

Now available is the revised & updated 4th edition of, "WORLD PRESS SERVICES FREQUENCIES", by Tom Harrington. This 82 page, 8 1/2 x 11 size book covers RTTY basics/equipment. The major portion is devoted to a cross indexed listings of worldwide RTTY press stations, xmitting in English. Lists are: by time, by frequency & by country. Cost is \$8.95 plus \$1.50 postage/handling. Obtainable from:

Universal Electronics Inc.
4555 Groves Road Suite 3
Columbus, OH 43227

Universal is now marketing, "COAX-SEAL". This is a hand moldable material, used to protect coax & other type antenna connections, from moisture & corrosion. Product looks & feels like black rubberized clay, and is supplied in 1/2 inch wide, variable length rolls. For more information, contact Universal. (note new address)

By the time this column was ready for typing, I had already received several inquiries, concerning the censored paragraph, in the Oct 83 column. Let me answer those questions this way.... As a editor for Speedex, I have the responsibility to both the editorial guidelines, established by Speedex. It is both the right & obligation of the publisher to delete/censor, those remarks, which are not in keeping with this policy. My remarks were indeed a violation of the guidelines, and I expected & deserved the censorship. As most of you surmised, the missing paragraph dealt with the shooting down of Korean Airlines flight 007.

Enough said on this matter, now onto this months contributions.....

**** NORTH AMERICA ****

AK... 4425-0 U 1235 NOJ- CG Kodiak wkg FOGNET 3319 (HCB-WA)
6506.4 U 0219 NOJ- CG Kodiak clg CGC IRONWOOD (BFS-CA)
11176 U 0324 AKA5- Elmendorf Aways wkg MAC 50602 (JCH-MD)
11176 U 0213 AKA5- Elmendorf Aways- all freq call-LARK 70(DEN)
CAN.: 3330 A var. CHU- SPTS Ottawa (TAK-MO) ((DDS-FL))
4255 C var. CFH- CANMIL Halifax- V mkr/WX (JFH-WA) (RLK-NM)
5616 U 0404 VFG- Gander Aero wkg FLYING TIGER 2468 (JFH-WA)

AM RTTY USB ISB
LSB CW FAX A3H

DEADLINE:
12th Day of
the Month

COLUMN
COVERAGE
0-30 MHz
H.F.

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...

8918.0 U 1434	AIR CANADA 950 wkg New York Aero (JDW-MN)
8984 U 0416	CG 1414 wkg CG Kodiak (JCH-MD)
8984 U 1412	CG 01 wkg CG New Orleans (JDW-MN)
11176 U 2318	MAC 80808 wkg Albrook Aways (HCB-WA)
11187 U 2246	GERMAN AIR FORCE 100 clg HDM91 (JCH-MD)
11233 U 1454	CANMIL 6329 wkg CANMIL Trenton (JDW-MN)
11233 U 1538	CANMIL 2181 wkg CANMIL Vancouver (BFS-CA)
11246 U 0137	AIR EVAC 50271 wkg MacDill Aways (RMS-NY)
11300 U 0100	PAKISTAN 744 wkg Khartoum Aero (WJS-ONT)
11300 U 0050	KLM 246 wkg Jeddah Aero (JDW-MN)
11300 U 0045	SCANDINAVIAN 964 wkg Cairo Aero (WJS-ONT)
11396 U 1742	GARUDA 1409 clg Jakarta Aero (BFS-CA)
11396 U 1741	QUANTAS 28 clg Ujung Pandang Aero (BFS-CA)
11396 U 1730	MALAYSIAN 4132 wkg Singapore Aero (BFS-CA)
11396 U 1739	GARUDA 1107 wkg Ujung Pandang Aero (BFS-CA)
13300 U 0753	JAPAN AIRLINES 948 wkg Guam Aero (BFS-CA)
13300 U 2254	JAPAN AIRLINES 6330 clg Honolulu Aero (HCB-WA)
13306 U 1442	AIR EVAC 50271 wkg New York Aero (JDW-MN)

**** TACTICAL ****

4719 U 1955	ARCHITECT (RAF) wkg 5 NOVEMBER INDIA (IK-UK)
4767 U 2035	WOODLAND wkg INLAY 12 (IK-UK)
5700 U 0420	TRUEMAN 01 wkg TRUEMAN 02 (JFH-WA)
6683 U 10210	AIR FORCE ONE wkg Andrews AFB (RDS-NI)
6715 I var.	AIR FORCE ONE wkg Andrews AFB (RAL-OH) (RDS-NU)
6738 U 1155	GULL 19 wkg Hickam Aways (JDW-MN)
6738 U 2302	ARCHITECT (RAF) with coded WX b/c (JCH-MD)
6746 S 2117	TABLE TOP wkg RAG DOLL (MD-MI)
6756 U 1603	RESIDENT wkg Andrews AFB (RAL-OH)
6756 U 1411	BURLEY BOY wkg MARCONI MOBILE (RAL-OH)
6756 U 1240	VENUS 92 p/p CROWN CONTROL via Andrews AFB (RAL-OH)
6756 U 1326	SAM 01 wkg Andrews AFB (RAL-OH)
6756 U var.	SAM 12488/SAM 27000 wkg Andrews AFB (RAL-OH)
6756 U var.	SAM 12490/SAM 24197 wkg Andrews AFB (RAL-OH)
6756 U var.	SAM 31683/SAM 24199 wkg Andrews AFB (RAL-OH)
6760 I 1549	SAM 24123 p/p via Andrews AFB (RAL-OH)

CAN.:
 C 0354 CKN- CANNIL Vancouver - NAMS/DE mkr (JFH-MA)
 C 0630 CKN- CANNIL Vancouver - V mkr (RLK-NY)
 C 0457 VCS- Halifax CGR. V mkr (RLK-NW)
 C 0245 VAI- Vancouver CGR. V mkr (RLK-NW)
 C 8891 Churchhill Aero wkg CANNIL 5710 (RMS-NY)
 U 0137 Churchill Aero wkg WARD AIR 260 (JCH-MD)
 U 0120 Frohisher Bay Aero wkg Scandinavian 938 (RMS-NY)
 U 2225 VFG- Gander VOLMET (NC-MA)
 U 2305 CPH- CANNIL Halifax c/g ROMERO 6 PAPA (JCH-MD)
 C 1355 CKN- CANNIL Vancouver - V/DE mkr (HDT-WY)
 C 1345 CPH- CANNIL Halifax - V/DE mkr (HDT-WY)
 U 0126 VFG- Gander VOLMET (VHJ-NY)
 U 1830 CHR- CANNIL Trenton - WX (HCB-WA)
 U 1840 CJK- CANNIL St. Johns - WX (HCB-WA)
 U 15035 VXA- CANNIL Edmonton - WX (WJS-ONT)
 C 2125 CPH- CANNIL Halifax - NAMS/DE mkr (RDS-NJ)
 U 1920 CFX- Veru Cruz MARCO - CQ mkr (BLJ-TX)
 C 0218 XFN- Manganillo MARGO - CQ mkr (DB-AR)
 C 0400 XFM- Manganillo MARGO - V/DE mkr (RLK-NW)
 C 2012 XFN- Manganillo MARGO - V/DE mkr (WTC-AZ)
 L 0505 CG Channel Is. Harbor, CA - NTW (WTC-AZ)
 A var. WWV- SPTS Ft. Collins CO (TAK-MO) (DSS-FL)
 C 0441 WAR- US Army MARS Wash DC- wkg AAR9CY (JFH-MA)
 U 0110 WEO- Norfolk VA MARGO- wkg ??? (JFH-MA)
 C 1058 WLO- Mobile AL MARGO - DE mkr (DS-NY)
 U 0510 WLO- Mobile MARGO wkg SONG OF NORWAY (JFH-MA)
 U 0427 WOK- Ft. Lauderdale MARCO P/P FESTIVAL (JFH-MA)
 U 1123 WRB669- Zapata/Houston TX c/g WRB669 Unit 1 (MWS)
 U 1441 WUD6- USACE St. Paul MN wkg USACE stas (MWS-IA)
 U 2331 CGAS Cape Way NJ wkg CG 1429 (JCH-MD)
 U 0356 NOT- CGAS Traverse City MI wkg CG 2131 (JCH-MD)
 U var. NMG- CG San Fran wkg CG 1453/1454 (DBM-ALB) (JCH)
 C 0402 KFS- San Francisco MARGO - CQ mkr (JFH-MA)
 C 0349 WNU42- Slidell LA MARGO - CQ mkr (JFH-MA)
 U 2110 NMF- CG Boston MA wkg CGC CHASE (MD-MI)
 U 2230 NMG- CG San Francisco - WX (MD-MI)
 U 0230 NMG- CG New Orleans LA wkg CGC WESTWIND (BPS-CA)
 U 1949 KVIH- NOAA Norfolk VA wkg NOAA WHITING (RMS-NY)
 U 1442 WSY70- New York VOLMET (NC-MA)
 L 0159 AFA3- Andrews AFB MD wkg ANDLER (RDS-NJ)
 U 0200 WJK- Jacksonville FL MARCO wkg NORWAY (WJS-ONT)
 U 0148 WOK- Ft. Lauderdale MARCO- P/P NORWAY (JFH-MA)
 C 1445 WHI- Baltimore MD MARCO - V/OSX mkr (HDT-WY)
 C 0313 KLG- Calveston TX MARCO - Tfc 11st (JFH-MA)
 C 1410 WCC- Chatham MA MARCO - DE mkr (HDT-WY)
 U 0210 WOK- Ft. Lauderdale MARCO - P/P NORWAY (JFH-MA)

MEX.:
 6761 U 0138 ILLUM 52 wkg WARIORD (RDS-NJ)
 7316 U 1255 SAM 27000 wkg Andrews AFB (RAL-OH)
 7765 U var. AIR FORCE ONE/SAM 27000 wkg Andrews AFB (RAL-CH)
 7839, 5 U 1136 VICTOR 3 VICTOR wkg 4 ALFA MIKE (MTC-AZ)
 8040 U 0114 SAM 24127 wkg Andrews AFB (RAL-CH)
 8778 U 0242 TANGO 9 INDIA wkg KILO 9 CHARLIE (BLJ-TX)
 8918 U 2122 CINEMA CONTROL wkg GERMAN AIR FORCE 1004 (CC-DE)
 8964a U 0035 SHENNA P/P via MacDill Aways (MDC-NY)
 8967 U 1408 AIR FORCE 25 wkg Andersen Aways (RAL-OH)
 9089 U 0146 NAVY LIMA MIKE 01 P/P GOLDEN HAWK via MacDill (MDC-NY)
 9018 U 2348 CARDINAL wkg Elmendorf Aways (RAL-CH)
 9018 U 1500 SWING 30 wkg Andrews AFB (RAL-OH)
 U var. SAM 24199/SAM 31683 wkg Andrews AFB (RAL-OH)
 U var. SAM 12497/SAM 31682 wkg Andrews AFB (RAL-CH)
 U 2331 ARCHITECT with coded WX b/c (JCH-MD)
 U 0028 AIR FORCE ONE wkg Andrews AFB (RDS-NJ)
 U 0222 BRONCO 03 c/g ATLAS (RLR-KS)
 U 1118 CARDINAL wkg REMIND (RAL-CH)
 U 1813 HARDWOOD wkg BLACK BOARD (RAL-CH)
 U 2333 SAM 12490 P/P SAM CONTROL via Albrook Aways (MDC-NY)
 S 0825 "681"(SAM 31681?) wkg Andrews AFB (MD-MI)
 U 0331 ARCHITECT with coded WX b/c (JCH-MD)
 U 0756 TROJAN 761 wkg RAAF Townsville (BPS-CA)
 U 1906 BAY RUM wkg COVERT (BPS-CA)
 U 0151 LICENSE wkg GYRATE ALFA (RDS-NJ)
 U var. SAM 31682/SAM 24127 wkg Andrews AFB (RAL-CH)
 U 1841 SAM 86971 wkg Andrews AFB (RDS-NJ)
 U 1500 ALFA 3 ECHO wkg RADIUM, RECALL, BANGER (CC-DE)
 U 1806 INDIA 5 SIERRA wkg BRAVO 2, 6 INDIA MIKE (JCH-MD)
 U 1530 CHARLIE 2 TANGO wkg ALFA 3 ECHO, BRAVO 9 ZULU (CC-DE)
 S 0804 CULINARY wkg MEDIA (MD-MI)
 U 2023 0022 wkg 0001 (CC-DE)
 U 2035 NORTHFIELD wkg REARRANGE & T BACK (CC-DE)
 S 0831 SURREY wkg NAPALM (MD-MI)
 U 1934 OLD CROW wkg Andrews AFB (RDS-NJ)
 U 1612 SAM 31682 P/P via Andrews AFB (RAL-CH)
 S 0823 "681" (SAM 31681) wkg Andrews AFB (MD-MI)
 U 2346 AIR FORCE ONE P/P CROWN via Andrews (RDS-NJ)
 U 1450 SAM 24199 P/P via Andrews AFB (RAL-CH)
 L 0050 SAM 24127 wkg Andrews AFB (RAL-CH)
 U 2332 SKIPPY wkg TAMPA TIM (fishing fleet??) (DB-AR)
 U 1712 SAM 24130 wkg Andrews AFB (RAL-CH)
 U 1433 AIR FORCE ONE wkg Andrews AFB (RAL-OH)
 U 1413 FLINT 102 wkg FLINT 460 (RAL-OH)

USA.:
 6761 U 0138 ILLUM 52 wkg WARIORD (RDS-NJ)
 7316 U 1255 SAM 27000 wkg Andrews AFB (RAL-OH)
 7765 U var. AIR FORCE ONE/SAM 27000 wkg Andrews AFB (RAL-CH)
 7839, 5 U 1136 VICTOR 3 VICTOR wkg 4 ALFA MIKE (MTC-AZ)
 8040 U 0114 SAM 24127 wkg Andrews AFB (RAL-CH)
 8778 U 0242 TANGO 9 INDIA wkg KILO 9 CHARLIE (BLJ-TX)
 8918 U 2122 CINEMA CONTROL wkg GERMAN AIR FORCE 1004 (CC-DE)
 8964a U 0035 SHENNA P/P via MacDill Aways (MDC-NY)
 8967 U 1408 AIR FORCE 25 wkg Andersen Aways (RAL-OH)
 9089 U 0146 NAVY LIMA MIKE 01 P/P GOLDEN HAWK via MacDill (MDC-NY)
 9018 U 2348 CARDINAL wkg Elmendorf Aways (RAL-CH)
 9018 U 1500 SWING 30 wkg Andrews AFB (RAL-OH)
 U var. SAM 24199/SAM 31683 wkg Andrews AFB (RAL-OH)
 U var. SAM 12497/SAM 31682 wkg Andrews AFB (RAL-CH)
 U 2331 ARCHITECT with coded WX b/c (JCH-MD)
 U 0028 AIR FORCE ONE wkg Andrews AFB (RDS-NJ)
 U 0222 BRONCO 03 c/g ATLAS (RLR-KS)
 U 1118 CARDINAL wkg REMIND (RAL-CH)
 U 1813 HARDWOOD wkg BLACK BOARD (RAL-CH)
 U 2333 SAM 12490 P/P SAM CONTROL via Albrook Aways (MDC-NY)
 S 0825 "681"(SAM 31681?) wkg Andrews AFB (MD-MI)
 U 0331 ARCHITECT with coded WX b/c (JCH-MD)
 U 0756 TROJAN 761 wkg RAAF Townsville (BPS-CA)
 U 1906 BAY RUM wkg COVERT (BPS-CA)
 U 0151 LICENSE wkg GYRATE ALFA (RDS-NJ)
 U var. SAM 31682/SAM 24127 wkg Andrews AFB (RAL-CH)
 U 1841 SAM 86971 wkg Andrews AFB (RDS-NJ)
 U 1500 ALFA 3 ECHO wkg RADIUM, RECALL, BANGER (CC-DE)
 U 1806 INDIA 5 SIERRA wkg BRAVO 2, 6 INDIA MIKE (JCH-MD)
 U 1530 CHARLIE 2 TANGO wkg ALFA 3 ECHO, BRAVO 9 ZULU (CC-DE)
 S 0804 CULINARY wkg MEDIA (MD-MI)
 U 2023 0022 wkg 0001 (CC-DE)
 U 2035 NORTHFIELD wkg REARRANGE & T BACK (CC-DE)
 S 0831 SURREY wkg NAPALM (MD-MI)
 U 1934 OLD CROW wkg Andrews AFB (RDS-NJ)
 U 1612 SAM 31682 P/P via Andrews AFB (RAL-CH)
 S 0823 "681" (SAM 31681) wkg Andrews AFB (MD-MI)
 U 2346 AIR FORCE ONE P/P CROWN via Andrews (RDS-NJ)
 U 1450 SAM 24199 P/P via Andrews AFB (RAL-CH)
 L 0050 SAM 24127 wkg Andrews AFB (RAL-CH)
 U 2332 SKIPPY wkg TAMPA TIM (fishing fleet??) (DB-AR)
 U 1712 SAM 24130 wkg Andrews AFB (RAL-CH)
 U 1433 AIR FORCE ONE wkg Andrews AFB (RAL-OH)
 U 1413 FLINT 102 wkg FLINT 460 (RAL-OH)

***** NUMBERS/BEACONS *****
 Note: too early to tell which format you buffs prefer. Will run the
 By Timeline again.... "Y" in language is Serbo-Croatian....

0100-0116 S 9040.0 G/Y 5dd Whiskey Papa/97Gruppen (5-4)04Oct (FWB-NJ)
 0100----- A 9074 S/Y 4d 271/1-00 (333) 28Sept (BLJ-TX)
 0115-0141 A 11532 S/Y 4d grupo 186 (444) 11Sept (BLJ-TX)
 0141-0152 A 9080 S/Y 4d (433) 04Oct (PAT-CA)
 0146-0150 A 11532 S/Y 4d (444) 27Sept (JEB-GA)
 0200-0207 M 8873 X/X 51tr RNU UT (5-5) 01Oct (FWB-NJ)
 0200-0242 M 7375 X/Y 5c U66/ATA (5-3) 09Sept (FWB-NJ)
 0200-0214 A 9267 G/Y 5dd "N"cw/Gruppe 29 (5-5) 08Sept (FWB-NJ)
 0200-0218 A 8842 X/Y 5d triple Final (5-5) 07Sept (FWB-NJ)
 0200----- M 8873 X/X 51tr RUN NW (5-4) 10Sept (FWB-NJ)
 0202-0210 A 5810 S/Y none repeats 545 (354) 10Sept (BLJ-TX)
 0203----- A 9080 S/Y 4d 692/1-00 (443) 04Oct (PAT-CA)
 0218----- A 8842 S/Y 5d 04Sept (FWB-ALB)
 0300-0316 S 8173 G/Y 5dd Bravo Juliet (2-3) 07Sept (FWB-NJ)
 0300-0350 M 12164 X/X 4c 44N/ABU (similarkey-14441)07Sept (FWB-NJ)
 0300-0350 M 12164 X/X 4c 44N/ABU (above same) 08Sept (FWB-NJ)
 0300----- M 6860 X/Y 5c VHU/ATU (5-4) 07Sept (FWB-NJ)
 0303-03+ A 4670 S/Y 4d 618/1-00 (544) 26Sept (JEB-GA)
 0304-03+ A 9080 S/Y 4d 433/1-00 (433) 04Oct (PAT-CA)
 0320----- A 4670 S/Y 4d grupo 123 (415) 06Oct (JFH-MA)
 0435----- A 3218 G/Y 5dd (342) 29Sept (JFH-MA)
 0634----- A 7890 S/Y 5d (232) 05Oct (PAT-CA)
 1733-17+ A 16450 S/Y 4d (333) 12Sept (JEB-GA)
 1933-1941 U 5448.7 Y/Y ?d 26Sept (IK-UK)
 1940----- A 5860 Y/Y ?d 27Sept (IK-UK)
 2027-2045 A 5447 Y/Y ?d 26Sept (IK-UK)
 2053----- A 3410.5 Y/Y ?d 30Oct (IK-UK)
 2245-2250 A 9070 E/Y none-repeats V.L.B.2 29Sept (IK-UK)
 0045----- A 4675 S/Y 4d 06Sept (WJS-ONT)
 PLEASE - If you indicate date in numerals only, arrange as:
 DAY/MONTH and not month then day. Example: you would use
 9/4 to denote 04 Sept, but I would read it military style, as 09
 April..... OK????

***** UNIDENTIFIED *****
 6230.0 C 0639 time pips (PAT-CA)
 7604 R 0310 45/425n bit inverted t/c - FCC?? (EDK-MI)
 1115 L 0245 3 ltr EE fish & SS chit chat (RMA-IA)
 13277 U 0045 typical fishing fleet operation (JDM-WN)
 1370 C 2330 ZZU 9148 (ship??) sending "v"s (JEB-GA)
 15520 C 1940 T11 sending 6 sets of "v"s (DRH-PA)
 18110a R 1910 57/170n DAE SIGNAL ZU SCHLACH ZETZT? (RMA-IA)

AFL2- Loring Awys p/p MAC 70169 (JFH-MA)
 AFE8- MacDill Awys p/p MAC 70011 (JFH-MA)
 AFG9- Scott Awys p/p MAC 90410 (JFH-MA)
 WSY70- New York VOLMET (DB-AR)
 WFK50- AP New York - QRA Mkr (JEB-GA)
 Cape Radio wkg PATRICK VESSEL 1925 (RDS-NJ)
 VOA Greenville Feeder (JJC-WV)
 LOCKHEED IA wkg LOCKHEED 592 (RIR-KS)
 AFE8- MacDill Awys p/p Navy L.J.V. 049 (JFH-MA)
 AFE8- MacDill Awys wkg OSCAR 8 FOXTROT WHISKEY (RDS)
 AFE8- MacDill Awys p/p TEAL 31 (NWS-IA)
 MLO- Mobile AL MARCO - DE mkr (HDT-WV)
 WNU54- Slidell LA MARCO - CQ/GSX mkr (HDT-WV)
 WPD- Tampa FL MARCO - CQ/GSX mkr (HDT-WV)
 AFA3- Andrews AFB MD wkg SAM 26000 (RDS-NJ)
 U 1736 NVA IDOC wkg CLIPPER 832 (CC-DE)
 MWV- SPTS Ft. Collins CO (LJC-W)
 KUZ23- QTH?? wkg WJG SENATOR (RMS-IA)
 C 2116 KFC- Galveston TX MARCO - DE mkr (NC-NA)
 18027 L 1802 Andrews AFB wkg A.F.1 & OLD CROW (MDC-NY)
 U 1448 VOA Greenville Feeder in RR (NEB-MN)
 U 1446 VOA Greenville Feeder (NEB-MN)
 U 2240 VOA Greenville Feeder in CC (NC-MA)
 U 1500 VOA Greenville Feeder (NEB-MN)

***** CENTRAL AMERICA *****
 TIM- Limon MARCO - CQ/GSX mkr (DB-AR)
 HPN60- Canal MARCO - V mkr (RLK-MN)
 Albrock Awys wkg TYPIC44/TEAL 14 (DEM-ALB) (JCH-MD)

***** CARIBBEAN *****
 SPO- Bridgetown MARCO - DE mkr (RMA-IA)
 Barbados Radio/MARCO c/g TROPICAL ---- (MWS-IA)
 SPO- Bridgetown MARCO - DE mkr (PAO-UK)
 CLA- Havana MARCO - CQ mkr (JFH-MA)
 Cubana Dispatch/Ocean Watch Havana (LDOC)
 wkg CUBANA 2473 in SS (IK-UK)
 NAW- US Navy Guantanamo Bay - ? mkr (BLJ-TX)
 FUF- FF NAVRAD Ft.de France - V mkr (DB-AR)
 FFP-3 Ft.de France MARCO - DE/CQ mkr (JFH-MA) (DB-AR)
 (RLK-NW)
 FUF- FF NAVRAD Ft.de France - V mkr (JHM-NJ)
 NMR26- CGAS Boringuen wkg CG 1438 (RMS-NY) (JCH-MD)
 San Juan Aero wkg NORTH WEST 900 (DEM-ALB)
 San Juan Aero wkg KLM 775 (JFH-MA)
 NMR- CG San Juan - CQ mkr (JHM-NJ)

COST: 8478.5 C 0354
 PANA: 8607 C 0415
 BARB: 8993 U var.

8449.3 C 1045
 8765 U 1110
 12709 C 2112
 8702 C 0255
 13339 U 1929

CUBA:

GIT.: 17990 C 2037
 MARI: 8478 C 0350
 8675 C var.

16961.5 C 1944
 P.R.: 5692 U var.
 8825 U 0217
 8825 U 0020
 16983.2 C 1956

TRIN: 8855 U 0028 Piarco Aero wkg AIR FRANCE 351 (RWS-NY)
 8855 U 2326 Piarco Aero wkg NAVY JULIET ALFA 03 (AK-MD)

ARGN: 5882 S 0150 R. Rivadavia Feeder (DEM-ALB) ***
 8765 U 0834 LPL-G.P.R. - SS/OM/VM (WWS-IA)
 13160 U 0600 LPL-G.P.R. - SS/OM/VM (BPS-CA)
 15000 A 2334 LPL-G.P.R. - SS/OM/VM (BPS-NA)
 17232.8 U 2010 LPL-G.P.R. - SS/OM/VM (TFS-NY)
 22419 C var. LPD91 - G.P.R. - V mkr (BLJ-TX) (JEB-CA)
 BRZL: 12889 C 0210 PPJ- Jueneco MARCO - V mkr (AUD-NJ)
 17161 C 1655 WE233- Rio de Janeiro NAVRAD- V mkr (IK-UK)
 17161.9 C 0105 PPO- Olanda MARCO - V mkr (GLT-NN)
 8609 C 0329 HKC- Buenaventura MARCO - DE mkr (JFH-MA)
 15738 C 2230 HK3M- INTERPOL. Bogota - tfc to Paris (AM-UK)
 17002.4 C 1958 HKB- Barreraquilla MARCO - Cq mkr (JHM-NJ)
 3810 A var. HD210A- SFTS Guayaquil (DDS-FL) (PAT-CA)
 7600 A var. HD210A- SFTS Guayaquil (DEM-ALB) (WJS-ONT)
 FALK: 24445 A 1916 VFC24- C&M Fort Stanley- tfc (DEM-ALB)
 FTGU: 8855 U 0105 Cayenne Aero wkg Flight 5526 (CC-DE)
 SURI: 10096 U 2317 Paremario Aero wkg NAVY JULIET ALFA 03 (AK-MD)
 VENE: 6100 A 0015 YVTO- SFTS Caracas (TAK-MO)
 11800 A 0241 YVVO- SFTS Caracas (harmonic??) (DDS-FL)
 17141.9 C 0110 YVG- La Guaira MARCO - V mkr (GLT-NN)

**** EUROPE ****
 AZOR: 8967 U 2118 CUM- LaJes Aways wkg MAC 59413 (RMS-NY)
 BELG: 8652 C 0404 OSTU/42- Oostwede MARCO - V mkr (RE-NH)
 19577 U 1910 ORIU9- PTP Brussels - tfc (DEM-ALB)
 DEN.: 16897.4 C 2013 OXZ83- Lyngby MARCO - Cq mkr (JHM-NJ)
 ENG.: 4637 U var. ROYAL AIR FORCE VOLMET (JFH-MA) (IK-UK)
 (new sta, apparently not West Drayton)
 5203 L 1831 AJE- Croughton wkg AEA Firmasens FRC (IK-UK)
 6408 C 0216 GKC- Portishead MARCO - DE mkr (JFH-MA)
 6750 U 0340 AJEB- Croughton Aways wkg GULL 72 (JCH-WD)
 8557.9 C var. GKB4- Portishead MARCO - DE mkr (JEB-CA) (DB-AR)
 10072 U 2325 Speedbird London LD00- wkg SPEEDBIRD 128 (JCH-WD)
 11200 U 2222 MVU- West Drayton VOLMET (NC-WA)
 12833.5 C 1340 GKB3- Portishead MARCO - DE mkr (HDT-NV)
 13020 C 2325 GKC- Portishead MARCO - DE mkr (DB-AR)
 13553 U 0328 Speedbird London LD00- wkg SPEEDBIRD 14 (JCH-WD)
 16954.4 C 1942 GKC- Portishead MARCO - DE mkr (JHM-NJ)
 17198 C 2102 GKE- Portishead MARCO - DE mkr (NC-WA)
 20345 U 1458 BBC Daventry Feeder (RDG-AUST)
 22449 C 1558 GKB7- Portishead MARCO - DE mkr (JEB-CA)
 FRAN: 4913.5 C 1815 FDG2- FF AF Ft.de Marsan - V mkr (AM-UK)

C 1728 time pips to 1730-repeats DUVI A1BD NEE6 6BNT(JEB-CA)
 U 1856 dpx FF tfc- possible FF press reports from Chad(DEM)

**** RADIOELETYPE ****
 FEC 518.0 1933 SDI- Stockholm MARGO SWED - tfc (JK-FRG)
 3177.6 2215 ANC- Calcutta Air INDI - Rys (AM-UK)
 4060.0 2212 50/425r VVD54- Delhi Metro INDI - WX (AM-UK)
 4445.0 0557 75/850r Andrews AFB MD - FOXS (JEB-CA)
 4482.0 0550 50/425r AP Montevideo URGY - SS/NX (JEB-CA)
 4515.0 1907 SITOR F1775- Paris Prefecture FRAN- mses (JK-FRG)
 5110.0 1645 50/425r FDI- FF AF Orleans FRAN - ?? (IK-UK)
 5474.0 2124 50/1100r CSY21- Santa Maria Air AZOR- testing (IK-UK)
 5816.7 1625 50/900r 19-0V Control Test to 24-RV(tactical) (IK-UK)
 6869.7 1545 50/170r IT Army Chieti ITLY msg to Roveto (AM-UK)
 6933.5 1830 50/425n EHD000- Civil Defense Madrid SPAN- msg to Leria (AM-UK)
 7060.0 2053 LZN3- Sofia PTP BUL- tests to Beijing (PAG-UK)
 7642.0 1845 NKW- USN Diego Garcia- WX to Mauritius (AM-UK)
 7385.0 0500 50/425r YV414- Dakar Metro SENE - Rys (ADS-CA)
 7597.0 1730 50/170r IBA20- IT Army Rome ITLY- clg IEA88 (RMA-FRAN)
 7660.0 0520 50/425n CLN78- PTP Havana CUBA- tfc to Riga (JEB-CA)
 7941.0 2340 ZPN- Asuncion Air PARA- Rys (AM-UK)
 7977.1 0630 50/425r FDI- FF AF Orleans FRAN - ?? (RMA-FRAN)
 8145.6 1855 XVF3- PTP Hanoi VIET- clg Paris (AM-UK)
 8176.0 1238 50/425n FZB81- St. Denis Metro REUN- 5M (RMA-IA)
 8819.0 0230 50/425n CAL7E- Pascua Air EAST- WX (JEB-CA)
 9157.0 0040 75/425n TLO- ASECNA Brazzaville CONG - Rys (AJD-NJ)
 9315.0 0200 LGA 5- Alesund NOR - Rys (AJD-NJ)
 9646.0 0218 TUB- ASECNA Abidjan IVRY- Rys (EDK-ML)
 10110.0 2342 UGE2- Bellingshausen ANTA clg RUZU (AM-UK)
 10110.0 var. Moscow USSR with MOORE tfc to Cuba (DLW-CT)
 10298.5 1803 HSW62- Bangkok Metro THAI- WX (AM-UK)
 10410.4 1850 ARB- Lahore Air PAKI clg ARA (AM-UK)
 10440.0 1415 Y345- DP Berlin GDR - QRA/Rys (RMA-IA)
 10449.0 2250 AY0355- Comodoro Rivadavia ARGN- w/Rosario(AM)
 10464.0 0200 Y7A45- ADN Berlin GDR - GG/NX (AJD-NJ)
 10710.0 1231 MAU- USN San Juan PR- tests to ZRH (RMA-IA)
 10895.0 2115 LRB39- SAPORITI Buenos Aires ARGN- SS/NX (PAC-UK)
 11111.0 1725 CLM321- PTP Havana-dpx MOORE tfc to Moscow(DLW)
 11443.0 1725 9179- Lusaka Air ZAMB- WX to Klnshasha (AM-UK)
 11502.0 0800 LZH4- BTA Sofia BUL - EE/NX (RMA-IA)
 11505.5 2348 MFA Belgrade YUGO - mses to Havana (AM-UK)
 11578.0 2132 59Y- Sao Tome Air SAO- Rys (JK-FRG)

FRAN: 6422.0 C 0205 FFL3/2-St. Lys MARCO - DE mkr (JPH-MA)
10775 A 2000 FTK77- PTP Paris with Time Signals (ES-MA)
14351 U 1919 PTP Paris - FF/EE/OM/VM (FFS-NY)
18515 U 1207 FTS51- PTP Paris - FF tfc (RDC-AUST)
18875.8 U 2010 FTS87- PTP Paris - FF/EE/OM/VM (RMA-IA)
FRG.: 5690 U var. JHM95- CANMIL Lahr - WX (JCH-MD) (RMS-NY)
6435 C 0115 DAN- Norddeich MARCO - DE mkr (JPH-MA)
11115 L 2355 AEA- US Army Pirmasens - testing (MDC-NY)
11233 U 0347 JHM95- CANMIL Lahr wkg CANMIL Trenton (DEM-ALB)
13842.5 C 1623 FQC23- FF AF Lehn - V mkr (AM-UK)
16980.4 C 1953 DAN- Norddeich MARCO - V mkr (JHW-NJ)
17143 C 2055 DAN- Norddeich MARCO - CQ mkr (NC-MA)
17260.8 U 1730 DAP- Norddeich MARCO - tfc list (TFS-NY)
GREE: 8704 C 0357 SVB6- Athens MARCO - DE mkr (RR-NH)
8713 C 0350 SVU6- Athens MARCO - DE mkr (RR-NH)
17194 C 2003 SVB6- Athens MARCO - DE mkr (JHW-NJ)
22417 C 1550 SVA7- Athens MARCO - DE mkr (JEB-CA)
HOLL: 8653 C 0408 POR42- Scheveningen MARCO - DE mkr (RR-NH)
8924 U 0332 KLM Amsterdam LDOC wkg KLM 786 (JCH-MD)
12800 C 2202 PCH51- Scheveningen MARCO - DE mkr (NC-MA)
16902 C 1657 PCH- Scheveningen MARCO - CQ mkr (DS-NY)
ICE.: 4675 U 1938 Reykjavik Aero wkg AEROFLOT 343 (IK-UK)
8891 U 2324 Reykjavik Aero wkg AIR FRANCE 75 (JCH-MD)
EIRE: 5598 U 0359 Shanwick Aero wkg TWA 900 (JCH-MD)
8937 U var. EIP- Shannon VOLMET (DEM-ALB) (NC-MA)
ITLY: 4547 U 0013 IAR- Rome NAVRAD wkg IGJ Augusta (IK-UK)
6409 C 0344 IAR- Rome MARCO - V/QSX mkr (JPH-MA)
7598 L 1950 IEA20- IT Army Rome - ??? (IK-UK)
8684.5 C 0417 IRM- CIHM Rome - V mkr (DB-AR)
13657 C 2023 IRD5- Rome NAVRAD - V mkr (BLJ-FX)
C 2158 9HD- Malta MARCO - V mkr (PAG-UK)
NOR.: 16928 C 1950 LFX- Rogaland MARCO - CQ/MC mkr (AK-MD)
POL.: 13616 C 1840 SNN261- PAF Warsaw - PO/NY (AK-MD)
14448 C 1140 SNN247- MFA Warsaw c/g GSY22 Ottawa (AM-UK)
16887 C 2001 SFH- Gdynia MARCO - V mkr (AK-MD)
PORT: 17339a C 2145 STV- Monsanto NAVRAD - callup to CTBC (RMA-IA)
ROMA: 4002 C 0405 YRR4- Bucharest Metro - V mkr (FWB-NJ)
SPAN: 8618 C 0435 EDZ4- Aranjuez MARCO - V mkr (RLK-NJ)
SWED: 8930 U 0217 Stockholm LDOC wkg WHISKEY TANGO 3047 (RMS-NY)
11345 U 0335 Stockholm LDOC wkg NIGERIA 2067 (JCH-MD)
SWIS: 13205 U var. Berne LDOC wkg OVERSEAS 601/H.G.R. (JCH-MD)
18023 U 1730 Berne LDOC wkg UNIFORM BRAVO 112 (JCH-MD)
TURK: 6395 C 1900 TBA3- Ankara NAVRAD - V mkr (IK-UK)
6738 U 2303 AJG9- Incirlik Aways wkg MAC 38083 (JCH-MD)
11176 U 2325 AJG9- Incirlik Aways c/g MAC 70027 (JCH-MD)

CLN328- PTP Havana CUBA - RY/FOXs (JEB-CA)
ZLK43- USN Christchurch NZBEL wkg NCD (AM-UK)
GENERAL KRAMCOV - tfc to UPFN (JEB-CA)
UIMH- vessel name ?? - Rys (JEB-CA)
UNRZ- vessel name ?? - wkg EUPQ (JEB-CA)
UJMO- CARL LINNE - Rys to UJY (JEB-CA)
EMKL- SKALISTY BEREG- Rys to UJY (JEB-CA)
RUSSCO POLE- tfc to UJY (JEB-CA)
NIKOLA - tfc to UPFB (JEB-CA)
UTRR- KONSANTIN PAUSTOVSKI-Rys to UPL (JEB-CA)
UKMG- SOVIETSKIA SIBIR- Rys to UPH (JEB-CA)
UYAB- vessel name ?? - Rys (JEB-CA)
UJIX- vessel name ?? - Rys (JEB-CA)
UNNP- vessel name ?? - Rys to UJY (JEB-CA)
EORW- TROPSFERA - Rys to UJY (JEB-CA)
EORH- BERKOUT - Rys to URB2 (JEB-CA)
CCS- Santiago NAVRAD CHIL- coded tfc (AJD-NJ)
MNN- CG Fortsmouth VA- WX/QSB report (JEB-CA)
C7H55- Horta NAVRAD AZOR- Rys (RDS-NJ)
EUEQ- vessel name ?? - Rys to UTIX (JEB-CA)
UAI- Naktodra MARCO USSR- Rys (JEB-CA)
WCO- Chatham MA MARCO - wkg SYWK (RMA-IA)
UPH- Petraparlovsk MARCO USSR- Rys (JEB-CA)
NOJ- CG Kodiak AK - Rys to YAIP (JEB-CA)
KGA65- USDCS Wash DC - FOXs (AM-UK)
YKA53- MFA Berlin GDR- Rys (JEB-CA)
VXX- ?? Canada - ID mkr (JEB-CA)
SAPORTII Buenos Aires ARGN- SS/AX (ADS- CA)
GFH- Hong Kong NAVRAD- testing (AM-UK)
RUMJ- unknown - FOXs (JEB-CA)
SHA1- unknown - c/g HVA (RDS-NJ)
REZ28- TASS Moscow USSR- Rys EE/NK (RDS) (JEB)
ZVK- Rio de Janeiro AIR BRZL- Rys (PAC-UK)
KRH51- USEMB Bonn FRG- FOXs (RMA-FRAN)
AMX35- Canbera Metro AUST- WX (RDS-NJ)
JMIJ- Tokyo Metro JAPAN- WX (PAC-UK)
AND8- RR EMB Madrid SPAN- c/g RKG (AM-UK)
CLVA43- Havana. CUBA - SS/AX (JEB-CA)
AAR05B- US Army WARS Ft. Lewis WA-tfc (JEB-CA)
REB24- TASS Moscow USSR- EE/AX (RDS-NJ)
FKB58- TASS Moscow USSR- EE/AX (JEB-CA)
NNW001- USMC WARS- QTH?? - tfc list (JEB-CA)
CLNA51- Pl Havana CUBA - EE/AX (RDS-NJ)
HX34- Paris Metro FRAN - WX (RDS-NJ)
NCR- USN Kato Soull GREEB-coded tfc (JEB-CA)

USSR: 6386.5 C 1801 UO05- Izmail MARCO - V mkr (IK-UK)
 8640 C 0140 UY- Kaliningrad MARCO - CQ mkr (DS-NY)
 12933 C 0300 UKA - Vladivostok MARCO - CQ mkr (AG-CA)
 13075 C 0340 UFN- Novorossiysk MARCO - DF mkr (JEB-CA)
 13279 U 0515 Khabarovsk VOLMET - EE/YL (BFS-CA)
 13820 U 1852 Radio Moscow Feeder (DEN-ALB)
 14664a C 1216 RIW- Khiva NAVRAD - callup to RMSZ (RDS-NJ)
 YUGO: 16942.8 C 1937 YUR- Rijeka MARCO - V mkr (JHW-NJ)
 22443 C 1555 YUR9- Rijeka MARCO - V mkr (JEB-CA)

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

ALGE: 8894 U 0220 Algiers Aero wkg AIR PORTUGAL 222 (RMS-NY)
 8894 U 0405 Algiers Aero wkg SABENA 424 (JCH-MD)
 ANGO: 8903 U 2004 Luanda Aero wkg AIR PORTUGAL 258 (RMS-NY)
 22331.3 C 2003 DGE- Luanda MARCO - CQ/MC mkr (BLJ-TX)
 ASCH: 11176 U 0328 AFD14- Ascension Aways wkg AIR FORCE 255 (JCH-MD)
 CAPE: 8861 U 0340 Sal Aero wkg ANGOLA 700 (JCH-MD)
 GONG: 8903 U ---- Brazzaville Aero wkg SPERDEIRL 053 (JCH-MD)
 10057 U 0112 Brazzaville VOLMET - FF/OM (HCB-WA)
 DJIB: 13042 C 2111 FUV- FF NAVRAD Djibouti - V mkr (NC-MA)
 EGPT: 8472 C 1600 SUP- Port Said MARCO - V/qxsk mkr (PAC-UK)
 11300 U 0408 Cairo Aero wkg INDIA KILO 602 (JCH-MD)
 11300 U var. Cairo Aero clg/wkg Khartoum (DEM-ALB) (RMS-NY)
 ETHIO: 11300 U 0252 Addis Ababa Aero wkg ALITALIA 135 (DEM-ALB)
 GHAN: 8903 U 1250 Accra Aero - WX report (HCB-WA)
 13172 U 1959 9GX- Tema MARCO - p/p tfc (CG-DE)
 KEN: 11300 U 0035 Nairobi Aero wkg TRANS AIR 56 (HCB-WA)
 LYBA: 8515 C 1630 5AT- Tripoli MARCO - V mkr (PAC-UK)
 MADR: 8894 U 0351 Tripoli Aero wkg MIDDLE EAST 8276 (JCH-MD)
 NICE: 15681 C 1755 RFTAGN- PP NAVRAD Puncnal - coded tfc (JEB-CA)
 8894 U 0357 Mlamey Aero wkg ANGOLA 653 (JCH-MD)
 NIGR: 8903 U 0341 Kano Aero wkg INTERFLUG 860 (JCH-MD)
 SAUD: 8927 U 0116 Jeddah LDGC wkg SAUDI 134 (RMS-NY)
 8861 U 0357 Dakar Aero wkg LUFTHANSA 506 (JCH-MD)
 SENEG: 8861 U 0232 Dakar Aero wkg SPRINGBOK 270 (RMS-NY)
 8861 U 0003 Dakar Aero wkg Abidjan Aero (JDW-MN)
 13410 C 2345 6WW- Dakar NAVRAD - V mkr (DB-AR)
 SEYG: 16951.5 C var. 6WW- Dakar NAVRAD-V mkr (GLT-NM) (JHW-NJ) (DS-NY)
 SCAR: 6325.6 C 0230 ZRH- Cape NAVRAD Fisantekraal - ID mkr (AJD-NJ)
 8566 C 0040 ZSJ4- Cape NAVRAD Silvermine - CQ mkr (GLT-NY)
 8933 U 0002 Springbok Johannesburg LDGC wkg SPRINGBOK 258 (JCH)
 16964a C 1946 ZRQ- Cape NAVRAD Simonstown - V mkr (JHW-NJ)
 SUDN: 11300 U 0203 Khartoum Aero wkg SWISSAIR 282 (RMS-NY)
 11300 U 0236 Khartoum Aero wkg V.R.C.K.K. (DEM-ALB)

ZL06- Iriirangi NAVRAD NZEL- RYs to NPM (JEB-CA)
 RCR21- TASS Pyonegwag NOKO- RYs (JEB-CA)
 50/350r UVA- VNA Hanoi VIET- FF/NX (JEB-CA)
 50/425r ULV- Moscow PTP USSR- RYs to UHY (JEB-CA)
 NPM- USN Honolulu HI - FOXs with ZL06 (JEB)
 15880.0 0530 OLS4- CETEFA Prague CZEK- EE/NX (RMA-IA)
 50/425r FMZ62- APP Noumea NCAL- le Brick (JEB-CA)
 PWR- Rio de Janeiro NAVRAD-tfc NBA (JEB-CA)
 75/850r SOQ220- PTP Warsaw POL- QRA mkr (PAC-UK)
 50/425- 16212.5 var. 50/850n WFD76- IIT New York- FOXs (RDS-NJ) (PAC-UK)
 50/850r VFR- CANNIL Ottawa CAN- coded tfc (JEB-CA)
 50/425r CLM530- EL Havana CUBA- EE/NX (JCH-MD)
 HSP212BNN- Thal EMB Bonn FRG- msgs (AK-UK)
 50/425n KSI1?7- Pomahe CARO- tfe Guam (JEB-CA)
 45/850r YZV574- ADN Berlin GDR- QRA mkr (RMA-IA)
 50/425r YBU- unknown - RYs into 5 ltr tfe (JEB-CA)
 75/850r YWMI- Maracaibo NAVRAD VENE- RYs (RMA-IA) (JEB)
 50/170n LYEH- vessel name ?? - RYs to URB2 (JEB-CA)
 50/425r URL- Sevastopol MARCO USSR- tfc (RMA-FRAN)
 WCC- Chatham MA MARGO - tfe list (JK-FRG)
 3VA74- TAP Tuins TUNI- FF/NX (PAC-UK)
 50/425- BAU52- PTP Beijing- w/Belgrade (PAC-UK)
 50/850n ASE5- PTP Karachi PAKI- clg Rangoon (AM-UK)
 CLP1- MFA Havana CUBA- SS/NX (JEB-CA)
 ZL0- Iriirangi NAVRAD NZEL- clg NPM (AM-UK)
 JFZ23- MFA Ulan Bator MONG- w/Berlin (AM-UK)
 DFGZ- unknown - RYs into coded tfc (RMA-IA)
 KAC- NOAA Woods Hole MA - RYs (JEB-CA)
 ATB68- INFOIND Delhi- INDI- EE/NX (RDG-AUST)
 VNA Hanoi VIET- EE/NX (RMA-FRAN)
 50/425r JMT4- Tokyo Metro JFAN- 5FM (RDG-AUST)
 NWC- USN Exmouth AUST- coded tfc (JEB-CA)
 75/850r RLP32- APN Moscow USSR- EE/NX (RDG-AUST)
 50/425n CLP1- MFA Havana CUBA- WX/tfc to Peru (JEB)
 CZEK EMB Beijing PRG- msgs to Prague (AM-UK)
 YJ13- DP Berlin GDR- RYs/tfc (RDG-AUST) (RMA-IA)
 50/425r GUY388- AP London ENG- EE/NX (RDG-AUST)
 ISX87- IINA Rome ITLY- EE/NX (RDG-AUST)
 KFP90- Service/qth unknown- FOXs (JEB-CA)
 SAM73- SWED EMB Lagos NIGR- msg SAM (AM-UK)
 SAM74- SWED EMB Monrovia LIBE- msg SAM (AM-UK)
 50/475r MUN- UK Military?? - FOXs (RMA-FRAN)
 JAX78- KDD Tokyo JFAN- RYs (RDG-AUST)
 50/425n BUL EMB Luanda ANGO- msgs to Sofia (AM-UK)
 MFA Delhi INDI- msgs INDI EMB Moscow (RMA-FRAN)
 50/425n 19042.0 0653 19051.8 1140

Y.DR: 11300.0 U 0342 Aden Aero wkg KUWAITI 731 (JCH-MD)
 ZIRE: 8903 U 0339 Kinshasa Aero wkg CALEDONIAN 211 (JCH-MD)

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

AFGN: 5658 U 2327 Kabul Aero wkg AEROFLOT 557 (IK-UK)
 PRG.: 6390 C 1205 XSQ-Guangzhou MARCO - CQ mkr (MTC-AZ)
 8665 C 1215 XSC3-Shanghai MARCO - CQ mkr (GLT-NM)
 15000 A var. BPM-SFTS Xian (DDS-FL) (RR-NH)
 14409 C 2320 Y7222-GDR EMB Beijing - QRA mkr (AM-UK)
 16916 C 0115 XSG-Shanghai MARCO - CQ mkr (GLT-NM)
 COCO: 13318 U 1110 Cocos Aero wkg SPEEDBURD 9 (CO-DE)
 HONG: 8584 C 1106 VPS36-Cape d'Agulhar MARCO - DE mkr (DS-NY)
 U 2045 Hong Kong VOLMET (HCB-WA)

INDO: 11396 U var. Ujung Pandang Aero wkg Jakarta/Manila (BPS-CA)
 22431 C 0015 PKI-Jakarta MARCO - CQ mkr (JEB-CA)
 4328 C 1105 JOS-Nagasaki MARCO - CQ/QSX mkr (DS-NY)
 4550.1 U 1250 NRT-Yokota Monitor (JMS) tests to NRV6 (MTC-AZ)
 5695.5 U 1235 JUG8-JJ Defense Agency Atsugi wkg Z.Z.9 (MTC-AZ)
 7662 C 1130 KML90-USEMB Tokyo - QRA/QSX mkr (MTC-AZ)
 7836.6 U 1246 NRT9-Hokkaido Loran wkg Yokota Monitor (MTC-AZ)
 8000 A 0740 JYJ-SFTS Tokyo (ES-WA)
 10000 A 0740 JYJ-SFTS Tokyo (DPS-FL)
 13201 U 0440 AIF8-Yokota Aways - Skyking b/c (HCB-WA)
 13282 U 2040 Tokyo VOLMET (HCB-WA)

JPN: 13300 U 0603 Tokyo Aero wkg KOREAN AIR 001 (DEM-ALB)
 15682 C ---- JMC-Ishigaki Radio - CQ mkr (JEB-CA)
 17029 C 0247 JMC-Tokyo MARCO - ID mkr (ADS-CA)
 18087 C 1020 JFA24-INTERPOL Tokyo - msg to Paris (AM-UK)
 22398 C 0225 JNA-Tokyo NAVRAD - exercise notices (ADS-CA)
 22463 C 0100 JCU-Choshi MARCO - CQ mkr (GLT-NM)

OKIN: 7836.6 U 1320 NRT2-Gessashi Loran wkg Yokota Monitor (MTC-AZ)
 PHIL: 8604.2 C 1235 DZJ-Manila(Bulacan) MARCO - CQ mkr (GLT-NM)
 8993 U 1244 A102-Clark Aways wkg ROMEO GOLF 787 (MTC-AZ)
 11396 U 1727 Manila Aero wkg ??? (BPS-CA)

ROK: 7836.6 U 1228 Hanyong Loran wkg Yokota Monitor (MTC-AZ)
 7836.6 U 1143 Pohang Loran wkg Yokota Monitor (MTC-AZ)
 8484.2 C 1240 HLF-Seoul MARCO - CQ mkr (GLT-NM)

SING: 8476 C 1245 VGP50-Singapore MARCO - CQ mkr (GLT-NM)
 11396 U 1749 Singapore Aero elg Jakarta Aero (BPS-CA)

TIWN: 8631 C 1225 XSM-Kaohsiung MARCO - V mkr (GLT-NM)

VOLC: 7836.6 U 1314 NRT3-Iwo Jima Loran wkg Yokota Monitor (MTC-AZ)
 15922.0 U 0145 NRT3-Iwo Jima Loran wkg Yokota Monitor (MTC-AZ)

**** PACIFIC OCEAN ****

AUST: 4500 A 1220 VNG-SFTS Lyndhurst (DDS-FL)
 7623a L 1243 VIX-Canberra NAVRAD - EB/YL/YM (MTC-AZ)

VOA Tangier MROC - wkg Wash DC (RMA-FRAN)
 40NF-UNO Addis Ababa ETHO-clg GUA (RMA-FRAN)
 UPI Hong Kong - EE/NX (RMA-FRAN)
 WAR-US Army MARS Wash DC - RY/POKS (JEB-CA)
 AEMI ???-USA MARS Heidelberg FRG - RYs (RMA-FRAN)
 NBA-UN Balboa PANA - RY/SGs (JEB-CA)
 ETAS70-ETA Addis Ababa ETHO-Testing (AM-UK)
 NNW4NF-UN MARS-QTH??-msgs (JEB-CA)
 FJY2-FTS Port-aux-Francaise KERG-clg Paris (AM)
 TAP Tunis TUNI - FF/NX (RMA-FRAN)
 NBA-UN Balboa PANA - RYs (ADS-CA)
 HDN-Quito NAVRAD ECUA - DE mkr (AM-UK)
 ZLO-Irirangi NAVRAD NZEL - FOXs (ADS-CA)
 CXR-Montevidéo NAVRAD URUG - RYs (ADS-CA)
 ZOV250-PAP Warsaw POL - NX (DLW-OT)
 GWN-unknown - RYs into 5 ltr t/c (JEB-CA)
 OMZ-MFA Prague CZEK - t/c to Cairo (AM-UK)
 ZAY-ATA Tirana ALB - RYs (AJD-NJ)
 SAM51-SWED EMB Tehran IRAN - t/c SAM (AM-UK)
 SAM61-SWED EMB New Delhi - msg to SAM (AM-UK)
 AGA8HI-USAF MBS Hickam HI - t/c (AJD-NJ)
 SAM62-SWED EMB Beijing PRO - msg/SAM (AM-UK)
 SAM25-SWED EMB Lisbon PORT - msg/SAM (AM-UK)
 SAM81-SWED EMB Bissau GUIA - msg/SAM (AM-UK)
 PWZ33-Rio de Janeiro NAVRAD BRZL - RYs (ADS-CA)

**** VLF /LW/MW ****

HIN-FAA Chadron NE - NDB (LMT-SD)
 AOC-FAA Alliance NE - NDB (LMT-SD)
 OGY-Fockaway NY - NDB (JHW-NJ)
 PZN-Paramaribo MARCO SURI - CQ/QRU mkr (FWB-NJ)
 SGM-Level Island AK - NDB (DEM-ALB)
 Mount St. Helens WA - TIS b/c (DEM-ALB)
 OR-O'Hura NZEL - NDB (DEM-ALB)
 MH-Mount Hagen PNG - NDB (DEM-ALB)

**** OUTER SPACE ****

29450.0 C 2359 RS5-USSR AMSAT - telemetry beacon (TFS-NY)
 29450.0 C 2348 RS6-USSR AMSAT - telemetry beacon (TFS-NY)
 29500.0 C 0000 RS7-USSR AMSAT - telemetry beacon (TFS-NY)

**** QSLS ****

ARGH: LQ220 - San Martin- ??? in 26d for ??? 17550 kHz (SB-CT)
 AUST: VIS - Sydney MARCO - Card/Ltr-20d for IRC 8805.7 kHz (JDM-MN)
 BARS: 8PO-Barbados MARCO - form Ltr 18d for IRC 13138 kHz (RMS-NY)
 ENG.: MSF-SFTS Teadington- Gard in 17d for IRC- 10.0kHz (ES-WA)

AUST: 12000 A 0700 WNC- SFTS Lyndhurst (DDS-FL)
 12290 U var. Radio Australia Feeder (PAC-UK) (RH-WA)
 22485 C 0055 VIS- Sydney MARCO - CQ mkr (GLT-NM)
 CARO: 7836.6 U 1328 NR17- Yap Loran wkg Yokota Monitor (WTC-AZ)
 FIJI: 13300 U 0349 Nandi Aero wkg Auckland Aero (JCH-MD)
 FPO: 8625 C 1230 FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
 12664.5 C 1335 FUM- FF NAVRAD Papeete - V mkr (DS-NY)
 17380 C 0050 FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
 22545 C 0050 FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
 GUAM: 13113.2 U 0730 NRV- CG Guam - WX/NYM (BFS-CA)
 13300 U 0337 Guam Aero wkg NAVY UNIFORM VICTOR 290 (JCH-MD)
 22527 C 2115 NRV- CG Guam - CQ mkr (GLT-NM)
 HI...: 8828 U 0402 Honolulu VOLMET (JCH-MD)
 8843 U 0340 Honolulu Aero wkg AMERICAN 160 (JCH-MD)
 10000 A 1229 WWH- SFTS Kauai (DDS-FL)
 11176 U 0327 AGA2- Hickam Aways wkg MAC 50265 (JCH-MD)
 13201 U 2150 AGA2- Hickam Aways wkg MAC 99010 (HCB-WA)
 13300 U 0321 Honolulu Aero wkg KOREAN AIR 001 (JCH-MD)
 13354 U 2317 Honolulu Aero wkg AMERICAN 07 (JCH-MD)
 MARC: 7836.6 U 1418 NRV6- Marcus Lorran wkg Yokota Monitor (WTC-AZ)
 15922.0 U 0151 NRV6- Marcus Lorran wkg Yokota Monitor (WTC-AZ)
 NCAL: 8646.1 C 1220 FUJ- FF NAVRAD Noumea - V mkr (JCH-NJ)
 16958 C 1430 FUJ- FF NAVRAD Noumea - V mkr (AJD-NJ)
 NZEL: 6506.4 U 0700 ZLM- Wellington MARCO - BE/OM/YM (BFS-CA)
 8828 U 1120 Auckland VOLMET (WJS-IA)
 13282 U var. Auckland VOLMET (JCH-MD) (HCB-WA)
 22533 C 0045 ZLB7- Awarua MARCO - DE mkr (GLT-NM)

10100.0 C 2343 UC82- SAAM Bellingshausen clg RUZU (AM-UK)
 13974 U 0356 NNW010E- USN MARS McMurdo - P/P t/c (DEM-ALB)

500.0 C ALL wkg WCG= HPDV-ESSO ZURICH, DNBR-KASSAMBA, SWAR-EVELPIS, HPEN-AVON, KPEY-AMERICAN LEGEND, DZIA-STAR LUZON, SZMW-HELLENIC CHAMPION, 9VIS-NORD BAY, WKEE-EXPORT COMMERCE (FWB-NJ)
 500.0 C ALL wkg WHT= KHTS-NEW YORK GETTY, SVUV-FANTASY L, CUFD-JOAO ALVARES FAGUNDES, SZAS-HELLENIC INNOVATOR, 5KOP-TIMBO
 500.0 C ALL wkg WSL= LECK-ROYAL VIKING SEA, HOLL-MANUA MARU #41, HJNR-CARTAGENA DE INDIAS, 6ZCN-TELFAR PIONEER, WLJT-BANNER (FWB-NJ)
 500.0 C wkg WOE= YTEL-IVO VOJNOVIC, KESN-METON (FWB-NJ)
 500.0 C wkg NNN= OYGF-NORDKYN, HOOE-OCEANIC (FWB-NJ)
 500.0 C 0501 SWXZ- ANANGEL GLORY wkg YAU (FWB-NJ)
 500.0 C 0030 YTKL- BOSANKA clg YTTA-BARANJA (FWB-NJ)

FFPO: FUM- FF NAVRAD Papeete- form Itr-28d 2IRCs- 17380 kHz (AJD-NJ)
 ITLY: IQX- Trieste MARCO- Itr in 33d 8679 kHz (SB-CT)
 HOLL: FCH- Scheverlingen MARCO- Card- 11d IRC 16902 kHz (DS-NY)
 NZEL: ZKAK- Auckland VOLMET- Itr in 12d- 2IRCs- 8628 kHz (WJP-FL)
 SPAF: ZSC44- Capeton MARCO- Card-20d-IRC- 17018kHz (ES-MA)
 USA.: WNF- CG Boston MA- Card-10d-MS- 2670 kHz (DS-NY)
 WCC- Chatham MA MARCO- PFC-10d- MS- 6504.5 kHz (DS-NY)
 WMY41- CG Hampton Bays NY- PFC-06d-MS- 2670 kHz (DS-NY)
 NNY41- CG San Francisco CA- Card-08d-MS- 2670 kHz (DS-NY)
 WCC- Chatham MARCO MA- PFC/Itr-18d-MS- 87196kHz (HDT-WV)
 WSY70- New York VOLMET- form Itr-06d-MS- 6604kHz (ES-MA)
 WJO- Mobile AL MARCO- Card-18d-MS- 17172 kHz (AJD-NJ)
 WNU45- Slidell MARCO LA- Card-21d-MS- 17117.6 kHz (AJD-NJ)
 VENE: YVTO- SFTS Caracas - Card-154d for MS- 6100 kHz (RMS-NY)
 YVTO- SFTS Caracas- Card- 240d for IRC- 6100 kHz (JT-ALB)

SHIPS:
 GHUJ- CARMANIA- PFC in 36d for IRC- 8363 kHz (HH-MD)
 DCEB- BRITIA BOLTEN- PFC in 29d for IRC- 16723.9 kHz (HH-MD)
 KJLB- WESTWARD VENTURE- PFC 30d MS- 8362.8 kHz (HH-MD)
 WEZU- LASH ATLANTICO- PFC in 83d for MS- 12340 kHz (HH-MD)
 VKON-(RAN)CANNERRA- Itr/P1c in 129d for IRC- 12407.5 kHz (HH-MD)
 D5GH- MAPLE ACE- PFC in 47d for IRC- 12543 kHz (HH-MD)

**** We had 55 utility contributors, this issue.....

(RMA-FRAN) ROGER AKED (JK-FRG) JOERG KLINGENFUSS
 (RMA-IA) ROD ALEXANDER (AK-MD) TONY KOBYLSKI
 (SB-CT) SAM BARTO (EDK-MI) GENE KROLAK
 (HCB-WA) BART BEAL (RAL-OH) BOB LEARY
 (FWB-NJ) FRED BELCHAUS (DEM-ALB) DON MOWAN
 (NEB-WA) NICK BERKHOLTZ (AM-UK) ALEX MOORE
 (JEB-CA) JASON BERRI (WJP-FL) BILL PARKS
 (DB-AR) DON BREWER (RLR-KS) BOB RANKIN
 (NC-WA) NORM CALDRETT (RR-NH) BOB RAYMOND
 (CC-DE) CORNELIA CAMPBELL (TFS-NY) TOM SABLE
 (WTC-AZ) MIKE CHABAK (ADS-CA) AL SABSSEVITZ
 (LJC-WV) LARRY CHICKERELL (MWS-TA) MIKE SCHEEL
 (NDC-NY) MARK CHINSKY (DDS-FL) DAVE SHARP
 (PAC-UK) PETER CONWAY (BFS-CA) BRYAN SHARPE
 (AJD-NJ) A. J. DEINPT (ES-MA) ED SOONRE
 (ND-MI) MIKE DRIER (DS-NY) DAVE SPRAKER
 (TF-KY) TED FLEISCHAKER (RDS-NJ) RICK STEIN
 (RDG-AUST) ROGER GAMMON (WJS-ONT) WILF STONE
 (JCH-MD) JIM HARTUNG (RMS-NY) BOB STREIFER
 (DRH-PA) DONALD HEIN (JT-ALB) JOE TALBOT

300.0 C 2221 KFCX- AMERICAN ARGOSY - testing xmtr (FWB-NJ)
 500.0 C 0438 KTSN- PFCOS c/w WLO (FWB-NJ)
 500.0 C 1028 ELBT7- PACIFIC PROSPERITY w/g GNF (PAC-UK)
 500.0 C 1712 ZOKE- CANADIAN EXPLORER w/g GNF (PAC-UK)
 5696 U 2049 WLB400- CGC SALVIA w/g CG New Orleans (MD-MI)
 6290 U 0234 NKL- CGC WESTWIND w/g CG New Orleans (RMS-NY)
 6212.4 U 0142 NRDB- CGC BIBB p/p Atlantic Rescue via MNW (RMS-NY)
 6506.4 U 1155 WECB- z/v MELVILLE w/g CG Honolulu (RMA-IA)
 6506.4 U 1237 WNVF- NOAA ALBATROSS 4 w/g CG Portsmouth (JDM-MN)
 6506.4 U 0217 NRJ- CGC LAUREL w/g CG San Francisco (BPS-CA)
 6506.4 U 1240 NUDY- ?? w/g ZINI MARU via CG Kodiak (JDM-MN)
 6506.4 U 0225 70SL- CGC FIREBUSH w/g CG Kodiak (BPS-CA)
 6506.4 U 0605 WTEB- NOAA FAIRWEATHER w/g CG Honolulu (BPS-CA)
 6506.4 U 1220 WQCB- z/v MELVILLE w/g CG YOCONA (MTC-AZ)
 8198.1 U 0110 SEA LEVEL 21 w/g WOM (HCB-WA)
 8216.7 U 2000 WZHK- ADONIS w/g WOO (RMS-NY)
 8260.1 U 0335 WRND- PRESIDENT MONROE c/w KMI (HCB-WA)
 8269.4 U 0155 ELBP- COLUMBIA NEPTUNE w/g WOM (RMS-NY)
 8722 U 0355 CBTT- QUEEN ELIZABETH 2 p/p via WOM (TF-KY)
 12429.1 U 2325 WFGJ- AMERICAN MARKETEEER w/g KSW Oakland CA (HCB-WA)
 12429.2 U 1700 KEJB- SEALAND DEFENDER w/g KSW (HCB-WA)
 13113.2 U 1847 KLHR- CHARLES LYKES w/g CG San Francisco (MWS-IA)
 16587.1 U 2140 WLAID- OVERSEAS NATALIE w/g K4E2 (HCB-WA)
 16587.1 U 2235 SOUTHERN CROSS w/g WKG San Francisco CA (HCB-WA)

**** AIRCRAFT ****

5574 U 0452 GLOBAL 186 w/g Honolulu Aero (HCB-WA)
 5598 U 0043 LUFTHANSA 513 w/g New York Aero (BUJ-TX)
 5616 U 0012 MAC 70029 w/g New York Aero (JDM-MN)
 5628 U 1449 SINGAPORE 370 w/g Anchorage Aero (BPS-CA)
 5628 U 1250 PHILIPPINE 100 w/g Tokyo Aero (BPS-CA)
 5628 U var. NORTHWEST 2/UNITED 150 w/g Anchorage Aero (JDM-MN)
 5643 U 1213 QUANTAS 11 w/g Auckland Aero (JDM-MN)
 5696 U 0306 CG 2113 w/g CG Miami (RMS-NY)
 5696 U var. CG 02, 1433, 1434 w/g MNW (JDM-MN) (RMS-NY)
 6577 U var. CLIPPER 98/AMERICAN 584 w/g New York Aero (JDM-MN)
 6577 U var. NAVY LIMA LIMA 38/SPEEDBIRD 295 w/g New York (JDM-MN)
 6577 U 2347 GUYANA 711 w/g New York Aero (CC-DE)
 6750 U 2022 MAC 41662 w/g Loring Aways (MD-NI)
 8842 U 2304 SURINAM 764 w/g San Juan Aero (CC-DE)
 8842 U 0225 RGLHH (USSR a/c?) w/g COL Havana (FWB-NJ)
 8955 U 0335 MAC --601 w/g Berlin Aero (JFH-WA)
 8861 U 0025 AIR FRANCE 251 w/g Dakar Aero (JDM-MN)
 8894 U 0101 ALITALIA 043 w/g Algiers Aero (JDM-MN)
 8903 U 1300 MAC 60168 w/g Honolulu Aero (HCB-WA)

(JPH-WA) JOHN HENAULT
 (VH-NY) VINCENT HEVERN
 (HH-MD) HANK HOLBROOK
 (RH-WA) RICHARD HULL
 (BLJ-TX) BRIAN JONES
 (IK-UK) IAN KERR
 (RLK-NW) BOB KIVELL
 (TAK-MO) TERRY KLASEK
 (HDT-WV) HAROLD TAITE
 (LMT-SD) LYLE TAYLOR
 (GLT-NM) GLENN THOMPSON
 (PAT-CA) PEGGY THOMPSON
 (JHM-NJ) JOHN WALTERS
 (JDM-MN) JOHN WILLIAMS
 (DLW-CT) DAVE WILSON

**** Many of you expressed concern over last months Tucson flooding. Unfortunately, the reporting by the major TV networks, led many of you to believe that Tucson was underwater, and that a disaster had befallen the entire city.

In reality, only flood plain areas - those adjacent to our three main river channels, suffered from the rampaging waters, 95% of Tucson, was unaffected by this.

During the normal summer monsoons, Tucsonians are used to seeing streets, turned into mini-rivers, for our streets are utilized as spillways for water runoffs, into the many natural washes, scattered throughout the city. At such times, and then for only short periods, many interseptions and wash crossings become impassable for vehicular traffic. We are accustomed to this, yet it surprises many, who have envisioned Tucson, as a year round, hot, dry, desert oasis.

The 5 day storm did tremendous damage, but this was confined to very limited areas of the city. (mainly the extreme west, north and northeast sections) In contrast, the major TV networks, opted for dramatic visuals, and all but neglected to mention how confined the damage, they showed, actually was.

Nevertheless, my thanks to those of you who expressed his or her concern.

**** The day before I finished typing this current column, I received a copy of the new Joerg Kilgenfuss publication, "GUIDE TO UTILITY STATIONS". This is an updated edition of his General Frequency & Call Sign Guidebook.... New size format, plus combining material from some of this other publications, makes this a very interesting utility reference book. Not enough space remains to properly review it, so this will be the lead off item, in next months Utility Scene.

73s gang.....

MTC

QSL REPORT



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



EDITOR:

Leon Kanopka
139-37 254th Street
Rosedale, New York 11422 U.S.A.
DEADLINE 12TH OF THE MONTH

VIA AEREA

Hello! Welcome to the November 1983 QSL report column. The DX season is once again upon us, so the QSL's should start coming in heavily in the next couple of months. On to the material...

***** AFRICA *****

CANARY ISLANDS-Radio Exterior de España relay Tenerife-15365, f/d art card in 35 days (Evans-TN).

EGYPT-R. Cairo-9475, f/d mosque card in 68d for an irc. Also recd sked and postcards (Mahoney-FL).

GABON-Africa #1-4811, time/freq card in 20d for EE rpt and US\$1 (Sharp-FL). Freq only card in 63d for FF rpt (Barto-CT).

IVORY COAST-R. Abidjan-4940, f/d card in 80d for FF rpt and self addressed envelope (Lipman-NY).

LIBERIA-ELBC-3255, logo card in 38d for ms (Klasek-MO). ELWA-????, broadcasting house card in 87d for an irc (Moore-TX).

LIBYA-R. Jamahiriya-11815, p/d letters in 62d for an irc along with a sticker (Soomre-MA). Same in 457d for an irc (Tate-WV). Same for same in 81d (Kapinos-MA). F/d cards in 27d (Lipman-NY). Same in 44d for 2 irc (van Horn-TX). Best bet here is to send report to the Malta post office box...lnk

MAURITIUS-MBC-9710, f/d flag card in 455d for 2 irc (Constantinedes-So. Af.) Date/freq flag card in 90d (Sharp-FL).

NAMIBIA-R. SWA-4965, f/d nature park card in 114d for 3 irc along with book, sked and sticker (Hosmer-MI).

NIGERIA-Plateau Bcstg Corp-5965, f/d form letter in 38d for 2 irc (Kivell-NM). V/S-F.O.N. Dike

RWANDA-DW-17860, f/d map card in 37d along with a sticker for an irc (Lipman-NY).

(South Africa-)

SENEGAL-R. Senegal-f/d blue and white card in 455d for 2 irc (Constantinedes)

SOUTH AFRICA-R. RSA-9580, 6065, 6020, 9615, 25790, 15325- f/d Ebenezer dam, Johannesburg skyline, or sailboat cards in average of 24d from: Huffaker-MX; Barto-CT; Constantinedes-So Af; Mahoney-FL; Lipman-NY. Some recd a pennant and skeds. Capital Radio-Transkei-3930, date/freq card in 63d for 2 irc (Kapinos-MA).

SWAZILAND-TWR-4760, transmitter folder card in ?? days for 2 irc (Lipman-NY) Same in 37d for ms (Kivell-NM). Both recd stickers. SCR-R. Truro-4890, f/d Swazi warrior card in 20d for US\$1. Report was sent to So. Africa address and V/S was Bill Cookson (Sharp-FL).

TANZANIA-R. Tanzania-5050, date/freq map-logo card in 115d for US\$1 (Sharp-FL). Same in 128d for ms (Klasek-MO).

ZAIRE-La Voix du Zaire-15325, f/d letter in 37d for 3 irc for tri-lang rpt form (Van Horn-TX). V/S-Lepamabila Saye.

***** EUROPE *****

AUSTRIA-ORF-5945, 11665, 15275, f/d art card in 46d (Muzyka-NY). Studio card in 46d for an irc (Spremo-NY). Recreation card in 63d (Blanchette-FL). Art card in 65d (Brewer-AR). Wine press card in 76d for an irc (Moore-TX). Landscape card in 44d (Spremo-NY). Some of ORF's QSL cards are X-rated! Most recd stickers, skeds, and report forms.

BELGIUM-BRT-9880, 11620, 2 cards in 33d (Ducos-France).. 2 beachcards in 27d along with report forms, stickers (Spremo-NY). Chuch card in 28d with sticker (Kapinos-MA). Same in 48d for an irc (Gilmore-MA). Card in 41d (Robinson-TN).

BULGARIA-R. Sofia-9700, 11750, Mausoleum card in 43d along with letter (Freeman-CA). Same in same time (Spremo-NY). Same in 55d (NO NAME!).

CZECHOSLOVAKIA-R. Prague-7345, 11950, 11990, 9 cards in 64d (Kapinos-MA). Card in 148d (Klasek-MO). Cottage card in 87d along with sked, map, slides (Muzyka-NY). Castle card in 100d on 3rd try (Lord-CA). Card in 64d for 2 irc (Adams-MA).

DENMARK-R. Denmark-15165, f/d 1/4 painting card in 13d (Chinsky-NY).

FRANCE-RFI-17620, f/d antenna farm card (I didn't know that antennas grew on farms!) in 16d (Spremo-NY). 50 ann card in 14d for 2 irc (Adams-MA). What do antenna seeds look like? I remember reading someplace about experiments using living trees as radio antennas. I think that the signal would be grounded out in the roots, but I guess that the person doing the experiments had a real "antenna farm" !! lnk

GERMAN DEMOCRATIC REPUBLIC-RBI-9730, f/d building card in 63d (Spremo-NY). f/d card in 17d along with a pennant (Lutsky-QUE).

GERMAN FEDERAL REPUBLIC-RFE-RL-17710, map card in 7d thru Washington QTH (Sharp-FL). DW-6040, 6080, 15275, 21600, n/d ann card in 70d (Gilmore-MA). F/d map card in 30d along with a sticker (Spremo-NY). Same in 44d (NJ-Murphy). Same in 30d for 2 irc (Adams-MA). Same in 36d for an irc (Lipman-NY).

GREAT BRITAIN-R. Canada Intl via Daventry-9555, f/d DIY card in 63d (Kapinos MA). Nice England QSL without the VOA. lnk

GREECE-VOA-Kavala-7200, f/d rodeo card in 9d (Murphy). VOA-Rhodes-7205, f/d San Diego card in 7d (Soomere-MA). ERT-9420, 9865, 11645, f/d view card in 170d (Mahoney-FL). F/d Rhodes card in 57d (No Name!). Same in 53d for 2 irc (Adams-MA). Same in 61d for 2 irc (Lipman-NY).

ICELAND-I.S.B.S.-13797, f/d Thingvellir card in 248d for an irc (Tate-WW).

IRELAND-R. Dublin-6910, Card, letter and sticker in 83d for 3 irc (Brenesal FL). Same in 126d for 2 irc (Spremo-NY). V/S-Owen Kennedy, & Veronica Mahon.

ITALY-RAI-f/d card in 264d (Constantinedes-So Af).

MALTA-R. Mediterranean-6110, f/d map card in 93d for 2 irc along with sked, and sticker (Muzyka-NY). DW-11865, 15105, f/d map card in 29d (Talbot-ALB). Same in 63d (Taylor-SD). Same in 36d for an irc (Lipman-NY). Also recd a sticker. IBRA-9515, date/time card in 46d (Spremo-NY).

NETHERLANDS-RN-Lopik-17605, f/d Van Gogh card in 17d (Lipman-NY).

NORWAY-R. Norway-17715, 17840, QSL in 23d (Ducos-France). Native costume card in 14d (Hevern-NY). f/d Card in 45d (Barto-CT).

PORTUGAL-R. Portugal-6025, 11925, f/d card in 28d (Leite-MA). Painting card in 61d for 2 irc. Also recd a sticker (Gammie-MI). R. Renascenca-11730, f/d card in 100d for 2 irc. AWR-9670, f/d card and newsletter in 43d. Both by (Constantinedes-So Af).

ROMANIA-R. Bucharest-5990, 11810, 11830, 11940, f/d card plus 3 yr certificate in 89d (Klasek-MO). Moldavia card in 46d (Murphy-NJ). Card in 57d along with Romanian stamps (Kapinos-MA). Card in 74d (Ducos-FRANCE).

SPAIN-REE-5970, 11880, card in 34d (Ducos-France). f/d card in 31d for SS rpt (Freeman-CA). Same for SS rpt and an irc in 29d (Moore-TX). Card in 41d (Spremo-NY). Card and old sked in 99d (Kapinos-MA). Painting card in 48d (Thompson-NM). Card in 54d (Gilmore-MA). Same in 30 (McCants-AL)wv

SWEDEN-R.S.I.-9695, f/d logo card in 12d along with a sticker (Chickerell-SWITZERLAND-S.R.I.-9725, f/d photo card in 21d (Brewer-AR).

VATICAN-Vatican Radio-6015, 9605, 11845, f/d 50th ann card in 29d for an irc (Robinson-TN). Same in 19d (Murphy). Transmitter card in 37d (Spremo-NY). 50th ann card in 26d for an irc (Gilmore-MA). V/S-R. Martinez.

*****USSR*****

R. Kiev-11720, 11880, 11960, f/d card and goodies in 64d (Constantinedes-SA) Same in 62d (Ducos-FR). Same in 91d (Lipman-NY).
R. Yerevan-4810, 4990, f/d card and pennant in 53d (Barto-CT).
R. Station Tikhiv Okean-11690, Radio Moscow card in 65d for a RR rpt. Rpt was sent direct, reply was from Radio Moscow (Sharpe-CA).

Not much room here so I will start Radio Moscow on the next page. We are running light on reports this month, and many were recd here late. I think Columbus Day slowed up the mail deliveries. Please try to get your reports here by the 12th of the month. Thank-you. lnk

RADIO MOSCOW-sites-15100 via Moscow (Adams-MA). 15100 via Serpukhov (Schulsinger-OH). 21585 via Dushanbe (Kapinos-MA). 21725 via Vladivostok (Gammie-MI). 17700 via Serpukhov (Van Horn-TX). 15100 via Lvov (Ducos-FR) 11770 via Kiev, 15210 via Moscow, 15265 via Baku, 15490 via Yerevan, 15540 via Askhabad (Greenbauer-AZ).

R. Kiev missorts-17900, f/d plain card in 61d (Gammie-MI). Hotel card in 61d along with sked, stickers and report forms (Greenbauer-AZ).

***** ASIA *****

BURMA-BBS-5040, f/d logo card in 1 yr for ms (Klasek-MO).

CHINA-Jilin/Changchun PBS-6070, f/d card in 22d for EE rpt via Beijing //FL (Hall-CA). R. Beijing-15520, f/d card, sked, and pennant in 25d (Blanchette

CYPRUS-CBC-????, f/d card in 143d after f/up for 2 irc (Brenesal-FL).

INDIA-AIR-11620, f/d card in 59d for 2 irc (Thompson-NM).

IRAQ-Radio Baghdad-9745, f/d card in 133d for 2 irc (Brenesal-FL). Same logo card in 300d for 2 irc (Dillaman-OH).

ISRAEL-Kol Israel-7410, 9815, 11655, f/d card in 59d (Gilmore-MA). Trilingual card in 40d (Freeman-CA). Same in 30d for 3 irc (Adams-MA).

JAPAN-NSB-R. Tampa-9595, f/d headphones card in 68d along with stickers (Talbot-ALB). R. Japan-date/freq cards in avr 25d by: (Freeman-CA). (Thompson-NM). (Lipman-NY). (Thompson-NM). (Ducos-France).

KAMPUCHEA-11938, Voice of the People of Kampuchea-card and sked in 730 days! Direct (Hodgson-So Af). f/d letter in 241d along with sked for an irc (Sato-JP).

KUWAIT-R. Kuwait-11675, 15495, f/d folder card in 40d (Hevern-NY). Also recd was a request for more reports. Same in 28d for an EE rpt on an AA bcst for 2 irc (Greenbauer-AZ).

OMAN-R. Oman-11890, palm folder card in 75d (Sharp-FL).

SINGAPORE-R. Singapore-5052, f/d skyline card in 203d for ms (Klasek-MO).

SOUTH KOREA-R. Korea-11830, traditional dance card in 95d (Talbot-ALB). 15575, f/d card in 47d (Ducos-France). Seasons of Korea card in 24d along with sked, sticker, and pennant (Lipman-NY). Same in 20d (Wilkins-CO)

SRI LANKA-VOA-9645, 11710, f/d San Diego card in 10d (Greenbauer-AZ). Same in 6d (Soomre-MA). I do not know why, but my last two reports to the VOA have taken over 2 months for them to answer; quite a change from the usual 5-9 day reply time...lnk

TAIWAN-YOFC-11740, f/d butterfly QSL in 212d for 2 irc (Thompson-NM).

TURKEY-Vof Turkey-9560, 11755, f/d ruins card in 170d for ms along with a pennant, and sticker (Card-RI). Card in 16d for an irc along with a pennant (Spremo-NY).

UNITED ARAB EMIRATES-17755, 21655, UAE Radio @ Dubai-f/d map card in 25d for US\$2. Pennant also recd (Hull-WA). Same in 20d (Murphy). V/S- K. F. Fenner. Same in 25d for 2 irc (Estes-??).

VIETNAM-V of Vietnam-15010, f/d folder card in 91d (Kapinos-MA).

YEMEN ARAB REPUBLIC-R. San'a-9780, form letter in 40d for US\$1 (Sharp-FL).

***** PACIFIC *****

AUSTRALIA-VLW6-Wanneroo-6140, ABC map card in 22d for an irc (Talbot-ALB). Stickers were also recd. V/S-J. Metaxah. VLW15-Wanneroo-15425, same in 29d (Talbot-ALB). Same along with many stickers in 99d for an irc (Moore-TX). R. Australia-9580 via Shepparton, card in 46d for an irc (Robinson-TN). Regent Bowerbird card in 26d along with a poster (Murphy-NJ). Kookaburras card in 16d for an irc (Spremo-NY).

GILBERT ISLANDS-KIRIBATI-R. Kiribati-16433, f/d canoe racing card in 15d after f/up for 3 irc (Gavaras-MN). Miss Takoi B. for Engineer in Charge.

MARIANA ISLANDS-GUAM-KTWR-11840, f/d card in 27d for an irc (Brenesal-FL). 5th ann card in 22d for 2 irc (Estes-??). A US 20¢ stamp is OK here for rp, as this is a US territory...lnk

NEW ZEALAND-RNZ-17705, f/d card in 14d for 3 irc (Freeman-CA).

PAPUA NEW GUINEA-R. New Ireland-p/d letter in 54d for 3 irc (Brenesal-FL). V/S-A. Luriu, manager. R. East Sepik-3335, f/d personal letter in 150d for US\$1 (Sharp-FL). David says he has been waiting 5 yrs to get a PNG

verie. Congrats. I have been trying for 3½ years to get a QSL from the NBC, as I have not been lucky enuf to hear a regional...lnk

SOLOMON ISLANDS-SIBC-9545, f/d logo card in 38d for 2 irc (Estes-??).

VANUATU-FORMER NEW HERBRIDES-R. Vanuatu-7260, f/d slit gong card in 105d for an irc (Talbot-ALB). V/S-Peter Salemalc.

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

ALASKA-KNLS-6170, 11820, f/d letter in 18d for 2 irc and ms (Kosugida-JP). f/d form letter in 13d for ms (Stephany-NY). Same in 10d for 2-20¢ stamps (Gavaras-MN). V/S-Francis M. Perry.

ANTIGUA-BBC-St. John's-6175, n/d letter saying no qsls direct in 22d. V/S-James W. McKay. Address-Box 1203, St. John's (Murphy-??). DW-6040, 9545, f/d map card in 44d (Murphy). Same in 31d for an irc (Kapinos-MA).

CANADA-CFCX-Montreal-6005, Montreal view card in 11d for ms (Soomre-MA). Also recd stickers. CFRX-Toronto-CFRB plane card in 10d for ms (Soomre-MA). CKFX-Vancouver-6080, f/d logo card in 32d along with stickers for ms (Talbot-Alberta). CHNX-Halifax-6130, f/d scenes card in 25d for ms along with stickers (Soomre-MA). CKZN-St. John's-6160, CBC folder card in 21d for US\$1 (Lipman-NY). Same in 15d for ms along with stickers (Soomre-MA). Same in 17d (Murphy-NJ). V/S's-CHNX-Ken J. Arseneault, CFRX-Clive Eastwood. CKFX-T. Rattenbury. CKZN-D.Uttaro. R. Canada Intl-5960, 9755, DIY cards in 18wks (Wilkins-CO). Same in 77d (Talbot-Alberta). Same in 88d (Spremo NY). Nice crop of Canadian regionals this month...lnk

COSTA RICA-R. Reloj-4832, f/d card in 14d for an irc and a tri ling rpt form (Van Horn-TX). TIPC-5055, f/d microphone card in 63d for a SS rpt and an irc (Sato-Japan). V/S-Juan J. Ochoa. R. Impacto-6150, letter from Herberth Vasquez Viquez with p/d in 100d for a SS prt (Huffaker-MX). Same in 67d for SS rpt ans ms. (Hall-CA). Both recd stickers and offer to trade bumperstickers and stamps. Home address of V/S- Rio Segundo Centro; Alajuela, Costa Rica.

CUBA-R. HABANA-11930, f/d fortress card in 112d along with stickers for a SS rpt (Mahoney-FL).

DOMINICAN REPUBLIC-R. Maximo Gomez via R. Clarin-L Voz del CID-11700, f/d letter in 36d for a SS rpt to Chicago Address. (Barto-CT). Same from Costa Rica for report to Miami in 10d for 20¢ stamp. (Gavaras-MN). Addresses-Box 60226; Chicago, IL 60626/10020 SW 37th Terrace; Miami, FL 33165. Apartado 8130; San Jose 1000; Costa Rica.

GUATEMALA-R. Tezulutlan-4835, f/d photo card in 54d for ms and a SS rpt. (Mahoney-FL).

HONDURAS-HRVC-4820, f/d logo card in 67d for and irc (Talbot-ALB). Same card in 14d for an irc. A pennant was also recd (Murphy-??).

MEXICO-XEUJ-5980, Linares, N.L.-f/d card in 21d for ms and an EE rpt (Huffaker-MX). Also recd was a personal letter and a postcard. V/S-Marcelo Becerra Gonzalez-Director General.

MONTSERRAT-DW-11705, f/d card in 37d for EE/GG rpt (Hevern-NY).

NETHERLANDS ANTILLES-TWR-11815, f/d antenna card in 32d for 2 irc (Freeman-CA). f/d card in 20d (Murphy). Note saying that new QSL's and pennants are almost ready was also recd. R. Nederland-6165, 9590, Drawbridge card in 38d along with a pennant and sticker (Murphy-NJ). Same in 16d (Gilmore-MA). Same in 25d (Gammie-MI). Same in ?? days (Spremo-NY).

NICARAGUA-The Voice of Nicaragua-5950, date/freq letter in 88d for an irc (Stephany-NY). Also recd 2 pennants. Same in 65d (Spremo-NY).

THE UNITED STATES OF AMERICA-VOFC via WYFR-5985, f/d card and goodie pack in 186d (Chinsky-NY). VOA-Delano-card in 6d (Soomre-MA). Voz de la OAS-11830, f/d card in 215d along with a sked for an irc (Lipman-NY). VOA-Greenville-f/d cards in about 13d (Soomre-MA). (Spremo-NY).

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

ARGENTINA-RAE-11710, f/d card in 48d for 3 irc, also recd a pennant, and decal (Adams-MA). Same in 33d (Ducos-FR). Same in same time (NO NAME!). R. El Mundo-6120, f/d logo card in 21d for an irc and a SS rpt (Stephany-NY).

BRAZIL-R. Brag-15290, f/d card in 20d for an irc (Robinson-TN). Same in 16d (Greenbauer-AZ). R. Brazil Central-11815, 4985, p/d letter in 41d for a PP rpt (Barto-CT). V/S-Jose Pedro Rego, Dir. Brazil is continued...

Brazil-Continued-R. Nac do Rio De Janeiro-9705, p/d letter in 44d for a PP rpt (Barto-CT). R. Clube de Dourados-3375, date only card and letter in 45d for a SS rpt (Barto-CT). A large green pennant was also recd. Radio Clube, Ribeirão Preto-15415, date/freq letter in 28d along with stickers for a PP rpt and 2 irc (Parks-FL).

COLOMBIA-R. Cinco-5040, date only letter in 246d for a SS rpt and ms (Kivell-NM).

ECUADOR-HCJB-6095, 6130, 11835, 15155, f/d communications cards in 11d for an irc (Freeman-CA). In 35d (Brewer-AR). In 16d for 60¢ stamps (Spremo-NY) In 90d (Taylor-SD).

FALKLAND ISLANDS-FIBS-2370, f/d card in 42d for US\$1 after 4 f/ups (Sharp-FL). Same for 2 irc (Brenesal-FL). V/S-Mr. Davies.

PARAGUAY-R. Nac-9735, freq only letter in 22d for 2 irc (Brenesal-FL). Same in 28d for SS rpt and 2 irc (Dillaman-OH). Same in 60d for SASE and SS rpt (Card-RI). V/S-Carlos Montaner.

PERU-R. Tropical-4935, n/d card and 20th ann pennant in 28 wks after f/up 51 wks total for SS rpt (Wilkins-CO). V/S-Juan Pablo Mori M. Ondas del Huallaga-3330, n/d letter and pennant in 49d for a SS prt (Barto-CT). V/S-Flaviano Llanos M. R. Atlantida-4790, decal and f/d letter in 24d for ms and a SS rpt (Card-RI) V/S-Ivon Tendrio Mutute. R. Qollasuyo-f/d letter in 37d for 2 irc (Brenesal-FL). V/S-David Gamero Alarista, Administrator.

VENEZUELA-R. Juventud-4900, f/d studio card in 39d for a SS rpt and MS (Van Horn-TX). Ecos Del Torbes-4980, f/d logo card in 30d for tri lang form and ms (Van Horn-TX). D. Gonzalez was the V/S. R. Barquisimeto-4990, date only card in 94d for a SS rpt (Pagano-DC). Catatumbo Internacional-9620, f/d personal letter in 222d for a SS rpt and 2 irc (Parks-FL). R. Tachira-4830, card in 75d for 2 irc (Brenesal-FL). Date only card in 13d for a SS rpt (Pagano-DC). Card in 65d for a SS rpt and MS (Mahoney-FL). V/S-Desiree Gonzalez.

***** CLANDESTINE *****
***** AND PIRATES *****

KPRC-USA-1616, card in 50d (Stephany-NY).

KIWI Radio-New Zealand-6225, f/d card in 21d for 3irc (Spremo-NY). R. Antonio Guiteras-L V del CID-f/d letter in 36d for report to Chicago address (Barto-CT). R. Ignacio Agramonte-L V del CID-same in 36s for SS rpt to Chicago. V/S-Paplo Pena. (Barto-CT). Freqs were 7350, and 5106, respectively. Voice of Peace-International Waters-6240, f/d form letter in 31d for 2 irc (Parks-FL).

***** LATE ARRIVALS *****

IRELAND-World Music Radio-6910, f/d card in 22d for 2 irc (Estes). Same in 14d for 3 irc (Stephany-NY). V/S-Lee Alvin.

MALTA-IBRA-9515, f/d card in 73d (Barto-CT).

PORTUGAL-DW via Sines-11905, f/d map card in 52d (Stephany-NY).

LIBYA-R. Jamahiriya-11815, f/d card in 37d for 2 irc via Malta (Stephany).

NIGERIA-Plateau Bcstg Corp-5975, f/d letter in 37d for ms (Stephany-NY).

TANZANIA-5050, R. Tanzania, date/freq card in 182d for 2 irc (Stephany-NY). V/S-E.M. Fgui.

***** TIP OF THE MONTH *****
This months tip comes from Donald Hosmer. He says to send along a photo of yourself and your radio shack. This got him the attention of a worker at Radio Uganda, and got him a prized QSL there. If you can, it may help to bring some of your personal life into the photo. By this I mean to have your children, or spouse (Or your pet for those of us without the first two!) in the photo also. This makes it more friendly.

The reports ran very light this month. I hope that it picks up next month. Even my mailbox has been empty, an extremely depressing experience for many people this time. I have plenty of information to pass on to you, so I'll start that immediately on the top of the next page...

To Don Hosmer goes the prize for supplying me with the Tip of the month for this month. He will receive a R. France International pennant. The thanks for this prize goes to Trevor Stanley for his contribution of 8 RFI pennants to the prize pool.

FEBC-Manila has a new Frequency Manager, Mr. M.D. Chase; Far East Broadcasting Co.; Box 1; Valenzuela, Metro Manila; Philippines 2627. Contact him for QSLs and to supply FEBC with monitoring information. (TNX Oct-1983 ANARC Newsletter).

John M. Kapinos, former editor of this column, has announced the demise of his Swaps Newsletter. This was due to a general lack of interest from the Radio Hobby Community. Anyone who had a SASE on file with Kap for future issues should be hearing from him shortly. (Oct-1983 ANARC NL). Sorry to hear about this John.

Radio Libya has been QSLing rather reliably as of late, so go and get them. The best bet is to mail the reports to the Malta box number.

Australian RDXC will no longer be announcing the availability of QSL cards in any of its pgms, unless for spl occasion. Reports should be sent to ARDXC QSL Service, Box 227, Box Hill Victoria 3128, Australia. Reports which satisfy our revised conditions will be QSLed and sent airmail (outside Australia). Conditions include: must be on club official form or replica; r.p. required--two IRCs overseas; legible and detailed; sent by airmail within one week of broadcast; non-members' reports should follow EDXC Reporting Guide preferably on official report forms of DX clubs. Policy revisions are partly caused by large number of reports received from overseas which are illegible and very badly prepared. These emerge generally from North America, and it is obvious that there are inadequate or ill-conceived guidelines available for the correct manner in which reports should be submitted. This is something that the primary DX clubs in NAM might address. Frankly, we've found that many reports are atrocious, most are mere demands for a QSL, with little authenticating details. Reports that are prepared on official report forms, issued by clubs overseas, are invariably well laid out and properly written. Only one QSL per station, even if heard on more than one frequency. All this concerns ARDXC segments on these DX programs: R. Australia Spectrum, HCJB DX Partyline, TWR Guam DX Listener's Log and SLBC Radio Monitors International. (August Australian DX News, from September NASWA Listeners Notebook).

I think that this release raises some very interesting subjects. The QSL card is the final token, issued as a courtesy by some radio stations, in thanks for a correct reception report. It is issued voluntarily by the radio stations, often at a great expense to themselves. It is not a requirement of a radio station. Reception reports should be polite, asking kindly for a QSL card, not demanding one. There should be enough precise detail to prove the accuracy of the report. The vital details, such as date, time, and frequency are never to be overlooked, as the lack of these make the report useless. Politeness in the report is absolutely essential. These reports, like the radio stations themselves, can help to promote goodwill between the people of different nations. They can also make those very same people think that we have no manners, and are rude, obnoxious individuals. Many stations have stopped QSLing because of these very same reasons. We have a very educational, interesting, and rewarding hobby. I do not want to see it destroyed by people who do not take it seriously.

You can be sure, that when a person gets a QSL from a very rarely verified station (even if commonly heard), it was not due to the fact that he demanded a QSL from them. It was due to the individual diplomacy of the person. To receive (a QSL), one has to give a little (politeness, return postage, etc.). There are many ways to prepare a proper report. The use of forms, as stated above, is the easiest. The ones sent out by the radio stations themselves are best when reporting back to that station, as it asks for what the station wants to know. These can also be used for other stations. Club forms are very good also. For regional stations--personal letters, containing the ingredients above, in the native language of the station, are best. Foreign language report guides are available from most clubs, and are also excellent reporting guides.

For the QSLers who prepare proper reports, thank you. For those of you who do not, I would strongly recommend that you look into some reading material on the subject, to better advise yourselves of the techniques.

I want to take the time now to wish all U.S. readers a very Happy Thanksgiving.

HCJB reports that they are having a problem receiving incoming mail. They report that up to 90% of all incoming mail is being lost. Listeners have been asked to refrain from writing to the station for the time being, or to use postcards or aerogrammes. (Don Rhodes & Tauno Isokangis, ADXN-Sept, thru NASWA LN-Oct.).

The Space Shuttle is making another flight at the end of October. I do not know if it will be too late when you receive this, but the FCC has authorized blanket coverage of any station that wants to relay the Space Shuttle audio, for amateur radio operators. This is due to the significance of this mission to AROs. Owen Garriott, W5LFL, will be aboard the STS-9, and will be the first "Ham in Space", and he will attempt 2 metre contacts with earth bound amateurs. This may be good listening on the local 2 metre band for those out there with scanners. For those without scanners, you may try to listen to W5RRR, Johnson Space Center, on 14283 USB or around this frequency, for relays of direct shuttle audio. Good-luck.

The best source for mint stamps for return postage is: DX Stamp Service; 7661 Roder Parkway; Ontario, NY 14519. Send George a SASE for his latest price list. Tell him that SPEEDX sent you.

We had 53 contributors this month, the slowest one since I started 4 months ago. There has been a steady decline since I took over the column. I hope that this is not due to me! Hi! Things have been generally slow for this month, as even my mailbox was empty. I sure hope things pick up for next month. I am still waiting for more comments, and personal notes from the membership. When you mail in your next contribution, why not put in a note and tell me a little about yourself. I would be happy to learn something about the people who contribute here. How about it???

To those of you out there who collect pennants. How would you like to see a Pennant Corner? It would be either monthly, or bi-monthly, listing the radio stations that have been sending out pennants, as reported to the column that month. Let's hear from you.

Tip of the Month needs your support! I have been receiving contributions to this feature at the rate of one per month. This works out great, but if one month I do not get a contribution for it, I will have to fudge it. I would like to build up a small supply of tips, so I can select the best one each month, and still have left over for next month. Come on people, I know that there are more techniques out there than I have heard about. What works for you, can help the rest of us. CONTRIBUTE!!!!!!!!!!!!

That about raps it up for this month. Now go get out those typewriters and report to those stations, and let us know about your successes!

OAH7A
OAH7G

Radio Cusco Peru
1936-83

Tnx John Wilkins-co

Radio TURISMO
970
i..EN EL CORAZON DEL PUEBLO..!
★★★
VALERA - VENEZUELA

73- Leon WZKRL

RADIO TROPICAL

TARAPOTO — PERU

Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

Technical Roundup

SPEEDX'S RECEIVER, EQUIPMENT
AND ANTENNA REVIEW SECTION

THE ESKA RECEIVER RX 12 PL

GENERAL

by Rafael Calabuig, Denmark

I have with great interest read the article "The High Fidelity Future of Shortwave and Mediumwave AM Radio", published in the 1983 World Radio and TV Handbook, written by Lawrence Magne—a regular contributor to the annual test reports of new receiving equipment. The above-mentioned article revealed very positively the new—made in Denmark—portable receivers from ESKA ELEKTRONIK ApS. Amongst the various models, the most interesting for SW listeners and DXers is the model RX 12 PL, because this set is able to provide AM, LSB and USB-reception. Moreover, the RX 12 PL has the most significant feature: the Phased Locked (PLL) AM detection (see elsewhere in this article).

Consequently, I contacted the factory and obtained one set at my disposal for testing purposes. I put the RX 12 PL in my radio-shack, which consists of a Collins 390A/URR and a Drake TR7 (whose receiving section is similar to the R7 model). By means of a special switch, I could without any trouble connect the same antenna to the 3 receivers. I used a 41.5 m long Windom antenna, connected via a 6:1 balun and coaxial cable to the antenna coupler.

For those of you, who did not read the article of LM, I would like to explain that the ESKA RX 12 PL is a fixed frequency receiver for the reception of max. 12 frequencies in the range of 150 kHz - 30 MHz (reception down to 50 kHz is possible, if required). These frequencies can easily be exchanged by means of plug-in crystals and coils. This operation can be performed even by the less technically-inclined persons.

The results of this test is as follows:

Dynamic range: The dynamic range of the ESKA RX 12 PL model is, in my opinion much better than that of the Collins 390A/URR and comparable to the Drake TR7. Overloading did not occur, in spite of the long antenna used during this test. Another test, which I previously made with a Sony CRF-1 receiver, indicated that the dynamic range of the ESKA RX 12 PL is undoubtedly better, than this Sony receiver. The explanation of this phenomenon is as follows: The RX 12 PL model has no RF Amplifier, after the filters, the antenna signal enters directly into a dual-gate MOS-FET mixer, a principle also used in the Drake R7 and TR7.

Usable sensitivity: In the SW-ranges below 15 MHz, the sensitivity of the RX 12 PL seems to be much better than that of the Collins 390A/URR and is comparable to the sensitivity of the DRAKE TR7. Above 15 MHz, the sensitivity of the RX 12 PL is superior to the TR7, due to the RF gain incorporated in the high frequency range.

Circuit noise: Comparable to the Collins 390A/URR and more quiet than the TR7. The RX 12 PL uses quartz crystals and this accounts for the freedom from synthesizer noise.

Stability: Much better than that of the TR7 and comparable to the Collins 390A/URR, with switched-on oven. The test took place 4 hours after the Collins was switched on.

Spurious response: It is impossible to carry out this test, due to the lack of an external WFO in the RX 12 PL.

Skirt selectivity: The same quality as used in the Collins 390A/URR and Drake TR7, very good for DX-purposes. The RX 12 PL uses high quality ceramic filters (1 filter for AM reception and 2 filters for SSB reception—see technical specifications).

SSB reception: Very clear and intelligible.

PLL, ECSS reception: (ECSS means Exalted Carrier Selective Sideband). As I have mentioned in the beginning of this article, the phased locked AM reception is the primary "virtue" of the ESKA receiver. The AM stations are received with an SSB

detector, which phase locks on the AM station's carrier. The advantage of this system is that selective fading distortion (which occurs during reflection of radio waves in the ionosphere) is eliminated. The carrier, which disappears for a short while during selective fading, is replaced internally in the receiver. This can be accomplished by switching the "filter" switch into the AM position and the "mode" switch into the SSB position. Then the clarifier is used for tuning "Zerobeat" to the AM station's carrier, whereafter the "mode" switch is switched into the position PLL. In the PLL mode, USB and LSB can be selected independently. In this way, the ECSS-reception can be fully realized. In practice, this means that if we for example tuned an AM station in the ECSS-mode, with a Drake R7 and managed after a long time to get the voice or the music to sound natural, we will have to retune again and again every 10 minutes. However, if instead of the Drake R7, the ESKA RX 12 PL is used under the same conditions, using the same sideband in the PLL-position, the "natural" sound of the speech or music will continue all the time, without the necessity of re-tuning.

IMPORTANCE FOR SWL'S

The ESKA RX 12 PL Connected to Other Receivers: After having tested and appreciated the performance of the RX 12 PL receiver, I began to think about a receiver-combination, which would perform as a superb DX-machine—using the advantages of the RX 12 PL. This would be an ideal device both for SWL and DXing. Wherefore, I called the Director of ESKA Elektronik ApS in order to discuss this problem with him.

We agreed that the most simple solution was to insert a coil and crystal in one of the 12 positions of the RX 12 PL for the reception of the IF (Intermediate Frequency) of any receiver, and connect the IF output of this receiver to the antenna-input of the RX 12 PL. (The sensitivity of the RX 12 PL receiver is reduced for the IF channels to approx. 50 uV for 10dB S+n/n, in order to improve large signal handling capabilities). In this way, the ESKA RX 12 PL becomes a general coverage receiver.

The following was done:

On the rear of the Collins 390A/URR, there is a jack for the 455 kHz IF output. Together with the ESKA RX 12 PL, equipped with a crystal for 455 kHz, an interconnection cable between the IF output of the Collins and the antenna input of the ESKA, the Collins 390A/URR will be converted into a superb DX-machine.

This procedure can be accomplished even by the nontechnically inclined individuals in the following manner:

1. Disconnect the speaker-unit from the Collins 390.
2. Connect a suitable cable between the IF output of the Collins and the antenna input of the ESKA.
3. Switch the channel selector of the ESKA into the 455 kHz IF position.
4. For improved sound quality, connect the speaker-unit for the Collins (4-8 Ohm) to the earphone output of the ESKA.

This receiver combination performs according to my opinion better than any other actually existing receiver, regardless of its price class. All above-mentioned operations, can obviously be applied to any high stability receiver. Just connect the IF output of a given receiver to the ESKA RX 12 PL, equipped with a crystal corresponding to the IF frequency of that receiver. For example, the JRC NRD-515 and the Collins R-392 have both 455 kHz IF outputs available, and the earlier described interconnection procedures applies for these two types of receivers as well. For the Drake R7, which is a 50 kHz IF, the RX 12 PL must be equipped with a corresponding crystal and coil. It will be necessary to make an IF output inside the Drake R7, as this is not readily available.

THE ESKA RX 12 PL AS A PORTABLE RECEIVER WITH BUILT IN WHIP ANTENNA

This test took place during the DSWCI DX-meeting at my home near Copenhagen in April 1983. The ESKA RX 12 PL was compared with the SONY ICF-2001 which we had at our disposal. This test clearly showed the superiority of the RX 12 PL over the SONY ICF-2001—especially for "difficult to catch" stations, which is mainly due to the high quality filters inside the ESKA, and its earlier mentioned phased locked AM system.

The major advantage of the SONY ICF-2001 is according to my opinion the high quality of its loudspeaker which is specially evident when tuned to local or strong stations. The RX 12 PL as a portable receiver has one main shortcoming—namely, its 12 fixed channels, regardless of the fact that the exchange of crystals and antenna coils is very simple, even for the less technically-minded individuals. The audio quality of the built-in loudspeaker is very intelligible, although somewhat crispy, with the tone-switch in its "high" position. However, this receiver—as a portable—has been aimed at and built for SWL and DX applications, e.g. travellers or residents who wish to listen to programs from their country of origin, giving optimal intelligibility and easy operation.

List prices (excl. value added tax (Danish MOMS)):

The RX 12 PL.....Dkr 1795.-
Crystals and coils.....Dkr 80.-/each

Manufacturer: ESKA Elektronik ApS, Møllestræde 5, DK-3400 Hilleroed, Denmark

TECHNICAL SPECIFICATIONS OF THE ESKA RX 12 PL:

Selectivity:

USB 2.0 kHz at -6dB & 4.0 kHz at -70dB
LSB 2.0 kHz at -6dB & 4.0 kHz at -70dB
AM 4.5 kHz at -6dB & 10 kHz at -70dB wide
AM 2.0 kHz at -6dB & 4.0 kHz at -70 dB narrow

Frequency Range:

150 kHz - 30 MHz

The receiver uses plug-in crystals and antenna coils, for fast frequency changing.

Sensitivity:

0.5 μ W for 10 dB S+N/N
Excellent overload properties.

AGC Range:

90dB

AGC Time Constant (SSB):

Fast attack/slow release.
Attack 20ms and release 3.0 sec.

AGC Time Constant (AM):

Fast attack/fast release.
Attack 20ms and release 0.3 sec.

Clarifier Range:

\pm 1.5 kHz

Frequency Tolerance:

\pm 1.0 kHz or less

I.F. Frequency:

Double conversion 10.7 MHz and 455 kHz

Lock Range:

\pm 200 Hz in position AM-PLL

Audio Output:

1 watt max.

Tone Control:

3 position switch Low-Medium-High.

Loudspeaker Diameter:

77 mm (3 inches)

Battery Low Indicator:

Red light appears when battery voltage is below 4V

Batteries:

4 X 1.5 V penlight batteries, size AA (UM3) or 4 X 1.2 V rechargeable NiCd batteries
500 mA/h

Power Consumption:

AM: 30 mA, SSB: 40 mA

Battery Life Time:

Normal batteries: approx. 30 hours
Alkaline batteries: approx. 60 hours
Rechargeable batteries: approx. 15 hours (between recharge)

Inputs (3.5 mm Jack):

Battery charger & external antenna (50-100 Ohm)
External VFO via tape recorder output

Outputs (3.5 mm Jack):

Tape recorder, earphone/external speaker.

Dimensions:

195 (H) x 105 (B) x 50 (D) mm
7.6 x 4.1 x 2 inches

Weight:

659 g (1.5 lbs)

Warranty:

1 year on manufacturing and components.

Any questions about this receiver and the interconnection to other receivers will be answered. Please write to me (and enclose an IRC-coupon).

Rafael Calabuig, Langaavej 19, DK-2650 Hvidovre/Copenhagen, Denmark.

(This article appeared in the August bulletin of the DSWCI)

McKAY DYMEK—FADELESS HIIFI!

by Ronald Pokatiloff, IL

No shortwave radio is more underrated and overlooked than the McKay Dymek DR33C. The villain in this case is the review in the 1980 WRTH (pp. 557,560-61)/ I own the DR33C and wouldn't sell it even if you

offered me \$1500! For listening—and even some DXing—the Dymek is in a class by itself.

To set the record straight, as far as the handbook's review is concerned, the rig is sensitive enough with the preamp off, does not "hiccup" in ECSSB (you must reduce the IF gain), and has very quiet circuitry. There may be slight circuit hiss, but it goes mostly unnoticed along with the shortwave static. The AGC is no problem, but can be fixed. The noise limiter does distort some. This is normal and is mentioned in the manual. There is more, but you get the message.

The basic specs are what you would expect in a high priced rig. The receiver does need it companion passive preselector if you do serious DX—but this radio is basically designed for listening.

Now for the good things that make the Dymek a GEM—tuning ease, signal quality, and fadeless music reproduction:

1. Tuning—It takes only about 4 seconds to switch frequencies. It's a pleasure using the novel digit-by-digit system. Furthermore, bandscanning is not as difficult as you might imagine.
2. Audio—Most radios have 10% THD in their audio. The DR33 has only 1% distortion, has very quiet circuitry, and has clear background on most frequencies. This produces excellent signal readability and outstanding audio quality. Contrary to the WRTH review, the McKay is high fidelity. The mediumwave is better than the average stereo receiver, not only in selectivity and sensitivity, but also in noise immunity. Also, the audio on the DR33 is comparable—considering the limitations of SW—to the sound on an FM stereo receiver. The Dymek looks hifi, and sounds like it to!
3. Fadeless Music—The McKay's filters can be employed in any mode. Amazing as it seems, the product detector (BFO) can be used with a double sideband, wide AM selectivity. This produces high quality music with no fade distortion whatsoever! Needless to say, the SSB and ECSSB audio is superb. However, in all exalted carrier modes, there is an internally generated spur. It sounds like "purring" in SSB Selectable Sideband position. An audio filter can minimize this interference on voice reception, with an equalizer doing the job with a wide frequency signal.

Conclusion:

Computer aids, memories, and other gadgetry is not going to do you much good on your Low Fi shortwave sets—most of the time. The McKay Dymek DR33C offers the listener a substantial improvement in audio quality and readability—and it is the audio that courts. A word of warning before you buy this radio—check the inside!!! My receiver looks like it was assembled by a drunken wino straight from the Salvation Army! But the DR33 works well, and seems to be very dependable. Finally, the McKay Dymek Company was bought out by Stoner Communications. From personal experience, I have found out that the only thing you can expect from Stoner is—the parts.

(Instructions to Dymek DR33 owners on using the radio in fadeless music mode: 1. go to cw position. 2. Switch to 8 kHz selectivity. 3. Zero beat and carefully fine tune for clear signal. I may add that the Japan Radio NRD 515 is not capable of AM product detection—I tried it.)

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KANTRONICS CW/RTTY/ASCII COMPUTER INTERFACE

by Robert C. Brock, WI

Pulse type communication modes, such as CW and Radioteletype, have a fascination of their own particularly when coupled with military or world-wide news services. Until a few years ago anyone receiving or transmitting in these modes

required a proficiency in morse code and, in the case of Radioteletype, large noisy pieces of equipment requiring a lot of room and constant mechanical adjustment. Modern technology has changed this completely, affording both the casual and serious enthusiast almost professional results with a modest investment. Today's personal computers have opened up an entirely new world of radio communication, which in most cases, surpasses the effectiveness of voice communications.

As an active radio amateur and SWL enthusiast, I wought to couple my computer, an Apple II+, to my radio equipment. I decided on an inexpensive approach and purchased the Kantronics Interface. This unit is compatible with a wide variety of computers such as the Apple, TRS-30, VIC 29, TI-99, etc. Kantronics also merchandises appropriate software to complete the necessary package needed to copy CW, RTTY and ASCII.

Specifically "The Interface" may be used for receiving and transmitting, and may be connected to suitable equipment with ease. All software, except for the Apple II, are on program boards that plug directly into the computer. For the Apple II, the interface plugs directly into the computer without any additional boards. In addition, an ample array of plugs are provided for almost any system. For receiving only, the only necessary connection between the interface and the receiver is to the headphone plug or across the receiver speaker to receive all modes. Kantronics has provided a well written manual that thoroughly explains the method of operation as well as all pinouts on the back panel. All internal filtering is of the active filter type, regardless of mode.

Specifications:

- CW.....5 to 99 wpm.
Center audio frequency 750 Hz. with 180 Hz. bandwidth
- RTTY.....60, 67, 75, 100 wpm
Standard audio frequencies of 2295 Hz. space and 2125 Hz. mark with a shift of 170 Hz.
- ASCII....110 and 300 Baud. Other specifications same as RTTY.

The audio input to the interface from the receiver requires a level of 70mv. RMS as a minimum. This requires a rather loud volume setting. In my case I compensated for this by using a step-up transformer. I used a 110v/6.3v AC transformer and connected the 6.3 volt winding to the receiver and the 110 volt winding to the interface. This provided a step-up in audio level while keeping the volume at a comfortable listening level. The input to the interface is protected from too high an audio level with large diodes.

Actual use of the unit is quite straight forward. One only need select the mode and then the speed. For example: To select the RTTY mode simply press the "R" key. The screen displays the mode and current speed along with a split screen format. The receive speed is then set using a CTRL-S key. Repeated pressing of the key moves the speed level higher. In the CW mode the computer automatically selects the speed to match the speed of the received code. This will change as the sending rate changes. I have used the CW mode in full receive and transmit at speeds up to 65 wpm with good accuracy. If hard copy is desired the interface supports all Centronics type parallel printers.

As with all devices there are limits. While the interface provides the user with the convenience of solid state technology, the level of technology in this unit is less than most envision. Accurate copy is affected by static, fading and adjacent channel interference. The filters employed are quite sharp and intollerant of straying from the center frequencies. A stable receiver with selectable sidebands is essential. Tuning is accomplished with a ten segment LED tuning bar on the front of the interface that helps a great deal, but one must develop a feel for tuning to be successful. When tuning in CW signals the audio level is quite critical and requires only enough audio to completely light the tuning var. I also use an Autek Audio Filter and have found that using such a device ahead of the interface makes a substantial improvement to the degree that I can copy through all but the worst conditions.

While many commercial stations use shifts of 850 and 425 Hz., the interface is broad enough to copy up to 425 Hz. shift, but the 850 Hz. shift is beyond the limits of the filters. Inverse copy, that is reversing the mark and space pulses, is done by merely changing the sideband on the receiver. Normal copy is done using the lower sideband. The interface is a good compromise considering its modest price of \$169.95. An additional AC wallplug power supply is also needed if suitable power cannot be taken from the receiving equipment. Software varies in price from \$29.95 to \$99.95 depending on the computer. Generally, the more inexpensive the computer the more expensive the software. This is necessary to compensate for those items left off the computer which made the lower price possible in the first place. I have absolutely no problems with my unit and have used it almost daily for the past six months. Telephone conversations with the Kantronics people concerning software and modifications has been courteous and helpful. The interface can be ordered through various dealers or directly from Kantronics, Inc., 1202 E. 23rd Street, Lawrence, KS 66044.

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COMPUTERS IN YOUR RADIO HOBBY
by Tony Kobylski, MD

The computer has made its way into our hobby. There are many to choose from but I chose the Commodore VIC-20. As a computer service engineer I found the VIC-20 gave the best price feature ratio. Well enough of that stuff. On to the meat of this report.

I would like to discuss a program I use in my listening station. The program will enable the computer to take the longitude and latitude of 2 points on the globe and tell you how far apart they are in miles and kilometers and give you the bearing in degrees to the second point from the first.

There are a few instructions and considerations to make here. This program uses the arc-tangent function. I'm told that some versions of the BASIC language do not support this function. If yours does not, you can contact me (through the editor of T & T) and I will send to you a short routine to do this calculation. Now, the instructions for using the program. Consider the first location. If the second one is in another hemisphere, you will have to enter the degrees of either longitude or latitude or both as a negative number. As an example, lets look at Baltimore, Maryland and Warsaw, Poland. Baltimore is located at Longitude 76° 37', Latitude 39° 18' and Warsaw is Longitude 21° 0' East and 52° 31' North. Since this is in the opposite hemisphere than Baltimore, you must enter the degrees of longitude as a negative number. If the second location was in the southern hemisphere, you would have to enter the degrees of latitude as negative numbers. You can not enter any element—degrees, seconds, or minutes as a 0. If you have this, enter it as a 1. The resulting error will be negligible. The results of entering these coordinates will be that Warsaw is 4410 miles and 7098 kilometers on a bearing of 42.21 degrees from Baltimore.

I use this information in my reception reports. It will also be helpful if you have a directional antenna and maybe in some phase of propagation forecasting. After each entry to the program, it will ask you if your input is correct and allow you to correct if needed.

There are some special characters in the program listing that will be strange to you if you do not have a VIC or CBM 64. When you enter the program into your system ignore them. These are just some control and formatting characters used by commodore. These characters will have no effect on the operation of the program. I have inserted some lines that begin with the word REM. This is a basic statement that says this line is just for information and have no operational purpose. They merely explain what is happening in the program. They may also be ignored when entering the program.

Give the program a try if you can and I hope you will like the results. The program can be obtained via Tips and Topics. Send a Self Addressed Stamped Envelop plus 60¢ to cover the xerox to Arthur S. Getzel, 170-40 Highland Avenue, Jamaica, NY 11432.

Now a word about using computers. You do not have to be a computer professional to use one. The VIC-20 is very easy to use and to learn to program. BASIC is a beginners language and is very easy to learn. I am living proof of that. It has been said by some very foresightful people that in 10 years there will only be two types of people in this world. Those who use computers and those who are used by computers. DON'T BE THE LATTER!!!

Opinion

IN DEFENSE OF THE VOICE OF AMERICA

by Carl Huffaker, Mexico

Frankly, I was a little disappointed in Phillip Dampier's slap at the VOA (September SPEEDX). Although the paragraph didn't exactly deal with either the station or the programs, it might be well to analyse it in detail, line by line.

"Our voice simply isn't our voice." This indicates very little faith in the democratic process. The VOA is controlled by, and paid for, by ourselves through our elected representatives. Although public opinion in the US could conceivably change faster than that of their elected representatives, history shows very few meaningful differences for anything more than extremely short periods.

"Their opinions go in one direction while the opinions of the American people go the other." For the reasons above, this is patently false, and sounds a bit like something from a R. Moscow script.

"They also broadcast 'propaganda'". Propaganda is a dirty word for opinion. I would call this statement "anti-VOA propaganda".

"When traveling abroad, how many SPEEDXers out there tune in this station for the latest news and sports scores? Most people tune to the AFRTS." VOA news is at the top of the hour. AFRTS has several newscasts during the hour. I look at my watch before I decide where to tune. I assume "most SPEEDXers" do the same. The AFRTS does have more complete sports coverage reflecting the interest of their particular audience.

"However, this station only transmits in languages where there is either a Communist revolution going on, or where the opinions of a country's people are not favorable to the USA." Outside of the Soviet-block languages, most of the VOA's language programs (and beams) also cover countries friendly to or allied with the US.

Representing the American people is a difficult job. There are a lot of people and the US is (Thank God!) a country that permits individual differences and opinions. Being American, I do not legally qualify as a VOA listener, but I am here and among the people to whom some of the broadcasts are directed. From this QTH, they seem to be doing a good job.

73's, *Carl Huffaker*

CONTRIBUTORS LIST:

NOVEMBER 1983

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
P.O. BOX 861, MENOMONEE FALLS, WI 53051-0861 U.S.A.

TOTAL CONTRIBUTORS: 177

6	ADAMS, ROBERT	MA R2000	2	KIVELL, BOB	NM DX300
5	ADDISON, JOE	KS R600	6	KLASEK, TERRY	MO HQ180A
1	AKED, ROGER	FR NR515	1	KLINGENFUSS, JOERG	FG NR515
1	ALEXANDER, BRIAN	PA	6	KLOSOWSKI, LORI	FL
1	ALEXANDER, RODNEY	IA IC-R70	2	KOBYLSKI, TONY	MD FRG7
1	ARLAND, RICHARD	NY R600	6	KOSUGIDA, SHINICHI	JP R2000
9	BARTO, SAM	CT	4	KRIST, KRAIG	VA
1	BEAL, HOBART	WA R4C	1	KROLAK, EUGENE	MI
2	BEILKE, STEVE	MO IC-R70	3	LANGLOIS, HAROLD	GA
1	BELGHAUS, FRED	NJ	2	LEARY, ROBERT	OH FRG7700
1	BERKHOLTZ, NICHOLAS	MN RF2800	2	LEITE, STEVE	MA
5	BERRI, JASON	CA	5	LIPMAN, E	NY
4	BINGHAM, FRANK	MA R7000	4	LORD, EARLE	CA FRG7700
2	BLACK, DONALD	NH IC720A	1	LUTSKY, LARRY	PQ
1	BLAISDELL, RICHARD	VT	2	MAHONEY, MICHAEL	FL SPR4
5	BLANCHETTE, MARION	FL R600	1	MANNING, SANDRA	TX
4	BRADLEY, HERBERT	MA DX302	1	MARKER, JEFF	MO
4	BRENESAL, BARRY	FL	1	MAXFIELD, DAVE	MI
7	BREWER, DONALD	AR R1000	5	MOMAN, DON	AB
1	BRÖCK, ROBERT	WI	1	MONTMINY, ANNE	NY
1	BRYANT, MARK	KY FRG7700	1	MOORE, ALEX	UK
5	CADORETTE, NORMAN	MA IC-R70	2	MOORE, MICHAEL	TX
3	CALABURG, RAFAEL	DK	1	MUNSTER, RALPH	GA
1	CAMPBELL, CORNELIA	DE NR515	1	MURFF, NATHAN	NM
6	CARD, PETER	RI NR505	1	MURPHY, TOM	NJ RF4900
1	CARLSON, VIRGIL	WA	1	MUZYKA, BILL	NY
1	CEREGHIN, JOHN	MD	6	MUZYKA, WILLIAM	NY
1	CHABAK, MIKE	AZ	3	MCCANTS, DONALD	AL RF2200
6	CHICKERELL, LARRY	WV DX400	3	MCDOWELL, JOHN	IL ICF2001
2	CHINSKY, MARK	NY RF2600	8	MCKEON, THOMAS	IN R1000
2	CLAYTOR, DAVID	OH R1000	5	MEVERN, VINCENT	NY ICF2001
1	CLEVELLEY, RUSSELL	NY	1	OPTIZ, BRUCE	?? R1000
2	CONSTANTINIDES, COSTAS	SA NR515	1	PAGANO, FRANK	DC
1	CONWAY, PETER	UK 51J-4	2	PALMER, BOB	WA
1	COOK, DAVID	CA	5	PARKS, WILLIAM	FL
4	COX, JIM	CA R600	3	PFEFFER, MORRIS	NY
5	D'ANGELO, RICHARD	PA NC190	1	PIMBLETT, NIGEL	AB R600
1	DEINET, A.J.	NJ NR515	1	POKATILOFF, RONALD	IL
4	DEMMITT, JOHN	PA HOMEBREW 3	3	PRATH, JOHN	FL
5	DILLAMAN, JOHN	OH	1	RANKIN, ROBERT	KS R7/DR7
4	DRAYE, HANI	SA	3	RAYMOND, BOB	MA R600
1	DRIER, MICHAEL	MI	2	ROBERTSON, DAVID	WA
3	DROLLINGER, RICK	WI	5	ROBINSON, BETSY	TN ICF2001
2	DUCOS, PIERRE	FR 3400 SAT	3	SABLE, THOMAS	NY TS-4305
1	ESTES, BILL	MS	1	SABSEVITZ, AL	CA
1	ESTES, WILLIAM	MS	1	SAMS, MITCH	KS
1	EVANS, JIM	TN RF2200	1	SATO, HIROMASA	JP RF2200
4	FAMULARO, RALPH	NJ	2	SCHACHAT, KEN	NH IC-R70
2	FISHER, JOHN	MA	1	SHEEL, MICHAEL	IA ICF2001
1	FISHER, MIKE	WI	2	SCHULSINGER, MICHAEL	OH FRG7
2	FLANNAGAN, MELVIN	VA	7	SHARP, DAVID	FL
4	FLEISCHAKER, TED	KY ICF2001	3	SHARPE, BRYAN	CA DX302
2	FLEMING, TOM	FL	3	SHEEDY, DANIEL	CA
3	FRASER, BOB	MA XCR30	1	SHEPARD, NELSON	BC
2	FREEMAN, JOHN	CA DX160	1	SHOCKLEY, MIKE	OK
3	GAMMIE, CHARLES	MI R1000	4	SMALLWOOD, JAMES	FG RF4900
1	GAMMON, ROGER	AA	1	SMITH, LARRY	MI
1	GAVARAS, THOMAS	MN HQ180	7	SOOMRE, EDWARD	MA R1000
3	GILMORE, RICHARD	MA S20R	1	SPRAKER, DAVID	NY
3	GILSTER, PAUL	NC	8	SPREMO, ALFRED	NY FRG7700
2	GOLAB, MARC	IL FRG7700	9	STANLEY, TREVOR	AZ NR515
1	GONZALEZ, FERNANDO	NY FRG7	2	STEIN, RICKY	NJ FRG7700
1	GREENBAUER, DANIEL	AZ RF2800	2	STINER, ROLAND	NY FRG7000

2	GRIJALVA, GABRIEL	AZ	IC-R70	4	STONE, WILF	ON
1	HALL, STU	CA	DX300	1	STREETER, ROBERT	NY
1	HARRIS, MIKE	FL	DX302	6	TALBOT, JOE	AB R1000
1	HARTUNG, JAMES	MD	R7/DR7	4	TALBOT, LARRY	WI FRG7
4	HARVEY, SHELDON	GU		2	TANAKA, MASAHIKO	JP R1000
1	HEIN, DONALD	PA		2	TATE, HAROLD	WV
3	HELLER, BRIAN	WA		2	TAYLOR, JOHN	MO
3	HENAULT, JOHN	MA	FRG7000	2	TAYLOR, LYLE	SD
5	HESCH, RUTH	CA	R1000	2	THOMPSON, GLENN	NM FRG7
2	HODGSON, CHARLES	SA		4	THOMPSON, PEGGY	CA
1	HOLBROOK, HANK	MD	HQ129	1	THUNBERG, ROBERT	PA SSR1
1	HOSMER, DON	MI	R2000	2	TILLEY, DOUGLAS	CO FRG7700
4	HOTALING, STAN	NV	RF2800	3	TRENT, JOHN	AK RF2900
4	HUFFAKER, CARL	MX		4	ULMER, DOUG	LA R1000
6	HULL, DICK	WA		3	VAN HORN, GAYLE	TX RF3100
1	JOHNSON, DON	CA		1	WALTERS, JOHN	NJ R-1530
1	JOHNSON, FRED	IL	RF2200	1	WILKINS, JOHN	CO HR1000
5	JONES, BRIAN	TX	DX302	1	WILLIAMS, JOHN	MN
1	JONES, DAVID	VA		1	WILSON, DAVID	CT
2	JONES, JACK	MS		1	WITTE, MARGE	CA FRG7
1	KANOPKA, LEON	NY	IC-R70	1	WLOCH, MICHAEL	QU SPR4
1	KAPINOS, JOHN	MA	R2000	2	WOROB, PHILIP	TX DX160
5	KARNS II, SHERMAN	OK	DX100	1	YONEDA, TAKESHI	JP FRG7700
2	KEENAN, DAVID	CA		1	YOST, SCOTT	MI
1	KEESLING, TOM	IN		4	ZILMER, ROBERT	NM
1	KERR, IAN	UK				

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
NONE

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
AFRICA

Well gang, we still got dem problems! But things are getting better. Your address labels will still not be updated this month. The problems with the computer disk drive have not been solved yet, but they should be soon. I just received the parts in the mail that I need to correct the problem, so hopefully it will be solved next month. Your receivers are up-to-date however. If your receiver is missing this month, it's because you never sent it in. The only other problem is that which we talked about on page 4 of this issue, that of my relocation to Illinois. In case you missed that, please take a look now, and if you are interested in publishing, let me know.

For Sale of Trade: ICOM-IC-R70, mint, AM passband tuning realignment-factory checked, all packing, \$545+ shipping and insurance; or your FRG 7700 w/memory, mint, plus \$250. (have DR33c now). Ronald Pokatiloff, 312-872-3633, anytime.

For Sale: Active antenna, Radio West KRS whip, long lead-in, pre-amp, + power supply. Compares nicely w/ my longwire but no longer needed. \$45 includes UPS shipping. Carl Mann, 416 Hanover Rd SW, Cedar Rapids, IA 52404.

For Sale: Sony 2001 \$175, GE World Monitor \$140, DX-200 \$125, DX-302 \$275, Panasonic RF-3100 225.00, Grove SW 'mini tuner' (TUN-3) \$35. All items are new, all have factory warranty except GE and Realistics. I am also selling all my scanners and accessories. Larry Snyder, 11664 W. Saratoga Ave, Morrison, CO 80465, 303-979-2856.

For Sale: Realistic DX-160, exc condx, \$100. Charles Shryock, RR 7 Box 73, Joplin, MO 64801, (417) 623-3553.

For Sale: Kantronics Field Day ?. RTTY/CW/ASC II reader. Exc condx, \$275. I pay shipping. Mark Eramo, 5 Kimball Dr, Stoneham, Mass. 02180.

For Sale: Hammarlund HQ180A w/matching speaker and KRS digital display unit, the manual, a complete set of spare tubes, Mizuho SX-59 Preselector, and the original Hammarlund boxes (all mint) \$450, you pay shipping. R390-A-URR in cabinet in very good condx w/SSB adaptor, also 3 spare 3JT7 tubes w/manual, \$300. Both are fine rigs for the up coming DX season, and I will back them 100%. Steve Leite, 190 Healy St, Fall River, Mass 02723. Tel. 1-617-675-2830 between 2100 and 0200 GMT.

For Sale: Exc AEA MBA reader in original box w/instructions, adapter, cable, test rpt, and copy of "World Press Services Frequencies." \$220 firm or will consider trade for Bearcat 100. Michael Horn, 516 Union Place, Fremont, OH 43420, 419-332-9666.

Remember to send your ads to David Sharp, Ad Editor, 17602 Meadowbridge, Lutz, FL 33549 by the 12th of each mo. Ads are printed on a first come, first serve basis.....ds.

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX

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