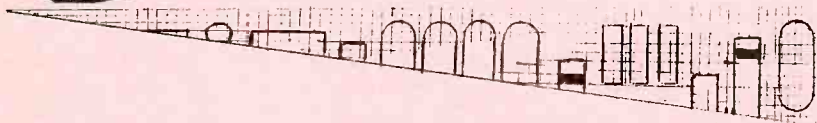
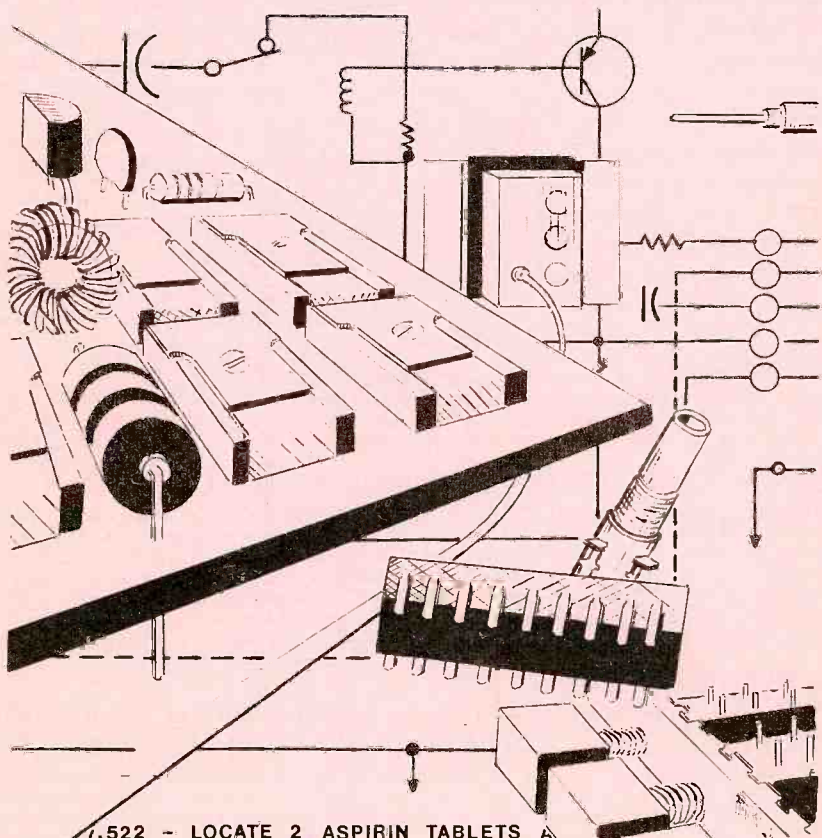


SPEED X

*the dx radio magazine
for active shortwave listeners*



STEP 2,038 - LOCATE TRIMMER CAPACITOR CT4345 AND ADJUST E



1,522 - LOCATE 2 ASPIRIN TABLETS A

November 1980

Vol. X No. XI



KEYNOTES

SEND INFO OF GENERAL INTEREST TO THIS SECTION. HOBBY MEETS, WANT ADS, USEFUL PUBLICATIONS OR DXING AIDES, WHERE TO SEND FOR INFO AND, SHORT ITEMS NOT FITTING THE OTHER SECTIONS OF THE BULLETIN. DEADLINE: 12th.

EDITED BY:

DON JOHNSON, P. O. BOX E, ELSINORE, CA 92330 USA



CONGRATULATIONS TO SEVEN NEW FULL MEMBERS

LOUIS BERES III
WATERTOWN CT

RON MARSHALL
SEDONA AZ

GEORGE SLOVINSKI
TORRANCE CA

JOHN CREAMER
DENVER CO

CRAIG ROCHA
SAN DIEGO CA

LARRY KOPRIVA
FOUNTAIN VALLEY CA

JAY LEVIN Jay should have been listed last month. || Each have received a beautiful
TENAFLY NY Despite his size, we missed seeing him. || certificate & copy of constitution.

WELCOME TO OUR NEW ASSOCIATE MEMBERS

JAMES MILLS, Turks & Caicos Islands (FRG-7)

RICH MITCHELL, Nashua NH

JIMMY GARRISON, Gretna LA (GE Multi-Band)

WILLIAM LAXTON, Durand MI

JOSEPH BREWER JR, Studio City CA (DX-302)

MARK SCHLESINGER, Clute TX

HERBERT SASSHOFER, Wien Austria (R-1000)

JAMES GALLUCCI, Portland OR

ROBERT ROEDER, Minneapolis MN (FRG-7000)

LAWRENCE ALBERT, Ft Wayne IN

ROWLAND ARCHER, Hillsborough NC (DX-300)

MITSUO SAKAMAKI, Saitama Japan

GEORGE MONTROSS, Kingsburg CA (RF-4900)

NORMAN CADORETTE, Littleton MA

IRWIN SMALHEISER, Bettendorf IA (SPR-4)

JOHN FUTCH, Atlanta GA (DX-300)

ROBERT CONWAY, N. Chelmsford MA (SSR-1)

HIRJI TARAPOREVALA, Stateline NV

GREG POOLE, Brampton Ontario (RF-2600)

JEFF WEINBRUM, New York NY (SPR-4)

WILLIAM UPTON-KNITTLE JR, Glendale CA

KEVIN DAVIDSON, Easley SC (DX-300)

THOMAS CROSS, Front Royal VA (R-1000)

DALE PARK, HONOLULU HI (ICF-6700w)

ANDREW KRAMER, Richmond VA (RF-2900)

TONY KOBYLSKI, Baltimore MD (FRG-7)

STEPHEN PACETTI, Lakewood CO (FRG-7)

GEORGE TOKARCHICK, Bronx NY (FRG-7)

R WAYNE AYERS, Euclid OH (Sony 5100)

GREG RAYMOND, Haverhill MA (DX-120)

PAUL SNIDER, London Ontario (DX-160)

JOHN MILLER, Thomasville GA (DX-302)

Glad to have you aboard the SPEEDX BAND WAGON! Tra-la-la! A few of the above have already started to contribute to the club. How about the rest? Don't be bashful, jump right in. Your support will be appreciated. The more you put into the club, the more you will get out of it in pleasure!

ONE PLACE YOU CAN SEND ALL YOUR MATERIAL FOR THE BULLETIN

CENTRAL DISTRIBUTION EDITOR is PEGGY THOMPSON, 2706 Alabama Street, La Crescenta CA 91214. Peggy will forward all material received for the various sections of SPEEDX if received by the 7th of the month. You can also mail directly to each editor if you prefer. Their deadline is the 12th of the month. In either case, PLEASE make your loggings complete and readable. Be sure to put your name and state/prov/country on EACH logging. If your name is not on a logging, it may wind up in the trash can. What a waste!

NEW MANAGING EDITOR NAMED

LARRY TALBOT, N84 W15119 Knoll Terrace, Menomonee Falls WI 53051 has been selected as our new ME, to replace the late Oliver Ellsworth. Many will remember Larry as an ex-editor of the club. We welcome Larry to this very important position. Larry is now in charge of the editorial content, the allotment of pages to each editor, "hiring" & "firing" of editors. etc. Your comments, pro or con, should now be directed to Larry, on club matters.

SPEEDX MEMBERSHIP LIST

The BOD has voted to compile, print and distribute a membership list. This will include all club members who do not object to their name and address being made available. So, if you DO object to having your name included drop a post card to HQS so stating and your name will be left out. To repeat, IF YOU DO NOT WANT YOUR NAME LISTED send a note to club HQS to arrive no later than January 1, 1981. We hope to offer the list in March for a reasonable fee.

MERRY CHRISTMAS - SPEEDX STYLE

This is your last chance to have your name on our annual HAP XMAS page to appear in the December issue. We ask for a dollar or more to be sent to HQS ASAP in lieu of sending XMAS cards to hobby friends. All proceeds go to help the handicapped in our hobby. Get that check or cash off today. Mail directly to club HQS and please note what the money is for.

NEW EUROPE EDITOR NAMED

Terry Lindley, Route 15, Box 1098, Birmingham AL 35224 has been appointed editor of our Europe column to replace retiring Ralph Famularo.. Ralph finds college studies tootime consuming to continue editing a column. We thank you Ralph for your FB job. Be sure to send all material for the Europe section to Terry from now on.

TROPICAL BAND SURVEY

Danish Shortwave Clubs International (DSWCI) have released the latest TBS. This is very helpful aid for those tuning 2 - 6 MHz, the tropical bands. Listed by frequency, the TBS gives the stations using each frequency, the power and operating hours where known, and much more. Airmail cost is 10 IRCs. DSWCI, Greve Strandvej 144, DK-2670 Greve Strand, Denmark.

ENGLISH SHORTWAVE PROGRAMS

Dan Ferguson, P. O. Box 8452, South Charleston WV 25303 has just released his S-80 computerized list of English shortwave broadcasts. This covers English to all parts of the world. Listed both by time and by Country, this is a handy reference. Cost is \$2.00 to the above address.

DX-300/DX-302 INFO WANTED

Brad Cuppy, 1324 Fairbanks Drive, Carmel IN 46032 would like information on the advantages of the DX-302 over the DX-300. Is it better? Worse? Brad would like particularly like to hear from folks who have used both sets.

CHICAGO AREA DX CLUB (CADX)

The Chicago Area DX Club is being reformed after a five year absence. Membership is open to all DXers within 150 miles of the Chicago area. Annual dues are \$7.50. The monthly bulletin "THE DX-PROBE" is published the 15th of each month. Chicago area DXers may receive two months free by writing to:CADX, 2137 West Farwell Avenue, Chicago IL 60645. (312) 761-0470.

MAIL EMBARGO - CHAD

Charley Hoffman passes along this note via AP. The Postal Service has placed an embargo on mail to Chad because of "a lack of transportation into the country". Mail sent to Chad will be returned to the sender with a postage refund available.

While on the subject of postage, the Postmaster in Elsinore tells me that "unofficial" word is that the International airmail rate from the US will go to 40¢ per ½ oz the first of the year. It is now 31¢.

COVER DESIGNS WANTED

We are always in need of suitable cover designs. Can be hand drawn in ink or paste-ups. Size should not exceed 7" x 9" overall. Must be black & white only. Send your design directly to SPEEDX publisher for approval. John Trautschold, W174 N9459 Devonwood Road, Menomonee Falls WI 53051.

1981 WORLD RADIO TV HANDBOOK - SPECIAL OFFER

Again this year, SPEEDXer Don Erickson will have a discount offer on the WRTH to hobbyists. Please read the following carefully and order by the deadline. Tell Don you read about it in SPEEDX.

The 1981 WRTH will retail at \$17 in the USA. Orders are now being taken at \$15 per copy including UPS or BOOK rate shipping of copies when received early in 1981. The deadline for orders is 10 December 1980, after which time the price will be \$17. Orders should contain check or money order payable to DONALD ERICKSON. Please enclose a self-addressed, stamped envelope for confirmation of shipment. Canadians may enclose an unstamped envelope with return address and should use only International Money Order or Canadian Postal Money Order payable in US dollars. All orders should specify 1981 WRTH on the outside of the envelope and be mailed no later than December 10, 1980 to: Donald Erickson, 6059 Essex Street, Riverside, California 92504. 1980 WRTHs are no longer in stock; they may still be ordered from Watson-Guptill in Cincinnati.

All orders are accepted with a guarantee of immediate refund at any time before shipment, without question. Inquiries welcome at 714-687-5910 until midnight PST. No collect calls please.

Well gang, this may be the best offer you get on the 1981 WRTH. Best send off your check or money order ASAP and save the \$2.00. Remember the deadline is the 10th of December. Thanks to Don for giving us a break.....

HELP WANTED - SX-100 INFO

Belgium member Peter Pompe (38, Val du Prince, B-1950 Kraainem, Belgium) is in need of the operation manual for a Hallicrafters SX-100. Do you have a copy? If so you can mail it directly to Peter or, you can send the original to HQS and we will make a copy for him and return the original to you. We have several members with this receiver so how about it?

PRICE UP? PRICE DOWN?

McKay Dymek Company has a new price list out, effective October 1, 1980. This covers their popular DR series as well as the DA antenna and other SW gear they handle. Write to: McKay Dymek, P. O. Box 5000, Claremont, CA 91711 for more info. They have a very attractive broucher to send you.

GOODBY TO ANOTHER OLD FRIEND

You "old timers" in the radio listening hobby will recognize the name. He dates back to the days of "RADEX" and similar publications. He wrote many columns in those days and knew many of the pioneers in radio. MORT MEEHAN. Mort, late of 29 Palms, California, passed away recently after a fall from his roof while working on antennas. Mort visited club HQS many times.....

SCANNER BUFFS - LOOKIE HERE

Yea, I know, SPEEDX is not a scanner club. But, we have many members who are into scanning. We present the following info for their benefit. Tom Kneitel informs us that his latest offering "AIR SCAN" is now available for \$5.95, covering the aero band frequencies from 108 to 136 MHz. Order from: CRB Research, P. O. Box 56, Commack NY 11725. This is the 2nd edition w/more than 30,000 freq/location listings in the USA (except Alaska/Hawaii)

On the same topic, you might be interested in a club that specializes in VHF & UHF monitoring. Send a SASE to: RCMA, P. O. Box 4563, Anaheim CA 92803 for info on this ANARC club. Tell them SPEEDX sent you.

SPEEDXGRAM - GOING & GROWING

We have not mentioned the "GRAM" lately. It is well and growing. This is a 4 page supplement of "hot" and "late" SW news. Available to all in North America for just \$3.00 and elsewhere for \$5.00. Deadline to the GRAM is the 15th. It usually gets back to you by the 20th. A F-A-S-T service!!!! To subscribe, or request a sample copy for a SASE, write to: Bob Bodell, 9118 S.E. Mason Hill Drive, Portland OR 97222. Checks should be made payable to ROBERT BODELL, not SPEEDX. If you have not seen the GRAM, why not send for a sample and see what it is all about?

PROGRAM

NOVEMBER 1980

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

PANORAMA

AUSTRALIA...Here are some interesting programs from Radio Australia: LETTERS TO THE EDITOR features a selection of the more interesting letters that have appeared in the Australian Press during the past week. Tune in Fri 1240 & 1840, Sat 2010 and Sun 0212 GMT...THEY CAME TO AUSTRALIA is a program in which Alex McIntosh talks to people from other lands who have made Australia their home. Listen on alternate weekends Sat 0240 & 1440, Sun 1840 GMT...REPORT FROM ASIA can be heard Sat 1612 & 2110, Sun 0312, 0810 & 1212 GMT...AUSTRALIAN COUNTRY STYLE is hosted by Eric Scott. He presents a roundup of the Country and Western music scene in Australia today. It is scheduled Fri 0130, 0630 & 1530 GMT. (Larry Cohen, PA) Continuing from last month, here's the Saturday schedule of programs from VLH: 1900 NEWS 1910 MUSIC 2015 NEWS 2030 WORLD ROUNDUP 2040 THE WEEK IN BUSINESS 2050 MUSIC 2200 PIANO RECITAL 2245 SATURDAY SAINTS 2300 NEWS IN BRIEF 2302 BILL BELCHER'S BAND BAZAAR 2330 SATURDAY MORNING CONCERT 0100 SPORTING SERVICE 0630 MUSIC 0730 SINGERS OF RENOWN 0800 NEWS 0815 AUSTRALIAN DOCUMENTARY or TALK 0830 MUSIC or DRAMA 1100 NEWS 1115 MUSIC 1200 NEWS 1210 EVENING MEDITATION 1215 MUSIC 1300 A LITTLE NIGHT MUSIC 1400 SIGNOFF. (Paul Brewer, TN) (Perhaps NOV. will be RA's QSL month for 1980-WS)

BULGARIA...Radio Sofia has a program called ANSWERING YOUR LETTERS. The program features requested music and information. Tune in Mon at 0000 GMT on 15330 kHz. (Bob Coleman, MA)

CANADA...Radio Canada International has announced the programs which will fill the AS IT HAPPENS slot on weekends. Sat 2300 CANADA'S WEEK IN REVIEW and the equivalent program in French; 0000-0100 L'ANTENNE 5 from the French CBC Network. Sun 2300 THE HOUSE (review of the week in Parliament) 0000 L'EVENEMENT (a French public affairs program). The programs scheduled may disappoint some listeners, but they fulfill the latest addition to RCI's official mandate--to better serve Canadians abroad. The reason for so many French programs is to offset the imbalance for English on Mon-Fri (where 100% of the programming in this 2-hour block is in English). (Direct, via RIB #44, 10/80)

EQUADOR...HCJB offers a weekly program for stamp enthusiasts. THE HOBBY OF KINGS can be heard to North America on Sun @ 0445 GMT on 15155, 11915 and 9745. For the South Pacific, try 0915 GMT on Wed on 11900, 9745 and 6130 kHz. It is not heard to Europe presently. If you are interested in stamps, this is one program you won't want to miss. (Tom Picarelli, CA) (This program is not produced by HCJB, but it is one of the syndicated programs which they feature--WS)

GREAT BRITAIN...Three new programs of interest from BBCWS this month: STONEHENGE explores the mysteries of this site in the Salisbury Plain. Tune in Nov. 29 @ 0230, Dec. 3 @ 1030 and Dec. 5 @ 2030 GMT..... THIS IS ABBA is a series featuring the popular Swedish quartet. It is scheduled from Nov. 24 on Mon 2130, Tues 1030 & 1715 GMT..... DEAR AND HONOURED LADY is nine 45-minute programs about the life and times of Queen Victoria (1837-1901). Listen Sun 1915, Fri 0030 & 1330 GMT for this series.....Here's some regular programs from BBCWS: OUTLOOK is an up-to-the-minute look at people, events and opinions together with the latest UK news, sports and weather. Mon to Fri 1515 & 1900, Tue to Sat 0115 GMT....NEWS ABOUT BRITAIN Daily 0009, 0309, 1109, 1809; Sat, Sun 0709 GMT....LETTER FROM AMERICA with Alistair Cooke can be heard Sun 0545, 1115, 1645 & 2315 GMT....ASSIGNMENT is a new weekly program which looks at major events and issues in depth. Tune in Wed 2030, Thu 0230 & 1615, Fri 1130 GMT....WORLD RADIO CLUB is scheduled for Sun 0745 & 2100, Mon 1115, Wed 2315 GMT. (BBC London Calling, November 1980). Let's now get in touch with the Dutch...

HOLLAND...Radio Nederland has just published their new program guide for the upcoming six-month period. This 12-page booklet contains photos and articles on Holland as well as Radio Nederland program and frequency information. You can obtain this guide by writing to RN at P.O. Box 222, 1200 JG Hilversum, Holland. Ask to be put on their mailing list.....Here's the new English schedule from RN: Mon THE MONDAY PROGRAMME; Tue HIS AND HERS; Wed MIDWEEK; Thu DX JUKEBOX; Fri SEVEN DAYS; Sat SATURDAY MUSIC and THE NEW GENERATION. These programs are heard following NEWSLINE, a daily news program...AFRO SCENE is heard to Africa on Mon, Wed, Fri in place of the regularly scheduled program...MAINSTREAM ASIA can be heard Fri @ 1430 GMT.....HAPPY STATION can be heard on Sun during all English transmissions except for 0700-0720 GMT, when SUNDAY WEST can be heard. (Direct)

INDIA...During this season, All India Radio can be heard fairly well during their transmission to the UK. Tune in from 1745-2230 GMT on 11620 kHz for some interesting English programs and Indian music. (WS)

JAPAN...On TOKYO CALLING, broadcast for Sunday listening in North America, Miss Toshi Morikawa has been presenting a bi-weekly feature on various aspects of Radio Japan. She also presents the weekly DX news on the program---it is provided by the Japan Shortwave Club and features Asian/Pacific news. (Will Pickard, IL; Bob Zilmer, NM)

NEW ZEALAND...NEW ZEALAND CALLING is a program for DXers presented by Tony King. It includes replies to listeners' letters, a DX report from Arthur Cushen and general information about New Zealand. This half-hour programme is broadcast every other Monday at 0530 GMT and 0845 GMT... Other programs over RNZ include AS IF HAPPENS with Sharon Crosbie Mon-Fri 2100-2400 GMT, APPOINTMENT WITH JOHN GORDON(music and song designed to please the more mature tastes) Mon to Fri @ 0400 GMT, ROUNDABOUT(Philip Linder features music, unusual events and interviews at 0500 GMT), and SATURDAY SCRAPBOOK(Graham Thomson hosts entertainment, including requests from at home and overseas, Sat 0730-1100 GMT). For program and frequency info, write RNZ, External Services Manager, P.O. Box 2092, Wellington, New Zealand. Please include IRCs for an air reply. Be sure to tell them what you think of the programs. (RNZ)



USA...For those of you who tried to hear the BREAKFAST SHOW at 0330 GMT on 5995 (from Greenville), you might have been surprised to hear VOA's jazz program. From the first of October, VOA has extended the Americas Service in English to 0400 GMT. To hear THE BREAKFAST SHOW, try 7200 between 0300 and 0400 GMT. To be on top of all the VOA program changes, write for their program schedule. The address: VOA, International Communication Agency, Washington, D.C. 20547..... Here's some additional information on Phil Irwin of VOA: Phil has been with VOA since 1961. He has hosted THE BREAKFAST SHOW since 1962 and was named Chief of the program in 1973. He lives on and works a small farm in the scenic Blue Ridge Mountain foothills in Rappahannock County, Virginia, some 115 kilometers west of Washington. Phil is active in community environmental and conservation activities. An outdoorsman, he enjoys riding, tennis, canoeing and hiking...One of the most memorable experiences of his VOA career was the trip that he and Pat Gates took to 9 countries in Africa and Asia in 1973. The trip was reported to Congress and an interesting account of it can be found in THE CONGRESSIONAL RECORD, Vol. 119, No. 138, September 21, 1973. The report also contains some interesting information on VOA.

VATICAN CITY...Vatican Radio publishes a monthly program booklet for its listeners. The latest issue contains a schedule of English programs for the 0100-0115 GMT North American transmission. Mon IN AND OUT OF THE VATICAN, Tue NOT LONG AGO, Wed THE POPE MEETS THE PEOPLE, Thu BOOK-ENDS, Fri LETTER FROM ROME, Sat WITH HEART AND MIND, Sun ANGELUS WITH THE POPE. Frequencies were 6015, 9605 and 11845 in October. (Charley Hoffman, PA).....Next month, PP will present Christmas programs, so don't miss it! For those interested in Albania, see the latest National Geographic. Until December, good listening! Wendy 10/18/80





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

MOBILE SW CONVERTERS: An item previously available only from Grundig, now from an American manufacturer. MFJ Enterprises has now made available two models. First is the MFJ-304 covering 19,25,31 and 49 meters priced at \$59.95. The second model gives 8 band coverage from 13,16,19,25,31,41,49 and 60 meters. This model MFJ-308 is priced at \$79.95. Very small and compact. Only connection required is to +12 volts. Plug your auto antenna into the converter, and plug the converter's lead into the auto radio then listen! In case you are not familiar with a "converter", it is just that: a converter! It changes SW frequencies to a range your car radio can receive. This combined with a car set gives a "dual conversion" receiver. Sensitivity and selectivity will depend quite a bit on two factors. First, the quality of the auto set, and what type antenna is used. Don't expect much out of those new built-in "windshield" antennas in the new cars, as they are very poor. If you want top performance out of your converter, spend a few extra dollars and install a standard "whip" antenna, (telescopic or fixed type) More information on these converters and a comparison to the Grundig when the information becomes available.

SITOR TELEX: A brief explanation of the predominant Telex or "RTTY" systems being used in the maritime communications field. the Acronyms: SITOR, SPECTOR, ARQ pretty much mean the same thing. The system uses a "5 level" BAUDOT code that is modified to "7 level" code. It is NOT the same as ASCII!! SITOR is a system in itself. The operator types on his machine as normal, but he is, in effect, communicating with a microprocessor. The teletype runs at 50 baud (66 WPM). The microprocessor stores the information and sends it out in three character groups at 100 baud (132 WPM). These groups are sent in about 0.22 second and a "rest" period of about 0.23 second follows, then the cycle is repeated. During the "rest" period, the microprocessor receives a reply from the coastal station which verifies or rejects the group sent, whereupon the same group or another group of characters is sent. Error detection because of signal fading, interference etc., causes the same group to be sent over and over again until a correct "pulse count" is received, whereupon the next group is ordered by the coastal station. A unique feature about the SITOR code is that exactly the same number of "on" and "off" pulses, (called B and Y signals) are used for EVERY character, with a different arrangement of course. So when the coast station receives 12 "B" and 9 "Y" signals the group is accepted. If any signal is missing or the count is different, the whole group is rejected and a "repeat" request sent. What this all means is that 99.99999999.% error free copy is received in spite of fading, noise etc. Not at all possible with regular RTTY as you telex "buffs" out there know! Interception of this mode with another "terminal" (not in communication with the coastal station) is extremely difficult, thereby insuring privacy. It should be possible to build a converter to receive this mode, but to my knowledge, no one has built a "commercial" version yet. Fortunately, most "press" and "weather" telex is not using the SITOR system yet!!

IN MEMORIAM....BOB DONLY...SPEEDX QSL EDITOR.....#####
It was a shock to me to learn of the death of Bob Donly, our late QSL Column Editor. I would like to take this opportunity to pass along my sympathy to his family and friends. Bob and I had a common interest in Eddystone receivers and we carried on some correspondence about them. SPEEDX has lost an enthusiastic DXer and supporter. Rest in Peace BOB!!
#####

BAD CASSETTES!!...SPEEDXer Louis Goldstein writes he has had considerable trouble with large quantities of AMPEX and CERTRON cassettes. Problems were distorted shells causing tapes to bind, blank spots in the tape, and tapes short of the running time printed on the label. My suggestion to all is: buy only the best quality you can afford. SCOTCH is usually good, RADIO SHACK's Top-of-the-line tapes are fairly good. I have had good luck with SONY and BASF as well. A cheap tape will crud up your recording head and wear it out lots quicker, so a better tape is actually going to save you money in the long run. Louis has also had lots of trouble with his SUPER-SCOPE recorder too. There has been lots of pros and cons about the SUPER-SCOPE machines. (Much like the controversy that raged about the DX-300!!)

GRUNDIG: Grundig, the old German firm which many of you know, has come out with a new "mini" receiver. You might even call it a "german" copy of the SCNY ICF-7600!! That's the SCNY set that is about the size of a paperback book. Grundig has done the job right though and this one covers 49 thru 16 meters in bandspread segments, AM, PM and 150-260 kHz. longwave. Built-in LCD clock with 24 hour display. Doubles as a clock radio so you can wake up to music or an alarm! Works from 110/220 AC or 5 internal "AA" cells. Size: 23 X 14 X 4 cm. (About 9 X 5.5 X 1.5 inches) Called the Yacht Boy 120, it may be available soon from Radio West. No price yet. Another "SUPER" radio for the casual listener is the Grundig RR-1140. A **BIG** set combines AM/Stereo FM/DW and 3 SW bands. LCD clock, LCD digital frequency display, built-in stereo cassette recorder/player. Will record from radio etc. etc, No doubt it has a nice pricetag. More as information comes in.

Many thanks to all of you who have sent in questions and enquiries. These are the "seeds" I need to write the column. If you think of something you want to know about, ask! If I don't write about it in an issue or two, please try again!! I get a lot of mail some months and some requests come from new members why may not have seen something on that very subject a few issues ago. All the best to all of you and see you next month."

73.....
TIME CONVERSION WITHIN THE USA

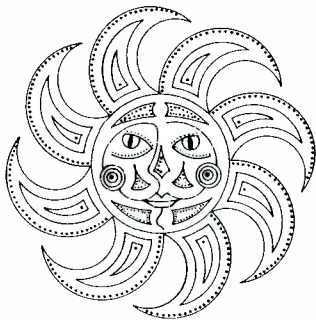
Sandy

	↓	↓	↓	↓	↓	
GMT	PST	MST/PDT	CST/CDT	EST/CDT	EDT	GMT
0000	4:00 pm	5:00 pm	6:00 pm	7:00 pm	8:00 pm	0000
0100	5:00 pm	6:00 pm	7:00 pm	8:00 pm	9:00 pm	0100
0200	6:00 pm	7:00 pm	8:00 pm	9:00 pm	10:00 pm	0200
0300	7:00 pm	8:00 pm	9:00 pm	10:00 pm	11:00 pm	0300
0400	8:00 pm	9:00 pm	10:00 pm	11:00 pm	12:00 midnight	0400
0500	9:00 pm	10:00 pm	11:00 pm	12:00 midnight	1:00 am	0500
0600	10:00 pm	11:00 pm	12:00 midnight	1:00 am	2:00 am	0600
0700	11:00 pm	12:00 midnight	1:00 am	2:00 am	3:00 am	0700
0800	12:00 midnight	1:00 am	2:00 am	3:00 am	4:00 am	0800
0900	1:00 am	2:00 am	3:00 am	4:00 am	5:00 am	0900
1000	2:00 am	3:00 am	4:00 am	5:00 am	6:00 am	1000
1100	3:00 am	4:00 am	5:00 am	6:00 am	7:00 am	1100
1200	4:00 am	5:00 am	6:00 am	7:00 am	8:00 am	1200
1300	5:00 am	6:00 am	7:00 am	8:00 am	9:00 am	1300
1400	6:00 am	7:00 am	8:00 am	9:00 am	10:00 am	1400
1500	7:00 am	8:00 am	9:00 am	10:00 am	11:00 am	1500
1600	8:00 am	9:00 am	10:00 am	11:00 am	12:00 noon	1600
1700	9:00 am	10:00 am	11:00 am	12:00 noon	1:00 pm	1700
1800	10:00 am	11:00 am	12:00 noon	1:00 pm	2:00 pm	1800
1900	11:00 am	12:00 noon	1:00 pm	2:00 pm	3:00 pm	1900
2000	12:00 noon	1:00 pm	2:00 pm	3:00 pm	4:00 pm	2000
2100	1:00 pm	2:00 pm	3:00 pm	4:00 pm	5:00 pm	2100
2200	2:00 pm	3:00 pm	4:00 pm	5:00 pm	6:00 pm	2200
2300	3:00 pm	4:00 pm	5:00 pm	6:00 pm	7:00 pm	2300

Greenwich Mean Time
 Pacific Standard Time
 Pacific Daylight Time & Mountain Standard Time
 Mountain Daylight Time & Central Standard Time
 Central Daylight Time & Eastern Standard Time
 Eastern Daylight Time
 Greenwich Mean Time

Remember that the GMT date moves ahead at 0000 GMT. If one listens to a broadcast at 5:00 PM PST or 8:00 PM EST on the 3rd, it would actually be 0100 GMT on the fourth. GMT times & dates should be used when sending in all loggings to SPEEDX, as well as writing reception reports to international broadcasters.

The exception to using GMT time & date is when sending reception reports to small regional broadcasters who may not understand what GMT is. In this case one would use the local time & date at the broadcasters QTH.



SPEEDX

Western Hemisphere

EDITOR: Chris Hansen

**2825 Webb Ave. 5F
Bronx, NY 10468**

(212) 549-6613 2300-0330 GMT

(212) 975-1608 1330-2200 GMT

Deadline: 12th

All times and dates UTC, All fqys in kHz

NOVIEMBRE 1980/

I was shocked and saddened to learn of the death last month of Bob Donly, our experienced and capable QSL Editor. It will be very difficult to fill his place in the magazine. I extend my condolences to his family and friends.

I would, however, like to congratulate Larry Talbot of Menomonee Falls, WI (home of John Trautschold, our President and Publisher), on his accession to the post of Managing Editor. I am sure we wish him well as he begins his endeavors.

NOTICE/

My column this month will delay the publication of the bulletin. The reason for this is problems with reporting. Many more loggings than usual this month were submitted on forms or in formats which are incompatible with the SPEEDX form. This necessitates retyping on my part -- and this delays the column considerably. Because of this time factor, I have decided, in consultation with others, to require the following of reporters:

(1) Unless a report is submitted on a SPEEDX report form, PRINTED OR TYPED (not in script)

OR

(2) Unless the report is TYPED or PRINTED NEATLY on a strip of paper to be not larger or smaller than 8-1/2 X 4-1/4 inches,

the logging will not be accepted for credit or inclusion in the column.

This policy will begin with loggings submitted for the January 1981 issue. I find that I will not be able to cope with the rising numbers of loggings submitted unless some standard is applied to all loggings. Exceptions will be sparingly granted. I will communicate with the Central Distribution Editor and apprise her of this policy so that credit will not be given to those not following the formats specified above unless I grant an exception.

I know that this will create some dissention, so allow me to explain my reasoning. When I am faced with approximately 1,000 loggings per month -- it is quite a job to sort them all into order for the column. I have found that I cannot integrate loggings on odd-sized pieces of paper into the group of sorted loggings -- I have also found that, if I try to keep these odd-sized pieces of paper separate and refer to them when they are needed in my typing job, I either lose them or forget I have them and do not include them in the correct place. So, in the last year or so, I have been transferring these loggings to SPEEDX forms so that I will be able to include them in the column and sort them. However, with the increasing number of unusual sized pieces of paper I am receiving, I cannot now take the time to transfer these loggings. I have therefore picked the loggings that were the best of the submissions of a contributor and included those; the rest have been edited out (that is a euphemism for discarded). This takes time -- time which could be better spent typing the column. My time is more limited than it has been, and, although I have been trying to keep a weekend clear for editing the column, it is sometimes difficult to do this. So, the only way to keep the column getting in on time is to standardize the logging forms so that sorting, the most onerous task for me (I type 100 words a minute, so typing the column is not the difficult task), is made easier. I hope that everyone will understand. I am going to communicate with those reporters whose loggings I will continue to accept on non-standard forms (you have already received a card or letter from me, I hope). If you haven't received a card or letter, please try to use forms or a standard format as specified above. I really do want to include your loggings in this column -- however, if a column is to be produced at all, the formats specified above must be followed. I welcome comments on this subject -- if enough people feel I am wrong, perhaps I should let someone else who is willing to put up with the non-standard formats do the column. Thanks for your patience with this tirade. I begin South America on the next page.

Be reminded that any logging without a language designation was heard in Spanish.

SOUTH AMERICA

ARGENTINA

- 5882 2325 R. Rividavia, 2 OMM discussion, ID 2339ñ into a sporting event (433; 9/15; Cohen, PA)
6060 0925 R. Nacional, EZL mx, tlk by OM, ID (343; 9/28. Alexander, PA)
6120 0930 R. El Mundo, ID, "LR1, Radio El Mundo," good morning to listeners, possibly s/on (343; 9/19. Jones, MS)

BOLIVIA

- 4755.7 2330 R. Bolivia, 2345 ID by YL: "...desde Oruro, Radioemisora Bolivia, la primera emisora campesina del país," but music as much rock as "campesina," TCs with cuckoo clocks, ads separated by cock;s crows; heavy-duty het vs. Brazil on 4755, gradually fading out at sunset! (8/10. Walcutt, TX)

BRAZIL

- 2420 1130 R. San Carlos, PP, ID, clear, local mx (252; 9/22. Zilmer, NM)
4755 2345 R.dif. Maranhão, PP, Brazilian pops, one a song with plunky harp accompaniment, seems to give IDs immediately following each musical selection, sometimes with TC and sound effects; ID as "Rdif. Maranhão" with the "n" in "Maranhão" seemingly silent, best signal at sunset, fading out with full darkness (10/6' Walcutt, TX)
4775 0145 R. Cultura Sergipe, PP, Brazilian pops. Ad for baby formula, ID by OM, slight ute het (fr; 9/28. Parks, FL)
4785 0901 R. Ribamar, PP, tlks by OM; orch mx lead-in to complete taped ID, gave MW & SW fgys, ID as "R. Ribamar do Maranhão," into folk vocal mx (333; 9/6. Cunningham, FL)
4805 0150 R. Dif. do Amazonas, PP, frantic OM w/ march mx in background. ID ///// OH) by OM at 0154. KO'D by RTTY ute at 0200 (fr; 9/29. Parks, FL)
4825 *0830 R. Educadora de Bragança, PP, per tip from Stu Klein, s/on 0830 w/ few secs of instrumental mx & ID by OM w& mention of Pará state, recorded mx to 0900; Ave María 0902, QRM de Reloj; ID was either "Educadora," or "Difusora." (10/1 Lazarus, LA)
4855 2250 R. Clube do Pará, PP; OM/YL reading nx, many IDs (3 per minute), weak (222; 9/26. Greenwood, PA)
4885 0820 R. Clube do Pará, PP; musical ID, Brazilian pop mx (444; 9/28. Alexander, PA) (-0343*, sx to 0343*. Bad het from Ondas del Meta; short anmt before abrupt s/off, but couldn't get. 5/10. Berg, MA) (Glad to welcome you to W/H, Jerry; ch)
4895 0910 R. Baré, PP, ID, amnts, MOR mx (333; 9/28. Alexander, PA) (0843; amnts by OM, mentions of Amazonas and Manaus, then clear taped ID. Tlks, laughter with 2 OMM, into px of folk mx and ballads, 333; 9/6. Cunningham, OF) (0923; 10/4. Brewer, TN)
4915 0055 R. Anhanguera, PP, rock and mod ballads, ID at 0100, Deep QSB on signal, relatively strong tho for before local darkness. (322; 9/27. Palmer, WA)
4925 2310 R. Taubatê, PP, Brazilian pops and talk, soccer match at 0130, ID at 0200; (222; 9/18. Alexander, PA) (0250; 0255*; fr; 9/10. Parks, FL)
4985 0105 R. Brasil Central, PP, ads, upbeat OM anc; station break at 0106, more ads, most of them musical, 2 of the ads mentioned Goiânia (333; 9/27. Palmer, WA)
5055 2240 R. Maua, PP, tlk by OM and YL, px was // 5035 R. Aparecida. ID at 2302, light mx (232; 9/18. Alexander, PA)
5965 2330 R. Guibaba, PP, good signal, LAM mx, ID, then into national nx (343; 9/7. Marshall, GA)
6065 0820 R. Nacional Brasília, PP, tlk, px on LAM countries, ID (gd; 9/23. Holland, NY)
6115 0815 R. Tupi, PP, LAM ballads, QSB, QRM, definite ID (very good; 9/23. Holland, NY)
9585 0918 R. Excelsior, PP, mx, amnts, definite ID at 0930 (9/14. Brewer, TN)
15145 1800 R. Jornal do Comercio, PP, local nx, ID as: "ZYI771, 780 kHz, onda meia; ZYI775, 6085 e ZYI774 15145 kHz ondas internacionais, 99.7 MHz FM, emisoras da Rádio Jornal do Comercio," (433; 9/9. Faccioli, Uruguay)
15290 0259 Radiobrás, EE, IS, ID, fgys, target areas, etc. sounded like bc was jammed (433; 9/3. Kopriva, CA) (0200; 322; 9/1. Hodsdon, MN) (0218; 433; 10/4. Ortega, CA) (0300; 534; 9/16. Miller, CA) (0232; 544; 9/15. Huffaker, México) (0245; 433; 10/5. Berkholtz, MN)

CHILE

- 6105 2300 R. Patagonia Chilena, local nx, then musical px w/ ads. ID at 2325: "Tras-mite R. Patagonia Chilena..." // w/ 970 kHz. (333; 8/27. Faccioli, Uruguay)
9550 1026 R. Nacional de Chile, classical mx, ID: "R. Nacional de Chile," mx, tlk (333; 9/16. Smith, FL)
11765 0444 R. Nacional de Chile, 0504*, popular mx, records (333; 10/5. Traver, CA)
11890 0410 CB114, ID 9/8; good signalñ off abruptly at 0412. Once a La Voz de Chile (external service) fg, this time testing with domestic service (Hauser, TN)
15150 2347 R. Nacional de Chile, sporting event, crowd noises. Must be fútbol -- ¡There's a score! (444; 10/4. Traver, CA) (2220; 333; 9/18. McKinney, PA)

COLOMBIA

I GUESS I DON'T HAVE ENOUGH ROOM HERE. I'LL TRY AGAIN NEXT PAGE!!!

/COLOMBIA/

- 4814 0230 R. Guatapurí, IDs, nothing but SS tlks for one-half hour (444; 9/20. Thompson, CA) (4815, 0459* after "el himno nacional de Colombia, : 444; 9/26. Palmer, WA) (0450; 333; 9/30. Munster, GA) (0340; 333; 9/14. Pettit, IA) (0415; 353; 9/23. Mosier, CA)
- 4935 2250 R. Villavicencio, nx, tlk by OM/YL, ID w/ reverb at 2300 by OM, LAM vocals (Note: this station appears to be signing off around sunset as does LV de Yopal, reported last month) (fr; 9/18. Parks, FL)
- 4945 2358 R. Colosal, mx, OM tlk, TC? ID, LAM mx, fqys, (323; 10/4. Heyman, NY) (0317; noticias began 0318; ID at 0321 "TODELAR de Colombia," 333; 9/26. Palmer, WA)
- 5040 0405 R. Cinco, general tlk, many "barker IDs" (fr; 9/1. Holland, NY) (0430; pr/fr; 9/12. Parks, FL)
- 5075 0119 R. Sutatenza, nx, many ads, OM ID at 0124; fqy list at 0129, full ID, s/off at 0130 (433; 9/30. Davidson, SC) (0133*, ID: "Esta es Radio Sutatenza en Bogotá, Colombia, Sudamérica, : UTE QRM (522; 9/26. Palmer, WA)
- 5095 0230 R. Sutatenza, GG, (??), Otto von Bismarck mentioned, station ID in SS at 0257, 0259*; (343; 9/29, Stone, ON) (0207; 434; 9/22. Moss, CA) (0308; 243; 9/23. Mosier, CA)
- 5955 *0940 LV de los Centauros, NA, ID, calls, fqys (444; 9/19. Jones, MS)
- 6065 0750 R. Súper, LAM mx, ID, anmts, OM ancr; echo ID (343; 9/28. Alexander, PA)
- 6115 0533 LV del LLano, Various LAM vocals, including the SS version of "Snoopy Hang-On." Never thought I'd hear that on a Latin (333; 9/30. Mosier, CA) (If you think that's bad, just wait until they discover "¿Does Your Chewing-Gum Lose Its Flavor On The Bedpost Overnight?" !! ch)
- 6120 0520 R. Súper, tropical mx, comments by OM, ID: "Más música en la Súper de Cali..." (433; 8/24. Faccioli, Uruguay) (See next logging--who's correct?? ch)
- 6125 0930 R. Súper de Cali, ID, LAM mx, ex-6085 (And here's fqy. number Three, folks -- do you think the correct fqy. is Number One, Number Two, or Number Three. Peggy Cass, how do you vote?? ch) (333; 9/28. Alexander, PA)
- 6150 0448 LV del Huila, IDs mx, (323; 9/17. Jones, CA)
- 6160 0800 Emis. Nueva Granada, LAM mx, anmts- ID (444; 9/28. Alexander, PA)
- 9510 0400 UNID, SS fiery speech, QRM from BBC carrier, 9/28, s/off w/ NA. at 0429* (232; Nebron, CA)
- 11785 0240 R. Nacional de Colombia, mx (333; 9/15. Berkholtz, MN) (Guiaba, perhaps? ch)
- 11795 0057 R. Nacional de Colombia, IS, ID at 0057, 0100-0115 class mx; (343; 9/28, Findlater, CA) PA
- 15333.9 0335 R. Nacional de Colombia, opera-type music, fqy. measured (353; 9/21. Earhart,

/ECUADOR/ -- HCJB

- 15335 0100 About time HCJB gave up on 11910 which Budapest has been using; for S80 HCJB moved to this powerhouse at 0030-0230. It was so strong 9/7 check that on 15555 I could hear a mixing product with 15155, alternate px (Hauser, TN)
- 21480 2130 EE, DXPL, //17790 & 15300 were buried in QRM (434; 9/8. Pettit, IA) + 30
- 3280 1019 LV del Napo, TCs, messages to listeners (443; 9/19. Jones, MS)
- 3380 1027 R. Iris, rock mx followed by choral anthem (NOT NA), ID by OM tllking into barrel. Ecuadorian mx (453; 9/13. Jones, MS)
- 4655a 0345 CRE, OMMs, very excited, sounded like some sort of sporting event -- heard better in the morning (333; 9/21. Marshall, GA)
- 4656.5 0330 CRE, ID at 0354 w/ march (from Aída?) as follows: "Esta es CRE, Radioemisora del Ecuador, trasmitiendo desde la ciudad de Guayaquil, la perla del Pacífico, en frecuencias onda larga 570 y onda corta 4765 kHz en la República de Ecuador, Sudamérica, : ex-4766.5, 0430 similar s/off anmt, vocal version of NA, 0431* (Walcutt, Texas)
- 4657 0942 CRE, long tlks by OM6YL, LZm ballads, and complete ID w/ calls, fqys, QTH. Not hrd on old 4865; xmitter problems?? (444; 9/26. Cunningham, OH) (4659; 0030; discussion px w/ 2 OMM, ns, full ID at 0100; gd; 10/2. Parks, FL)
- 4680 1055 R. Nacional Espejo, lively LAM vocals, OM ID at 1107, more mx (433; 9/14. Thompson, CA) (0550; 343; 9/28. Alexander, PA) PA
- 4802 0600 R. Popular Independiente, Ecuadorian mx, OM ancr, ID (333; 9/28. Alexander, PA)
- 4819.7 0935 R. Paz y Bien, SS/Quechua, Andean-style instrumentals, px preview, IDing: "através de Paz y Bien onda corta y onda media;" 0045 sermonizing in Quechua to 1002 then back into SS (10/4. Walcutt, TX)
- 4851 0240 R. Luz y Vida, ranchera mx, OM/YL tlk, ID by OM at 0258, 0259* (fr; 9/18, Parks, FL)
- 4910 0240 Emisora Gran Colombia, ID by OM at 0242, plug for R. Cadena Nacional net, soccer game (gd; 9/21. Parks, FL)
- 4920 0429 R. Quito, Andean-Indian mx, OM tlk, ID: "R. Quito, La Voz de la Capital," 0432 2-minutes-slow TC, Indian Love Call always played before s/off, features a whistler and violin (322; 9/26. Palmer, WA) (0445; 0500*; 353; 9/20. Alexander, PA) (0405; 343; 9/20. D'Angelo, PA)

NOT ENOUGH ROOM FOR FRENCH GUIANA ON THIS PAGE. I HOPE I SAW YOU AT PETE SCHIPELLITI'S LAST WEEKEND.

FRENCH GUIANA -- FR 3

3385 0900 FF, IS/NA & OM w& ID and light mx, 0900* (332; 9/25. Cucura, PA)

GALAPAGOS ISLANDS -- LV de Galápagos

4810 0335 PX: "La Música de Galápagos," with tropical and cumbia mx. 0402* w/ ID and Ecuadorian National Anthem. (444; 8/28. Faccioli, Uruguay) (0354; singing and talk 322; 10/5. Traver, CA)

GUYANA -- Guyana Broadcasting Service

5950 2325 EE/Lang., mx, cmt, barely audible until 2357 when IS from LV de Nicaragua drowned them out completely (No name or other details on this logging -- please remember to put your name, the date, and the various other details on a logging.ch) (0757, mx, "Pledge of Allegiance to Guyana," IDs, QTHs, fqys, mx, tlk on Bible/Koran/Bhagavad-Gita. 343; 10/4. Heyman, NY) (0830; ID as "Guyana Broadcasting Corporation, NOT GBS. Early Bird Show; 343; 9/20. Zilmer, NM) (0737; hymns, including "Rock of Ages," then a program on yoga. (Quite a mix. ch) Local TCs (GMT -3) and IDs; 333; 9/25. Mosier, CA)

PERU

4790 1020 R. Atlántida, ID, ads, música peruana (242; 9/23. Jones, MS)

4810 0455* R. San Martín, Tarapoto, new one here to 0455*, per Arthur Cushen on RN-DXJB where he played a clear ID tape from a logging. Checks here in AM and after Galápagos s/off show nothing -- yet (Berg, MA)

4860 1027 R. Chinchaycocha, OM LAM vocals, tx, TC/ID (433; 9/14. Thompson, CA)

5970 1041 R. El Sol, ID, TC, "Sol en Los Andes," px, good sig (444; 9/29. Jones, MS)

6010 1040 R. América, Argentine-flavored mx & vocals. "R. América" ID every now and then over mx or between selections. Signal went to pot by 1055 when R. Los Andes (R. Mil Quarenta) ID heard beneath (322; 9/11. Jones, MS)

t6140 1045 R. Huayllay, very definitely Peruvian-type mx and SS anmts; could not squeeze ID out of him (242; 10/6. Jones, MS)

6175 0904 T. Tawantinsuyo, Peruvian mx, fast ID&TC (353; 9/19. Jones, MS)

SURINAM

t4751 0125 R. Apintie, Lang, sounds like vernacular, calypso, hi-life type music w/ OM. No positive ID but believe it's Apintie (pr/fr; 9/21. Parks, FL) (*0828, OC from 0825 then NA, and opening ID by OM as "R. Apintie, AM en FM en MK Stereo," into px of ME vocal mx. Nice level; 322; 9/6. Cunningham, OH) (0810; organ mx nonstop into nonstop choral mx at 0845; 444; 9/21. Huffaker, México)

5006 0250 R. Apintie, Dutch, American pop instrumentals, vocal rendition in EE of "Bridge Over Troubled Waters," ID by OM at 0251. Only one ID noted in 45 mins. of listening -- rest mx. This one sure moves around (One step ahead of the sheriff, hi!) (gd; 9/23. Parks, FL) (0930; 0830-0930 w/ excellent sub-continental mx; 5006 much better than 4751 -- when will they settle down; 9/25-22, Greenwood, PA) (0200; continuous mx, many kinds, usually IDs on half-hour. Drums after s/off anmts; 232; 9/24. Archer, NC) (0130; 433; 10/6. Hoffman, PA) (0853; 333; 9/13. Cunningham, OH) (2345; calypso music to 0000 when that gave way to classical mx; went up a kHz between 9/13 and 9/24; 433; 9/24. Cohen, PA)

URUGUAY -- SODRE

9620 0230 Local px, pop mx. ID: "CX26, y CX38, con CXA6 y CXA14, emisoras del SODRE, Servicio Oficial de Difusión Radio Eléctrica, Montevideo, Uruguay," (555; 10/9 Faccioli, Uruguay) (Oh, yes, 0300* w/ NA)

VENEZUELA

t3375 0945 LV de la Fé, LAM pops, ID (if you heard an ID, it isn't tentative!! ch) (good; 9/20. Holland, NY)

4759.9 0145 R. Frontera, 0301*, rock and pop mx, 0159 ID "Esta es Radio Frontera" and fqys; 0215 presentation in dramatic form; Venezuelan NA at 0301 (10/7. Walcutt, TX)

4770 0115 R. Bolívar, Sta. ID, OM ancmt; lively ads - LAM mx (322; 9/20. Stone, ON) (0100, 444; 9/26. Thompson, NM) (0215; 433; 9/17. Archer, NC)

4800 0140 R. Lara, Lively LAM mx, MFJ-752 nulled 2 hets nicely (422; 9/18. Archer, NC) (0200; 444; 9/21. Thompson, NM)

4820 1140 LV de Apure, OM gospel instrumentals, TC/ID, tlk (rel.) (333; 9/14. Thompson, CA)

4840 0308 R. Valera, Radio drama, ads to ID at 0327, followed by mx (343; 10/4. Schlesinger, TX) (2330; 222; 9/29. Davidson, SC)

4860 2350 R. Maracaibo, ID by OM at 2351, brief tlk by OM and into LAM mx - vocals -- Note -- haven't heard this one in ages (good; 9/18. Parks, FL)

4900 0315 R. Juventud, mx, just like out FM stations (454; 9/19. Moss, CA) (0001; 433; 10/4. Heyman, NY) (0130; 454; 9/19. Thompson, NM)

4940 0200 R. Yaracuy, ID, mx, good signal (454; 9/20. González, NY) (0328; 232; 9/26. Palmer, WA)

4960 0313 R. Sucre, mx, TCs, IDs, "en R. Sucre, las once veinte cinco minutos." (332; 9/16. Huffaker, Mexico)

WILL CONTINUE WITH R. RUMBOS ON NEXT PAGE.

/VENEZUELA/ -- (Continued)

- 4970 0434 R. Rumbos, LAm mx (453; 9/11. Somers, CA) (0445; "Lo mejor para amor...Caracas" 0500*, mentioned "our new station on 9660 kHz transmitting from its two giants of the air (radio towers)" with 400,000 watts of effective radiated power!" (very florid. ch) 444; 10/8. Brown, IL)
- 4980 2357 Ecos del Torbes, loud, clear full ID at 2355, including calls, fqys and QTH. Gave fqy. in kilocycles. LAm pop mx (444; 10/5. Cereghin, MD) (0100; 444; 9/23. Thompson, NM)
- 4990 2335 R. Barquisimeto, anmts, ID, LAm mx, TC (343; 9/23. Alexander, PA)
- 5030 0200 R. Contiente, ID, mx, nx (353; 9/21. González, NY) (2306; 4 ads in a row; very jubilant announcer, IDs spoken clearly. 322; 10/5. Cereghin, MD) (0440; "música romántica, siempre música," s/off w/ NA at 0502; 344; 10/3. Brown, IL) (444; 9/23, Schlesinger, TX) (0200; 433; 9/28. Davidson, SC) (0350; 253; 9/23. Mosier, CA)+1
- 5040 0330 R. Maturín, Rumbos nx, ads at 0336; (333; 9/16. Huffaker, México)
- 5999 0930 R. Sensación, px of Venezuelan mx w/ anmts by OM, 4 IDs heard, two with slogans, "R. Sensación, primer lugar en música venezolana," QRM de Reloj (9/19. Lazarus, LA) (6000, 0955; many IDs, TCs, ID is enthusiastic "R. Sensación," NY at 1000, poor signal; thanks to Perry via Lazarus; 232; 9/13. Jones, MS)

/NORTH AND CENTRAL AMERICA/

/ANTIGUA/

- 6175 0601 BBC, EE, OM nx, Jamaica will hold general elections (444; 10/6. Traver, CA) (0330; 444; 9/16. Kopriva, CA)
- 15275 1348 DW, GG, px preview, station signal (444; 10/5. Berkholtz, MN)
- 15410 2340 DW, GG/EE, nice classical mx, Morteverdi's Magnificat, nx at 0100; Caribbean Relay, ID at s/off, so Antigua is tentative but very likely (444; 10/3. Archer, NC)

/BELIZE/ -- R. Belize

- 3284 1138 EE, wx report on hurricane; TCs, pop mx (oldies), some mx in SS, messages to a sergeant (Sgt. Garcia?? ch) (353; 9/22. Zilmer, NM) (0025; 444; 9/30. Dittrich, FL) (0300; 322; 9/18. Archer, NC)

/CANADA/

- 3485 1130 "CKSO Sudbury, ON" first discovered 9/23 relaying CHNO 550. Hrd. also 9/26 w/ special test taped px "CKSO now bcs...3485 in the 80 mb" -- since then eves 0000 and AMs 1100 relaying CKSO 790 (claim 125 W in test -- deep fades to fair) (322; 10/1. Kowalski, WI) (3487v, varies, CKFI, bootleg, first noted 9/20 0025-0123, relaying CHNO Sudbury Ontario. On 9/27, solid rock mx, IDs by OM as "CKFI, w/ ERP of 125 W." This at 0015 period. Sounded like typical rock pirate. On 9/29, noted 0212-0145 relaying CKSO Sudbury. This one seems to be on the air whenever 75/90 meters is open, either relaying AM stations or live as CKFI (exact call uncertain). Call, stations relayed, and my loop antenna all point toward Ontario area. (333; varied, Cunningham, OH)
- 5960 0400 RCI, EE, IS, ID, nx, sx, DXD (444; 9/1. Kopriva, CA) +2
- 6070 0617 CFRX, Toronto, EE, IDs, mx (323; 9/17. Jones, CA)
- 6080 0818 CKFX, Vancouver, EE, country mx, CKWX IDs, deep fades but fair signal with only 10 W (252; 9/16. Mosier, CA)
- 6120 0219 BBC, EE, piano mx, "Talkabout" at 0230 (444; 9/17. Whetzel, IN)
- 6160 0641 CKZU, EE, classical mx, fairly long selections, IDs as "CBC Radio," (343; 9/9, Mosier, CA)
- 6195 0424 CBCNQSWS, EE, mx (333; 9/17; Berkholtz, MN)
- 9695 0129 RCI, EE/SS, tlk, ended px (333; 9/4. Smith, FL)
- 11720 1605 CBCNQSWS, EE, Quirks and Quarks, (444; 9/20. Whetzel, IN)
- 11955 *1300 RCI, EE, "Sunday Morning," (544; regularly, Whetzel, IN)
- 15260 1945 RCI, EE, African Service (555; 9/22. Schroeder, WI) (*1800, 333; 9/7. Whetzel, IN) (0105; 444; 9/17. Berkholtz, MN)
- 17820 1749 RCI, GG, The life of the Dionne quintuplets (433; 9/14. Berkholtz, MN) (*2130; 555; 9/7. Whetzel, IN)
- 17875 *2000 RCI, EE, world nx, etc. (333; 9/7. Whetzel, IN)
- 21695 *1900 RCI, EE, nx, Saturday Nite Music Show (444; 9/27. Whetzel, IN) (1613; Polish; 444; 9/28. Berkholtz, MN)+1

/COSTA RICA/

- 4832 0425 R. Reloj, fast-paced tlk, mx (343; 9/20. D'Angelo, PA) (0550; "Para Costa Rica y el mundo, trasmite R. Reloj, son las 11.57 minutos, 37 segundos" 333; 9/2. Faccioli, Uruguay) (0200; 333; 9/18. Archer, NC) (0615; 333; 9/21; Pettit, IA)
- 5055 0250 TIFC, Faro del Caribe, SS/EE, LAm mx, including "La Cucaracha," (Oh Lord, I sing that all day here in New York! ch); rel. px at 0300 (152; 9/23. Mosier, CA) (0138; 333; 9/12. Cohen, PA) (1124; 444; 9/30. Schlesinger, TX) (0345; 0355*; 352; 9/2. Ortega, CA)
- 5954a 1025 R. Casino, TIQ, IDs, talkative OM ancr & ranchera mx, hrd. 1025+ (422; 10/4; Greenwood, PA)
- 6006 0740 R. Reloj, LAm mx, U.S. Pops, ID, //4832 (333; 9/28. Alexander, PA)

COSTA RICA -- (Continued)

6077a 1055 R. Rumbo, ads, ID ("En Rumbo"), TCs, ranchera mx (323; 9/18. Jones, MS) CA)
9645 0620 Faro del Caribe, TIFC, EE, tlk, mx, px details of Sunday, (433; 9/25. Miller,

CUBA

5045 1004 Radio Moscow Relay, EE, nx, ID (454; D'Angelo, PA)
6060 2252 R. Havana Cuba, LAm pop mx, ID, IS, many more IDs, then the news (433; 9/13; Dittrich, FL) (0425; 333; 9/15. Archer, NC)
11725 0530 RHC, EE, nx read by both YL and OM, cmt on Chinese acts of aggression against Vietnam, "Today in Sports," IS? ID? times and freqs, National Anthem, 0559* (444; 9/28. Kopriva, CA)
11760 0505 RHC, EE, OM/YL alternating nx reports, Venezuela acquitted terrorists who bombed a building in Cuba! Abominable! (444; 10/5. Traver, CA) (0332; 333; 9/19; Sanderson, AZ) (0530; 555; 9/10. Somers, CA)
11930 0100 RHC, EE, nx report, cmt on solidarity of Libya and Syria, orch mx, address for listeners' (or should it be listener's?? ch) letters (454; 9/14. Thompson, NM) (0402; 434; 9/20. Miller, CA)
15230 1540 RHC, OM w/ lively Cuban mx, IS/ID/march mx (544; 9/13. Thompson, CA)
17795 1557 R. Moscow Relay, RR, foreign service IS at 1600, -- Radystantsiya Rodina ID after IS, should be Havana Relay due to Aug. 80 WRTVH Newsletter listing and S9+ 20 dB signal on my receiver (555; 9/30. Boehm, TX)

DOMINICAN REPUBLIC -- R. Mil

4930 0031 LAm pops, IDs, and a 50's song (444; 10/5. Dittrich, FL) (2350; "de la capital dominicana esta es R. HIBE," 333; 9/29. Davidson, SC)

EL SALVADOR -- R. Nacional de El Salvador

9553.3 0428 OM w/ wild nx to 0433, movie piano concerto, OM ID at 0448, mild echo chamber effects, patriotic mx w/ chorus QRM on upper sideband, best on lower sideband; (LSB 444; 10/8. Munster, GA) (9552; *1023; s/on w/ long NA (4 mins) and then full ID and into pxx after 1030; ranchera mx; Havana's s/on at 1057 "wasted this." (10/8. Greenwood, PA) (2257; ending of a long excited talk mentioning Panama and El Salvador; crystal-clear IDs at 2259 and 2301, into mx; 322; 10/5. Kowalski, WI)

GRENADA -- Radio Free Grenada

15045 2210 EE, Twilight Melodies, (545; 9/13. Johnson, IL) (2336; QRM de het, especially after 2345 by SSB station in SS; 332; 9/20. Berkholtz, MN) (2230; BeeGees mx, KC & Sunshine Bank, QRM at 2030, US Air Force on 1504! SSB; 322; 9/13. Shepherd, IL) (2308; OM tlk on fishing rights in Bahamas, nx, mx -- building material ad: "No Down Payment" -- 2400*; 444; 9/29. Forbes, TX) (2335; 333; 9/6. Kopriva, CA) (2250; relay of BBC Soccer scores, lots of QSB; 333; 9/20. Blaize, CA) (2322; records: "Light My Fire," etc. Ads for "Grant's Exercise Book," 232; 9/6. Westbrook, FRG) (2232; 243; 10/1. Wampler, VA)

GUATEMALA

3300 0330 R. Cultural, EE, "From the Heart of the Americas," -- "Through the Bible" px (423; 9/19. Pettit, IA)
3360 1123 La Voz de Nahuallá, LAm mx, mucho ID, CW QRM (423; 9/10. Schlesinger, TX)
4835 1210 R. Tezulutlán, tlk, marimba mx, good IDs, QRM/QSB (433; 9/26. Blaize, TX)
6180 0731 LV de Guatemala, IDs, mx (323; 10/1. Jones, CA)
1039 ...noted Friday 9/19 at 1039 with EE anmt saying that its international service in on the air Mon-Fri at 0000-0500 Guatemalan time, or 0700-1200 GMT; News to me if Guatemala is on PDF; presumably they mean 0600-1100 GMT. This day's Guate-scope segment itself was at 1046-1050, was undermodulated compared to adjacent ID, and closed with "same time tomorrow." That's a laugh -- the time has varied widely during the 1000-1100 hour, and they just said it was Mon-Fri only (Hauser, TN) Frequency was exactly 6180.0 though some have reported it varying upward a few kHz.

HAITI -- R. 4VEH

11835 1145 EE, "Moody Bible Institute," ID at 1200 (343; 10/4. Archer, NC) (1225; rel px, 322; 9/10. Forbes, TX)

HONDURAS

4780 1125 R. Juticalpa, ranchera music, ad strings, frequent IDs by OM, some RTTY UTE QRM (fair, 9/19. Parks, FL) (Mr. Parks reports that the only stations he hears from Honduras are R. Juticalpa, R. Lux, and LV Evangélica -- therefore recent reports of R. Progreso are probably reports of R. Quito on 4920. ch) (1049; long string of ads, ranchera mx, more ads, ID at 1101; 453; 9/13. Jones, MS) (*R. San Isidro)
4819.6 0415 LV Evangélica, OM, "Sitting here in hot Southern California talking to Larry Dalton by phone in Tulsa." Played records, talked about young missionaries, followed this with radio drama, ID at 0435; (222; 10/5. Traver, CA) (0415; anniversary of Sunday School, "Songs in the Night," 444; 9/29. Forbes, TX) (0450*; religious px, s/off. 222; 9/29. Westbrook, FRG) (0415; 332; 9/20. D'Angelo, PA)
4890 0130 R. Lux, HRVL, pop mx, orch. mx, vocals, tlks, IDs (444; 9/21. Thompson, NM)

HONDURAS/ -- (Continued)

- 4845 0025 R. San Isidro, 'Programa música de Norte América,' AM pops in EE, ID by OM at 0030. Local thunderstorm QRN. Note -- this station appeared for several days after a long absence and then disappeared again (fair; 9/18. Parks, FL)
- 4965 1145 R. Landia, ranchera mx, ads and ID by OM at 1200, news at 1205 (good; 9/11. Parks, FL) (This should have been included as one of the stations he hears from Honduras under 1780. Sorry. ch)
- t5972 1040 LV de Centro America, LAm mx, noticias by YL/OM and a couple mentions of Honduras and a GMT -6 TC (10/8. Greenwood, PA)

MEXICO/

- 2390 0035 R. Huayacocotla, tlk by OM on situation in Nicaragua, ranchera mx, ID by OM at 0038. Some QRM from LV de Atitlán and intermittent QSB (fr; 9/26. Parks, FL) (0112; 423; 10/4. Schlesinger, TX)
- 6020 1155 LV de Vega, Mexican and American pops, TC (steam whistle) at 1200; lots of ads for Coke, Tequila, local businesses in Vera Cruz and Jalapa. Most common IDs were LV de Vega, Ciudad Vera Cruz. IDs are casual. Also heard another ID, R _____, LV de Vega, obscured by QRN. Could have been call letters or another name. Presume this is old La "U" de Vera Cruz renamed (good 9/23. Parks, FL) (1148; ID as XEU, ads, ranchera mx; 444; 9/13. Jones, MS)
- 6165 1240 La Voz de America Latins, ID by YL at 1240, ad strings, tlk by OM (pr/fr; 9/24. Parks, FL)
- 6185 1100 R. Educación, LAm instrumentals, ID by YL at 1102 -- NOTE: The station I reported last month as "Radio Tuxpan" has not reappeared. This station reported above is clearly the XE now using this fgy. However, the ID and the signal strength after 1200 -- R.E. is down in the mud whereas Tuxpan was about S9 -- still leads me to believe there were two stations operating on the fgy. Possibly a special broadcast with the approach of Hurricane Allen. (gd; 9/17. Parks, FL)
- 15430 0027 R. Mexico relatively clear here now for S80 that both AFRTS has left the frequency after 2400, and R. Finland is gone after 0300. So should be open for The Mexican Hour, GMT Fridays 0030-0130+; also on 9/9 at 0028 I caught the end of EE segment "Mexico in One Minute," it was on three minutes early! (Whatever happened to mañana? ch) (Hauser, TN)+ 6 or so who catch Mexico in One Minute at about 0015 or so, plus.

NETHERLANDS ANTILLES/

- 6165 0240 RN, EE, report on Iran/Iraq conflict (544; 9/25. Wampler, VA)+3
- 9590 0309 RN, EE, DXJB, (555; 10/2. Cuppy, IN)
- 9770 0800 RN, EE, His & Hers, (444; 9/30. Zilmer, NM) mer, NM)
- 11745 0050 TWR, EE, IS? ID to 0100, then Radio Today (Religion of Mover) (333; 9/23, Zil-
- 15205 *2159 TWR, EE/Mandarin Chinese, IS, EE ID, QTH, fgy, CC px (253; 9/10. Ortega, CA)+1
- 15255 1215 TWR, contrary to its advance schedule, TWR for S80 did not begin the season by reverting to 11815 before 1230, since still heard on 15255 9/8. It suffers as usual some jamming intended for FRE/RL. (Hauser, TN)
- 15315 0031 RN, DD, nx of Somoza assassination (444; 9/18. Berkholtz, MN)
- 17695 2050 RN, EE, Afro-Scene px to West and Central Africa (454; 9/19. Hesch, NY)+1
- 21640 *2030 RN, EE, IS/ID, nx (African Svce) (333; 9/30. Wampler, VA)


NICARAGUA/ -- LV de Nicaragua


- 5945 0426 TCs, ID, noticias (333; 10/2. Leeman, RI)
- 5949a 0556 mx, tlk on imperialism (434; 10/2. Jones, CA) (5949.5; 444; 9/22. Moman, AB) (0256; acknowledged report from listener George ?? in Ashland, Ohio; 453; 9/14. Cohen, PA) (0200; nx about old Anastasio being 'Blown away in Paraguay,' (you could almost make a rumba out of that. ch) ID: LV de Nicaragua, Voz oficial del Gobierno del Reconstrucción Nacional. fr; 10/19. Fisher, MA)+5

UNITED STATES OF AMERICA/


- 6420 0727 KVHF, EE, song: "Liar, Liar," ID as "KVHF, North America," into "Psychotic Reaction." Very good signal but low on mod (Seems he was pretty good to me. ch) (333; 9/30. Kowalski, WI) (0543; usual variety of mx. IDs like: "KVHF Shortwave, with the hits," "24 hours a day, listen to the solid brass -- this is KVHF." On after 0630 (322; 9/13. Pettit, IA) (Ancr. Tommy Johnson (Any relation to Don?? hi, hi! ch) jazz selections and lots of talk. Said that VHF stood for "Very High Fidelity," (see first logging. ch) also said power was 50,000 Watts (Watt?? ch) on 24 hours a day. (Obviously the ancr was taking a trip on something other than public transportation. ch) 545; 9/10. Mosier, CA)
- 7315 0425 WONS??, EE, very poor -- seemed to be IDing, and it sounded like WONS -- did anyone else hear them?? (322; 9/14. Pettit, IA)
- 7390 0510 RX4M, The Voice of Clipperton, EE, old-time radio, "DX Forum," at 0540, Mickey Anderson and two other OMs. Sked ancd: Tue-Fri 0445-0525; Sat 0530-0625; Sunday 0445-0545. (243; 9/21. Mosier, CA)

Listen for Radio Confusion on about 14550 at 0100 on Monday mornings. No room for detailed loggings. Another page is needed desperately here. Have a good Ding month, LXXIII's, and we'll see you next month. Chris Hansen and Arkie

Chris Hansen & Arkie 



SWBC - EUROPE



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

ALBANIA

- 7065 *2200 Radio Tirana: IS/ID, nx, cmtry, CW QRM (434 10/1 Wampler-VA)
- 0356 RT: AA ID, anthem, s/off 0356 (good 9/15 Holland-NY)
- 7120 0245 RT: Music, commentary (322 9/17 Sanderson-AZ)
- 7300 0333 RT: Tlks on strikes in Africa & the Canadian economy (444 9/6 Whetzel-IN)(444 0333 9/17 Smith-FL)

ANDORRA

- 6215 0520 Radio Andorra: FF pops & some U.S. Rock & Roll mx, IDs, TC, OM/YL nx, some UTE QRM (333 9/20 Marshall-GA)(322 0413 9/26 Cucura-PA)(322 0417 9/21 Newton-GA)(322 Greenwood-PA)(222 9/20 Alexander-PA) FRG)
- 6221 1950 RA: EE AWR pgm w/ Bach B Minor Mass, hymns (333 9/26 Westbrook-)

AUSTRIA

- 5945 0330 Osterreichischer Rundfunk: ID, nx, Talks (434 9/29 Jones-CA) (433 10/2 Wampler-VA)(GG pgm, 353 9/26 Earhart-PA)(GG, 333-0220 9/8 Berkholtz-MN)
- 6222 1329* Schulungssender: GG ID, Address, s/off (444 Westbrook-FRG)
- 9770 0130 ORF: ID, "Report from Austria", listener's letters, OM nx, tlk (333 9/1 Hodsdon-MN)(433 Coleman-MA)(322 Whetzel-IN)(322 9/17 Berkholtz-MN) GG pgm (433 0200 9/17 Hesch-NY)
- 12015 0450 ORF: OM w/letters, "Report from Austria", clear IDs (444 9/29 Forbes-TX)(433 Whetzel-IN)(454 Earhart-PA)(343 Kopriva-CA) (353 Ortega-CA)(433 Shepherd-IL)(333 Sanderson-AZ) GG pgms (544 0400 9/16 Miller-CA)(222 0207 9/15 Berkholtz-MN)
- 15560 1845 ORF: "Sports Review" w/ soccer in Austria, Book & Magazine reviews (343 9/22 Audette-MA) GG pgm (1930 Holland)(1600 Miller)
- 17830 *0700 ORF: GG IS, ID, nx, // 15410 (weak) (444 9/28 Alexander-PA)
- 21655 1230 ORF: Review of last week, "Shortwave Panorama" (342 Fraser-PA)

BELGIUM

- 6010 1415 Belgische Radio en Televisie: Dutch sports cmts, mx, 1500 nx (555 9/7 Kiewit-HOLLAND)
- 11975 0011 BRT: YL ID, nx, some QRM (333- 9/15 Berkholtz-MN)
- 15385 0015 BRT: David Monson w/ Festival of Flanders (544 9/7 Pettit-IA) (343 Smith-FL)(444 Coleman-MA)(323 Bickel-CA)(Whetzel-IN) (333 Berkholtz-MN)(555 Johnson-IL)(433 Byron-NY)(333 Kopriva-CA) (454 Earhart-PA)(433 Moss-CA)(433 Wampler-VA)(444 Thompson-NM)
- 21460 1750 ORU (French Language Network): FF w/ beautiful classical mx, YL anncr., 1800 ID, OM/YL nx (444 9/30 Thompson-CA)(544 9/14 Miller-CA)(poor 1900 Holland-NY)
- 21475 1830 BRT: Dutch YL ID, freqs, mx to Africa (333 10/5 Berkholtz-MN)
- 21490 1330 BRT: IS, ID, nx // 21525, VOA co-channel QRM (322 Zilmer-NM)
- 21525 1705 BRT: IS, ID, nx, WYFR QRM (322 10/2 Zilmer-NM)
- 26050 1225 BRT: One more country goes on 11m before it's too late this cycle - here since 9/28 w/1300* (10/2 Hauser-TN)(252 Zilmer)

BULGARIA

- 9700 1933 Radio Sofia: OM nx, ID, listener's letters, mx // 11720 (242 10/5 Audette-MA)(very good 1940 9/20 Holland-NY)
- 11750 0400 RS: IS, ID, times & freqs, YL nx, DX tips, mx, BBC co-channel QRM (433 9/6 Kopriva-CA)(Zilmer)(Hodsdon)(Wampler)(Forbes) (Sanderson)(McKinney-PA)
- 11850 2130 RS: New freq for S80 at 2130-2200 to Eu & Nam, ex-15135; rest unchanged (Hauser-TN)(444 Audette-MA)(333 Zilmer-NM)
- 15135 1445 Radio Moscow Flovidiv Relay: Classical mx, ID (434 10/5 Archer-NC)
- 15330 0020 RS: Feature on mineral water (555 Coleman-MA)(433 Whetzel-IN) (434 0025 9/26 Wampler-VA)
- 21495 2112 RS: Cmtry, pop mx, ID w/address, nx @2127 (333 Davidson-SC)

CZECHOSLOVAKIA

5930 0100 Radio Prague: IS, ID, cmtry on Turkish military takeover (222 9/13 Dittich-FL)(232 0136 9/30 Davidson-SC)
 7345 0310 RP: Nx, "Topics of the Day" (555 Ricciuto-NY)(Smith-FL)(Pettit-IA) (Valentine-CA)(Wampler-VA)(Holland-NY)(Archer-NC)
 9740 0300 RP: "Topics of the Day" w/trlk on Iraqi - Iranian war, ID, mx (444 9/30 Audette-MA)(333 9/10 Kopriwa-CA)
 11855 0732 RP: Nx, OM ID // 17840 (232) (343 9/14 Huffaker-MEXICO)
 11990 *0300 RP: IS, ID, freqs, nx // 7345 (333 Bickel-CA)(444 0100 9/15 Lindley-AL)(343 1745 10/5 Audette-MA)
 15110 *1500 RP: Czech OM nx to SEA/Pacific (433 9/11 Thompson-CA)
 17840 1710 RP: AA tlk, WYFR QRM (fair 9/7 Holland-NY)
 21505 1615 RP: Cmtry on Communist Party in Czechoslovakia, 1625* (332 9/21 Zilmer-NM)

DENMARK

15165 1756 Radio Denmark: IS, Danish/EE IDs, Danish pgm (433 9/14 Moman-ALB)(433 D'Angelo-PA)(422 Forbes-TX)(222 Miller-CA)(322 9/30 Wampler-VA)(333- VOA QRM Berkholtz-MN)(322 *1630 Pettit-IA)

FINLAND

9645 0351 Radio Finland: Tlks on oil & young voters, ID (333 Brown-NJ) (333 9/17 Berkholtz-MN)(333 9/15 Moman-ALBERTA)
 11755 0344 RF: Interview w/ professor from Columbia University (433 9/21 Berkholtz-MN)(433 0330 9/10 Kopriwa-CA)
 15400 1445 RF: Economic tlk, ID, UNIDed QRM (433 9/28 Miller-CA)(555 9/21 Coleman-MA)(433, BBC QRM, 9/20 Thompson-CA)(444 *1300 Whetzel-IN)
 21475 *1430 RF: Nx, cmtry, Dance Hall mx (444 9/29 Whetzel-IN)(good, some QSB, Holland-NY)(544 9/18 Miller-CA) Finnish nx (333+ Berkholtz)

FRANCE

9715 1945 Radio France International: FF tlk & mx (good 9/20 Holland-NY) Any ID heard? Otherwise it should be listed as Tentative...rmf.
 11705 0532 RFI: FF OM tlk, mx, ID (333 10/5 Traver-CA)(322 Smith-FL)
 11770 1535 RFI: OM tlk, classical mx, freqs/ID, Nigerian QRM (433 Miller-CA) (fair 0915 9/14 Holland-NY)
 15135 0430 RFI: FF mx & commentary (333- 9/17 Berkholtz-MN) ID???.rmf.
 15190 1845 RFI: Pop mx (good 9/14 Holland-NY) Language/ID????.....rmf.
 15200 1720 RFI: "PCA" w/OM nx, "P.O. Box 9516", VOA QRM on 15205 (222 10/5 Audette-MA)(good 1840 9/14 Holland-NY)
 15300 2045 RFI: FF tlk, EZL mx (excellent 2045 9/13 Holland-NY)
 15315 1805 RFI: FF discussion (fair 9/14 Holland-NY) More details....rmf.
 15360 1748 RFI: EE mx request pgm, brief nx, "PCA" ID, 1755* (333 10/5 Audette-MA)(fair, some QSB, 2030 9/13 Holland-NY)
 17720 2000 RFI: FF ID, tlk, pop mx (excellent 8/31 Holland-NY)
 17795 2020 RFI: FF general tlk (good Holland-NY)
 17860 1640 RFI: EE OM/YL w/RFI contest info, afro mx // 17850 (222 9/28 Audette-MA)(FF pgm, very good Holland-NY)
 21515 1620 RFI: OM African nx, ID (544 9/12 Schroeder-WI)(544 Thompson-CA) (433 Kopriwa-CA)(232 Audette-MA)(??? Berkholtz-MN)
 21580 1605 RFI: "PCA" w/interview with President of African National Congress (444 9/16 Fraser-MA)(good 1535 Holland-NY)
 21595 1525 RFI: FF tlk between 2 OM, DW QRM (good Holland-NY)
 21620 1639 RFI: EE nx, mx // 21580 (343 9/10 Bickel-CA)(fair Holland-NY)
 21645 1618 RFI: FF mx, cmtry // 21705, 21595 (444 9/28 Berkholtz-MN)
 21705 1245 RFI: FF pop mx, QRM (fair 9/1 Holland-NY)
 25900 *1514 RFI: FF IS, ID, S/on, tlk & mx (252 10/2 Zilmer-NM)

GERMAN DEMOCRATIC REPUBLIC

9730 0040 Radio Berlin International: Sports pgm, ID, time/freq, sked (333 9/2 Smith-FL)(222 Hodsdon-MN)(333 Kopriwa-CA)
 11975 0256 RBI: Tlk on education, Moscow QRM (353- 9/25 Earhart-PA) (433 9/29 Forbes-TX)(353 9/21 Berkholtz-MN)
 11840 0249 RBI: International Mailbag (333 9/22 Sanderson-AZ)(333 9/21 Berkholtz-MN) This one out of order, sorry!.....rmf.
 15240 1335 RBI: ID, OM tlk on Soviet Union (544 9/24 Miller-CA)

GERMAN FEDERAL REPUBLIC

3995 0520 Deutsche Welle: GG mx, tlk, IS/ID @ 0530 (333 9/20 Alexander-PA) (333 0440 9/20 D'Angelo-PA)(523 0149 9/30 Davidson-SC)
 6030 1505 Suddeutscher Rundfunk: GG mx, comments about Holidays (544 9/7 Kiewit-HOLLAND)
 6190 1100 Sender Freies Berlin: GG nx, mx (544 9/7 Kiewit-HOLLAND)
 11765 *0600 DW: IS, African Service nx (343 10/5 Traver-CA)
 11850 1015 DW: Tlk on Papal visit (fair-poor 9/14 Holland-NY)

GERMAN FEDERAL REPUBLIC (continued)

15105 0120 DW: Nx & comments on Iran/Iraq (454 9/23 Somers-CA)(544 9/26 Miller-CA)(545 9/15 Schroeder-WI)
 15135 1723 DW: Election Special w/ voter interviews (222 10/5 Audette-MA)
 15160 0935 DW: Extensive cmtry on bicycling in Europe, ID (243 Lindley-AL)
 17875 1235 DW: Pgm on energy sources, nx, ID (333 10/4 Audette-MA)(Berkholtz)
 21600 1740 DW: Mx pgm, freq, 1805* w/IDs (555 Conover-KY) FF pgm (good Holland-NY) Swahili into EE (good to poor 1710 Munster-GA)
 21650 *1630 DW: Lang. (Urdu?) IS, ID, OM nx (444 Bickel-CA)(fair Holland-NY)
 21745 1625 Radio Liberty: RR nx, mx, ID (good 9/1 Holland-NY)
 25690 1749 RL: RR OM tlk, no jamming heard (333 9/11 Bickel-CA)

GREECE

9515 0135 Voice of Greece: YL Euro nx, Greek mx (222 Hodsdon-MN)(322 9/22 Brown-NJ)(433 Berkholtz)(343 Moman-ALB)GK pgm (333 Archer-NC)
 9655 1915 VOG: YL ID, freqs, nx, GK mx (242 Audette-MA)(322 Davidson-SC)
 9970 0342 VOG: OM/YL nx // 9650 (433), 11730 (433) (433 Huffaker-MEXICO)
 11730 0335 VOG: YL world nx, GK ancmt, 0350* (433 Kopriva-CA)
 15205 0240 VOA Kavala Relay: OM song, YL historical tlk (253 Earhart-PA)
 15270 1432 VOA Kavala: Estonian nx, Heavy jamming (222- 9/7 Berkholtz-MN)
 17830 1240 VOG: YL world nx, ID into GK mx (232 10/4 Audette-MA)

HUNGARY

9835 0310 Radio Budapest: DX Club, sked, mx (333 9/20 Smith-FL)(Bickel-CA) (544 Miller-CA)(333 Sanderson-AZ)(excellent Holland)(Berkholtz)
 11910 0100 RB: Nx, Cmtrys on UNESCO & World Peace Organization // 9835 (443 Fraser-MA)(454 Earhart-PA)(544 Miller-CA)(333 Berkholtz-MN)
 15200 0130 RB: HH tlk on 41st Anniversary of Nazi invasion of Poland (443 9/1 Byron-NY)
 15220 0323 RB: Historical tlk, pgm summary, ID, mx (343 9/1 Smith-FL)
 17710 0030 RB: Dramatized events of late 1800's - WWI (544 Stone-ONTARIO) (454 0059 9/21 Thompson-CA) HH pgm (Berkholtz)(Byron)

ITALY

9575 0113 Radiotelevisione Italiana: Local nx, mx, 0117 DW QRM (444 9/20 Johnson-IL)(444 0100 9/18 Thompson-NM)
 9710 2236 RAI: PP IS for 1 hour 40 minutes, ID, time & freq, mx (343 9/15 Smith-FL) Talk about wasting energy!....rmf.
 11800 0100 RAI: YL w/ nx, mx, ID (333 9/13 Gonzalez-NY)(433 Kopriva-CA) (322 Hodsdon-MN)(Italian w/jazz mx, 433 9/20 Berkholtz-MN)

LUXEMBOURG

6090 2316 Radio Luxembourg: DJ w/ U.S. pop mx, ID, ads & TCs (433 9/26 Cucura-PA)(454 9/24 Fraser-MA)(322 9/24 Archer-NC)
 15350 2035 RL: FF mx, QRM (322 Berkholtz-MN)(good 9/13 Holland-NY)

MALTA

6100 0420 DW: GG cmtry // 6085, 6145 (333 9/17 Berkholtz-MN)
 9565 0145 DW: ID, YL tlk on Children's films (444 9/10 Smith-FL)
 11865 0130 DW: OM ID, "Current Affairs", mx, nx (433 Hodsdon-MN)(433 9/1 Kopriva-CA)(333- 9/21 Berkholtz-MN)(343 9/4 Zilmer-NM)

MONACO

9495 0625 Trans World Radio: OM IDs, "Reville Your Hearts" pgm (433 9/21 Newton-GA)(444 9/29 Forbes-TX)(433 9/14 Moman-ALBERTA)

NETHERLANDS

9895 2040 Radio Nederland: SS w/ Happy Station (good 9/20 Holland-NY)
 11720 0659 RN: News & Newline for W. Africa (434 9/29 Huffaker-MEXICO)
 15170 0246 RN: OM world nx, IDs, pop mx (444 9/26 Lindley-AL)
 17605 *1830 RN: Happy Station, rebroadcast at 0930 (433 9/14 Pettit-IA) (433 2112 Hodsdon-MN)(333 1850 Smith-FL)(343 9/14 Kopriva-CA) (444 2030 9/21 Conover-KY)
 21685 1850 RN: AA w/good long-path signal. Address at 1920* (444 Palmer-WA)

NORWAY

9550 0343 Radio Norway: NN nx (333- Berkholtz-MN) More details, please..rmf.
 11850 2015 RN: EE ID, NN QTH, mx, nx (222 9/6 Hodsdon-MN)
 15175 0200 RN: Anthem, tlk on hunting (333 9/22 Sanderson-AZ)(333 9/14 Kopriva-CA)(433 2155 9/14 Berkholtz-MN)
 15345 2155 RN: ID, world nx, cmtry on Norway's defense (433 9/14 Lindley)
 17795 2200 RN: "Norway This Week" (excellent 8/31 Holland-NY)
 17840 1400 RN: "Norway This Week", QSB/QRM (poor-fair Holland-NY)
 21655 1600 RN: "Norway This Week", // 21670 (343 9/21 Zilmer-NM)(434 9/14 Miller-CA)(Thompson-CA)(Pettit)(Berkholtz-MN)(Audette-MA)

NORWAY (Continued)

21670 1600 RN: S80 audible here but poor, nothing on // 21655, 15175.
Each season one must pick new times for best RN reception
(9/7 Hauser-TN)(232 9/4 Zilmer-NM)(333 1506 Berkholtz-MN)

POLAND

6135 1600 Radio Polonia: "This Week in Poland", mx, ID (534 Kiewit-HOLLAND)
(333 *2300 in GG, 9/30 Wampler-VA)
7145 0315 RP: Program on Polish history, ID, mx (433 9/30 Audette-MA)
7270 0205 RP: ID, nx, EZL mx (333 9/21 Alexander-PA)(333 Smith-FL)
9525 0203 RP: Nx, ID, DX Club pgm, poetry, mx (454 Smith-FL)(433 Kopriva)
11815 0215 RP: Program of symphonic mx (333 9/2 Valentine-CA)(Forbes)
(433 Kopriva-CA)(343 Smith-FL)(222 Bickel-CA)(333 Berkholtz-MN)
15120 0304 RP: News, mx, QRM from HCJB (323 Bickel-CA)(333 Berkholtz-MN)
(322 9/22 Sanderson-AZ)(343 9/3 Smith-FL)

PORTUGAL

9765 0500 Radio Portugal: Anthem, ID, OM nx, sked & freqs, pgm on wines,
announced // 6195 (444 9/26 Huffaker-MEXICO)
11775 2030 RP: Another new RP freq, loaned from Spain I suppose, for EE
to Eu at 2030-2100. //s 6025, 9605 inaudible (9/7 Hauser-TN)
11800 0930 RP: PP continental mx, ID (good 9/14 Holland-NY)
11925 0300 RP: Nx, new freqs, mx, week's events, 0330* (433 Kopriva-CA)
(333 9/12 Bickel-CA)(333 9/17 Sanderson-AZ)
15125 0306 RP: OM/YL world nx, freqs/sked, Art pgm (544 Lindley-AL)(333
8/23 Valentine-CA)
15145 0431 Radio Free Europe: Polish cmtry (333- 9/17 Berkholtz-MN)
15420 2050 RFE: EE discussion of Polish labor problems, Czech ID at 2059*
(232 9/9 Huddleston-TX)
21665 1925 RFE: Overriding jammer w/Polish OM tlk (433 Palmer-WA)(Holland-NY)
21700 1250 RP: PP local mx, Anthem 1300* (fair 9/1 Holland-NY)
21720 1235 RFE: Czech pop mx, QSB (good Holland-NY)

ROMANIA

9570 0130 Radio Bucharest: Nx, cmtry, folk mx (433 McKinney-PA)(Coleman-MA)
9690 2104 RB: ID, nx, cmtry (333 9/30 Wampler-VA)(fair 1935 Holland-NY)
11940 0400 RB: World nx (444 9/23 Somers-CA)(433 Heyman-NY)(333 Kopriva-CA)
(fair Holland-NY)(433 Berkholtz-MN)(333 Davidson-SC)

SPAIN

7105 2135 Spanish Foreign Radio: OM ID, nx, Tourism pgm (343 Audette-MA)
9630 0609 SFR: OM tlk, Organ mx, 0613* (433 Traver-CA)(454 Fraser-MA)
9765 2035 SFR: YL nx, ID, pop mx, Sports pgm (232 9/13 Audette-MA)
11880 0040 SFR: YL ID, OM w/ "Press Review" (333 10/4 Ortega-CA)(444
Coleman-MA)(455 Bickel-CA)(554 Somers-CA)(433 Kopriva-CA)
(545 Miller-CA)(444 Valentine-CA)(544 Wampler-VA)(433 Berkholtz)
15375 1737 SFR: SS OM ID, YL/OM tlks, MOR mx, YL nx @1745 (232 9/30
Thompson-CA)(fair 2025 9/13 Holland-NY)
17865 1700 SFR: SS ID, nx QRM (good 9/7 Holland-NY)

SWEDEN

9695 0230 Radio Sweden: ID, nx, "Panorama", SCDKers (433 9/10 Kopriva-CA)
(444 Bickel-CA)(433 9/18 Berkholtz-MN)
11705 2305 RS: ID, "Panorama" (444 10/1 Wampler-VA)(444 Kopriva-CA)(534 9/10
Pettit-IA)(333 9/17 Sanderson-AZ)(333 10/1 Archer-NC)
15240 1230 RS: Nx, "Panorama" (322 9/16 Zilmer-NM)
15270 2305 RS: Tlk on housing costs in Sweden, ID (333 9/22 Peters-KY)
(444 9/21 Audette-MA)(333 Zilmer) Swedish pgm (444 Berkholtz-MN)
15315 0230 RS: OM ID, World nx (455 9/3 Lindley-AL)(433 9/3 Kopriva-CA)
21615 *1400 RS: "Saturday Show" (444 9/20 Whetzel-IN)(222 *1500 Thompson-CA)
21690 1250 RS: OM w/soft rock mx, interview w/musicians (232 Audette-MA)

SWITZERLAND

7210 *0600 Red Cross Broadcasting Service: IS, "Red Crossroad" (544
9/22 Pettit-IA)
9725 0430 Swiss Radio International: Nx, "Swiss Shortwave Merry-Go-
Round (444 9/27 McKinney-PA)(434 0213 9/6 Johnson-IL)(444 9/7
Lindley-AL)(333 0145 Smith-FL)(433 9/14 Whetzel-IN)
11715 *0145 SRI: YL ID & TC, OM nx (444 9/17 Heyman-NY)(543 Pettit-IA)
(433 Bickel-CA)(444 Lindley-AL)(534 Valentine-CA)(433 9/7
Kopriva-CA)(433 Berkholtz-MN)(454 Thompson-NM)
15170 1840 SRI: "Sunday Supplement", mx, OM ID, 1845* (333 Audette-MA)
French pgm (333 2215 9/14 Berkholtz-MN)
15305 *0145 SRI: "Dateline" w/ 0215* (444 Whetzel-IN)(545 Schroeder-WI)
(very good 9/15 Holland-NY)(444 9/15 Berkholtz-MN)

SWITZERLAND (Continued)

17830 1830 SRI: Tlk on Chinese Cultural Revolution (232 9/29 Audette-MA)
 GG pgm (333 9/14 Berkholtz-MN)
 21520 1110 SRI: "SSWGR" w/ frequency conversion tlk (242 9/27 Audette-MA)
 21570 *1530 SRI: IS, S/on, TC, "Dateline", nx (433 10/6 Thompson-CA)
 (444 1315 9/21 Fraser-MA)(good 9/1 Holland-NY)

UNITED KINGDOM

3955 2316 BBC: "Letter From America", Ham QRM (322 Brown-NJ)(Whetzel-IN)
 5975 0319 BBC: History/political tlks, classical mx (454 Earhart-Pa0++++
 7200 0408 VOA Woofferton Relay: Nx, ID (excellent 9/15 Holland-NY)
 9510 2044 IBRA: Religious pgm "David Manes & His Guest", gave address as;
 P.O. Box 62, Bedford, England (353 9/18 Fraser-MA)(322 2052
 9/10 Dittrich-FL) Anyone have further info on this?.....rmf.
 9825 0800 BBC: "English by Radio" (433 9/18 Jones-CA)
 9915 0110 BBC: Nx pgm, ID (excellent 9/2 Holland-NY)
 12095 0245 BBC: Tlk about Tchaikovsky and others (353+ 9/26 Earhart-PA)
 15070 ???? BBC: World nx, cmtry on Chilean military rulers (Kopriya-CA)+++
 15205 1530 VOA Woofferton: "Press Conference USA" (333 9/27 Whetzel-IN)
 17790 1434 BBC: Sports pgm (333 9/6 Berkholtz-MN)
 21555 1715 BBC: Tlk on Africa (544 Valentine-CA)
 25650 1550 BBC: Orch mx, TPs, TC, ID, World nx, 1615* (454 Thompson-NM)++++

UNION OF SOVIET SOCIALIST REPUBLICS

9550 1915 Radio Moscow: "Music at Your Request" (good 9/20 Holland-NY)
 9665 1830 RM: Dutch nx, mx (533 Kiewit-HOLLAND) EE tlk on CIA (444 Bickel)
 9715 0537 RM: Cmtry on Palestine, Chile (555 9/10 Somers-CA)
 9800 0327 Radio Kiev: Frequencies, pgm (333 9/17 Berkholtz-MN)
 11630 0356 Radio Magallanes: SS mx, OM ID (433 9/21 Berkholtz-MN)
 11720 0154 RM: Tlk on Edgar Allen Poe, ID, IS, 0200* (333 9/10 Bickel-CA)
 11735 *0030 RK: IS/ID, nx of Soviet-Cuban cosmonauts // 9800 (Wampler-VA)
 2300 Radio Vilnius: Id,nx,cmtry, Science & Technology (434 Moss-CA)
 *2330 Radiostansiya Rodina: IS, IDs, OM/YL tlk (454 9/9 D'Angelo-PA)
 11920 0124 RM: ID, OM tlk on "Anti-Socialist" agitation in Poland (Hodsdon)
 12060 2300 RV: Nx, ID (444 9/15 Viau-QUEBEC)
 0039 RK: Cmtry, item on education, music festival (434 Whetzel-IN)
 15180 0402 RM: North American Service w/YL tlk (243 QRN, Earhart-PA)++++
 15445 0055 RM: Orch mx, IDs, freqs, cmtrys on Poland/Kampuchea (Thompson-NM)
 *1300 Radiostansiya Atlantika: RR IS, OM/YL ID, nx (444 Heyman-NY)
 15460 0158* Radio Peace & Progress: SS tlk, mx, ID @0158* (343 D'Angelo-PA)
 17845 2302 RV: OM ID & freqs, world nx, culture pgm // 17870 (Audette-MA)
 17870 0330 Radio Yerevan: IS, ID, OM/YL tlk, folk songs, nx, 0359* (454
 9/4 Viau-QUEBEC)
 30750 1230 RM: clear copy on 10/2, 2 x 15375 or 5 x 6150; several dis-
 torted Russian signals also audible in 30 mhz band, i.e. 30470,
 probably Mayak jammers. 30750 still on at 1319 check (Hauser-TN)

VATICAN CITY STATE

6015 0100 Vatican Radio: Story of Moses & burning bush (444 9/17 Stone-ONT)
 9645 1930 VR: General tlks, ID, IS (fair-good 9/20 Holland-NY)
 11845 0100 VR: OM/YL story, nx, ID, IS, into FF (433 9/2 Kopriya-CA)
 15120 2300 VR: PP IS, ID, OM tlk, religious mx (444 9/4 ?????-??)
 17900 1610 VR: OM tlk on Moslem-Christian relations, mx, cmtry (444 Audette)

YUGOSLAVIA

9505 1400 Radiotelevizija Beograd: Lang ID, TC/chime, OM nx, heard
 irregularly (333 9/25 Westbrook-GFR)
 9620 2213 Radio Yugoslavia: Nx, mx, RBI QRM (333 9/27 Moss-CA)(Greenwood)++
 15240 1525 RY: Mx, YL ID, heavy QRN (312 9/13 Heyman-NY)(121 Moman-ALB)

PIRATES

6315 0300 Radio Dublin: Pop mx, IDs, TCs, dedications, slight CW QRM
 until 0400 when it got heavier (good 10/1 Berg-MA)
 11400 1103 Radio Impact: Greetings to listeners in Europe, promised QSLs,
 some rock mx, several nice IDs, notes it is the "station with
 the happy difference." At 1136 pgm disappeared though carrier
 remained. Nothing on 15050 and 25625. (good 10/5 Berg-MA)
 11463 0931 Radio Condor International (Ireland): EE Rock mx (222 9/7
 Westbrook-GFR)

Well folks, that's the November issue and the final issue for me for the foreseeable future. Thanks to everyone for the assistance. Terry Lindley in Alabama will be taking over the column and I know everyone will support him as you have supported me. A final note for the newcomers; a great aid for DXing the USSR is the UHN by Roger Legge. The address is Box 232, McLean, Virginia, 22101. Subscription price is \$3 for 10 monthly issues. Ciao!

SWBC DX

AFRICA



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FEBA

Seychelles

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

Radio Television Kaduna

Hope everyone is getting ready for the impending Winter DX season! From the looks of the logs this month, there is some exciting DX possibilities! Just a reminder that all times/dates are GMT, frequencies are in kilohertz.

ALGERIA

- 11740 2020 Radio Algiers: EE pgm blocked by RN FF service (222 9/29 Greenwood-PA)
- 15279 2322 RA: Algier's wandering 19 mb xmtr here 9/8, causing het w/ KGEI (Hauser-TN)
- 21635 *2000 RA: EE Algerian Nx, //7145/9610/11740 (333 9/6 Whetzel-IN) (333 9/30 2023 EE Wampler-VA)

ANGOLA

- 9535 1529 RNA: IS, PP ID (343 9/14 Thompson-CA)

ASCENSION ISLAND

- 6005 0421 BBC: EE nx, OM ID (333 9/17 Berkholtz-MN)(323 9/20 0455 EE // 11720 D'Angelo-PA)
- 7105 0400 BBC: EE ID, IS (good 9/15 Holland-NY)
- 11860 1140 BBC: Beatles songs, EE tx (poor 9/14 Holland-NY)
- 15105 1910 BBC: EE dramatic reading (fair 9/14 Holland-NY)
- 15400 0612 BBC: EE nx (444 10/5 Traver-CA)
- 21550 1355 BBC: EE mx (343 9/6 Berkholtz-MN)

BENIN

- 4870 2255 LVR: Local vocals, OM w/FF ID, NA, 2302* (353 9/26 Cucura-PA) (433 9/18 2218 Vern/FF Cohen-PA)

BURUNDI...first time reported in a long..long time!!!

- 3300 0330 Radiodiffusion Nationale: Vern OM ID, IS, afro mx (333 8/27 Lecuona-ARGENTINA)

CAMEROON

- 4000 0516 R. Bafoussam: Vern OM tlks, choral mx (222 10/5 Cohen-PA) (333 8/27 0600 FF Lecuona-ARGENTINA)
- 4850 0458 R. Yaonde: Shaun Cassidy mx, EE nx at 0501 (333 9/27 Sclesinger) (433 9/24 2245 FF Cohen-PA)(554 8/23 0500 EE/FF Lecuona-ARG.) (433 09/5 0530 FF Faccioli-URUGUAY)
- 5010 *0428 R. Garoua: 0428 EE/FF s/on, into FF pgm (444 10/6 B. Raymond-MA)(545 10/7 0430 EE/FF G. Raymond-MA)(433 9/13 0438 FF Schlesinger-TX)(222 9/13 0545 FF Alexander-PA)

CENTRAL AFRICAN EMPIRE

- 5035 2227 La Voix de l'C.A.E.: Pop mx, 2230 FF ID (333 9/15 Cucura-PA) (333 9/25 2145 FF Alexander-PA)(333 9/15 2234 FF Cohen-PA)

CONGO

- 3264 0441 RTC: FF OM tlks, mx (333 10/5 Cohen-PA)
- 15190 1502 RTC: Afro mx, FF OM tlks, mx (232 9/20 Thompson-CA)

EGYPT

- 7050 0355 Radio Cairo: AA mx, tlks (fair 9/15 Holland-NY)
 - 9475 0200 RC: EE nx, mx cmnty (433 9/18 McKinney-PA)(Raymond-MA)(Kopriva CA)(Sanderson-AZ)
 - 9805 2315 RC: EE pgm (good 8/31 Holland-NY)
- Egypt...continued on the next page!!!!

EGYPT.....continued

12050 0217 Radio Cairo: EE nx (333 9/15 Berkholtz-MN)(444 9/17 0220 EE
RJ Coleman-MA)
15475 1230 RC: AA "Call to Worship" (fair 9/13 Holland-NY)
17670 *1830 RC: Vern Regional pgm (good 9/6 Holland-NY)
17745 0405 RC: AA OM singing, YL tlks (242 9/28 Earhart-PA)

EQUATORIAL GUINEA

4925 2202* Radio Ecuatorial: SS s/off anns, NA (333 9/21 Alexander-PA)
5003.9 0445 Radio Ecuatorial: SS ID at 0450, sked, ID (444 10/5 Brown-IL)

ETHIOPIA

7235t 0411 VORE: AA chants,tlks (good 9/15 Holland-NY)

GHANA

3366 0545 GBC-2: EE rlg pgms, local/world nx (333 10/5 Hoffman-PA)(333
10/1 2301 EE Cunningham-OH)
4915 0600 GBC: EE nx, heavy QRN (211 9/14 Moman-Alberta)(Cohen-PA)
(Hesch-NY)(Alexander-PA)(Thompson-CA)(Cucura-PA)
5985 0620 GBC: EE/vern tlks,ads, 0700 ID's (443 9/20 Thompson-CA)

GUINEA

4910 0445 Radiodiffusion Nationale: Afro mx, vern tlks (343 8/18 Lecuona)

IVORY COAST

4940 2315 RTVI: Vern tlks, QRM from Venezuela (232 9/23 Schlesinger-TX)
(333 8/20 0610 FF Lecuona-ARG.)(322 09/01 0635 FF Faccioli)
7215 2236 RTVI: Afro pops, FF tlks, poor modulation (322 9/13 Dittrich-
FL)(222 9/25 2230 FF Alexander-PA)(444 8/23 0650 FF Lecuona)
(222 10/5 0631 FF Traver-CA)

LIBERIA

3230 0522 ELWA: EE/Vern OM tlks , EE ID (232 10/5 Cohen-PA)
3255 2314 ELBC: EE nx by YL, ID, TC (333 9/11 Cunningham-OH)
4765 2243 ELWA: EE rlg show, ID (333 9/15 Cohen-PA)(332 9/15 2240 EE
Cucura-PA)
7280 0415 VOA: EE "Breakfast Show" (faint 9/15 Holland-NY)
11930 0625 ELWA: Vern ID's, OM tlks (333 9/13 Hodson-MN)(343 10/5 0639 V
Traver-CA)
15240 0355 VOA: EE ID, listener's questions (good 9/10 Holland-NY)
17870 1925 VOA: EE "Voices of Africa" (excellent 8/30 Holland-NY)

LIBYA

17680 2059 SPLAJBC: AA YL ID,AA chants (454 9/27 Boehm-TX)
17930 1505 SPLAJBC: AA mx, chants (good 9/7 Holland-NY)

MADAGASCAR

11735 1510 RN: EE "His and Hers" pgm (544 9/16 Thompson-CA)
15220 2050 RN: EE "African Scene" (453 9/11 Smith-FL)
17695 2050 RN: EE "His and Hers" pgm, tlks, mx (233 9/9 Ortega-CA)
21480 1440 RN: EE OM ID, world nx (243 9/13 Lindley-AL)
21640 2110 RN: EE tlks on the 50's, ID, s/off (555 10/4 Johnson-IL)
21685 1609 RN: Dutch commentary (333 9/28 Berkholtz-MN)

MALI

4783 2259 RNM:FF OM's talking //5995 (222 10/5 Cohen-PA)

MAURITANIA

4845 2220 RNM: AA mx, ID at 2302 (433 9/28 Archer-NC)

MOROCCO

9540 1910 RTVM: AA pop mx, chants (good 9/20 Holland-NY)
15205 1835 VOA: EE "Music USA" (very good 9/14 Holland-NY)
17855 1705 VOA: Unid lang tlks, ID (good 9/7 Holland-NY)

MOZAMBIQUE

4865 0430 Radio Mocambique: PP local pgms (444 8/31 Faccioli-Uruguay)
11815t 0940 RM: PP tlks (good 9/14 Holland-NY)

Voices...continued..

From Voices, comes the following information...In view of the postal problems and complaints about late delivery, the next edition of Voices will be in December, subscriptions have been extended two months....(direct)

NIGERIA

3326 2232 FRCN Lagos: EE ID, EZL mx (222 9/30 Cucura-PA)
 4990 0449 VON: EE rlg pgm, Lagos ID (233 9/29 Westbrook-FRG)(344 10/5
 0449 10/5 Raymond-MA)(322 9/25 2230 EE Cucura-PA)
 6025 2250 FRCN Enugu: Pop mx, TP's, EE ID (333 9/14 Fisher-MA)
 6090 2105 FRCN Kaduna; EE OM nx, ID, tlks (322 9/26 Cucura-PA).
 15120 0620 VON: African drums, EE pgms (433 10/5 Traver-CA)(*0454 FF
 Huffaker-Mexico)(Moman-Alberta)(0500 FF Forbes-TX)

SAO TOME e PRINCIPE

4807v 2250 Radio Nacional: Disco mx, PP ID 2302* (333 9/25 Cucura-PA)
 (322 9/15 2246 PP Cohen-PA)(433 8/23 0600 PP Lecuona-ARG.)
 4872.5 *0530 RN: S/on w/NA, ID in PP, local mx, nx at 0600 (444 9/1
 Faccioli-URUGUAY)

SEYCHELLES

15400 0305 FEBA: IS, Parsi (listed) s/on (433 9/11 Kopriva-CA)

SIERRA LEONE

5980 0658 SLBC: EE ID, BBCWS relay, into Vern (343 9/15 Moss-CA)(444
 10/6 0700 EE G. Raymond-MA)(333 10/4 0723 EE Heyman-NY)

SOUTH AFRICA

4835 0408 SABC: EE nx, high QRN levels (333 Berkholtz-MN)
 4880 0351 SABC: Afrikaans pgm (433 9/21 Jones-CA)(Berkholtz-MN)
 4990 0404 RSA: EE pgm on labor, 0425* (443 09/06 Whetzel-Indiana)
 5980 0200 RSA: EE news "Touring RSA" (444 9/7 Kopriva-California)
 9585 0200 RSA:EE nx by OM commentary (fair 10/4 Cuppy-IN)(Thompson-NM)
 (Forbes-TX)(Somers-CA)(McKinney-PA)(Heyman-NY)(Johnson-IL)
 (Berkholtz-MN)(Coleman-MA)(Schroeder-WI)(Sanderson-AZ)
 11900 0158 RSA: EE IS, ID's, TC's, freqs (454 9/27 Thompson-NM)(Somers-
 CA)(Berkholtz-MN)(Earhart-PA)(Kopriva-CA)
 15155 2100 RSA: EE freq/time sked, nx "DX-Corner" (333 9/27 Zilmer-WI)
 15325 0220 RSA: EE "South African Panorama" (555 10/8 Kasprzyk-TX)
 (Miller-CA)(Zilmer-WI)(Nebron-CA)
 17775 *2100 RSA: EE Economic/political tlks (454 10/2 Howarth-WA)
 21535 1757 RSA: Dutch/GG ID's, pgms //25790 (333 9/28 Berkholtz-MN)
 25790 1633 RSA: EE mx, tlks (343 10/5 Berkholtz-MN)(Schroeder-WI)

SOUTHWEST AFRICA/NAMIBIA

3270 0300 Radio South-west Africa: Song medleys, EE ID's (333 10/5
 Cohen-PA)(Hoffman-PA 0210-0300 EE/0300-0400 Afrikaans)

SWAZILAND

5055 0355 TWR: IS, ID in EE, rlg pgms (352 9/26 Moss-CA)
 9730 *0356 TWR: EE Rlg pgms (343 10/4 Nebron-CA)

TOGO

5047 *0525 RTT: IS, FF anns, s/on (322 9/3 Pettit-IA)(Cucura-PA)(Alexander)

UGANDA

15325 *0300 Radio Uganda: IS, EZL mx, EE ID (exc 9/15 Holland-NY)(Archer-NC)
 Kopriva-CA)(Sanderson-AZ)(Forbes-TX)(Moss-CA)

ZAMBIA

4910 0530 Radio Zambia: Vern OM ID (444 8/23 Lecuona-ARGENTINA)

ZIMBABWE

3396 0417 Zimbabwe Broadcasting Corporation: Mx by Fleetwood Mac,
 OM ID (222 9/5 Heyman-NY)

UNOFFICIAL RADIO

4765 0430 A Voz da Africa Livre: PP/vern political tlks, comments/mx
 s/off at 0501 (454 daily Faccioli-URUGUAY)

LAST MINUTE SPEEDX-GRAM ITEMS:

RWANDA: 3320, Radiodiffusion Nationale at 0515, vern tlks, 0600* (Faccioli)
 EQUATORIAL GUINEA: Via Hauser...Peter Jones in NZ DX times says that Radio
 Ecuatorial annd in EE that they would test on 7150/
 9555/11715....1700-2000

On to more tips and information next page.....

AFRICAN DRUMBEAT

The following information comes from Richard Ginbey in South Africa:

ALGERIA: In the 13m.b. the Arabic Service from Algiera has been observed drifting down to 21682kHz until a few days ago when they returned to 21725 in parallel to 17720kHz variable, this frequency previously carried their French Service.

Gabon: La Voix de la Renovation at Libreville was noted for several days in September using 1539kHz MW although they've since moved back to 1554kHz. According to announcements at 0430 in addition to 4777kHz they use 3300kHz and relayed by Franceville on 989 and 4830kHz, Tchibanga on 1474kHz, and Oyem on 548kHz and Port Gentil on 1520kHz. However, Franceville, Tchibanga and Oyem all have their own programs at 0430.

Libya: The Libyan Radio is often noted beginning transmission abruptly on 17930kHz through until 1800 and on 1768 0kHz until 1600. Until close down at 2200 they also use 15455, 15430 and 1527 0kHz. A different Home Service program can also be heard after 1700 on 6185kHz. All broadcasts are in Arabic.

Mozambique: Radio Mocambique at Beira has been alternating their "A" Program frequency between 6025..itself a variable frequency.. and 6897kHz, 0255-2000. The "B" Program from Beira is now on the air all day, 0255-0500 and 1500-2000 on 3280 kHz, 0500-1500 on 9637kHz. The Quelimane provincial station operates on two MW frequencies 935 and 1295kHz as well as SW 4895kHz variable, 1555-2000. The Maputo station on 697 kHz changed to 7980 kHz a few months ago, now they've moved to 6940 kHz 0530-1700 carrying Emissor Interprovincial de Maputo e Gaza.

South Africa: Recently the Minister responsible for the South African Broadcasting Corporation, Fik Botha, better known in his other role as Minister of Foreign Affairs, put forward the idea for the creation of a Southern African Radio and Television Service, serving as a forum for all members who will eventually make up the proposed "Confederation of Southern African States"
XX

SOUTHWEST AFRICA/Namibia: THE SWABC introduced their own all night service on October 1, 1980, presumably on 3270/4965 kHz...Test transmissions were heard during September on these two frequencies and also on 7190 and 9650 kHz mainly relaying the SABC Afrikaans Service. However, on one day only they were heard with one of the few local English programs between 0930 and 1110 on 7190 kHz.
////////////////////////////////////

Transkei: Capital Radio has made a few changes, the SW service to South Africa is on 7235 kHz, 0400-1800 and 3950 kHz, 0300-0530/1600-2300, and on 9765 kHz from 0530-1600. The studios may be moved as a further measure aimed at cutting costs from the present site at Port St. John's to the capitol, Umtata.
XX

From Jerry Berg of Lexington, Massachusetts.....NAMIBIA: No positive ID yet, but am sure it's this one I'm hearing in several places. On 4965, believed this one heard with fair signal at 2115 on 10/1. Light music, EE ams, too muffled to read. 15 second IS like guitar melody at 2200. more music, into Afrikaans, signal going downhill, but still there at 2215. On 3270, heard 2215 to past 2300 on 10/3 with same light programming. On later days have heard this one for several hours past 0000. 10/5 heard EE programming with definite mentions of South Africa on 7190 at 0530, nearly gone by 0600.... Last minute item....finally got ID, 4965, 2200 on 10/5, after IS gave ID in Afrikaans/German/English, nothing on 3270....Tnx Jerry.....wlo.....
.....

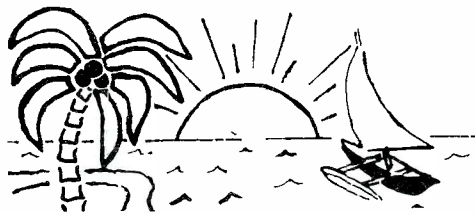
From the BBCMS: Comoro Islands: A recent communication gives the EE external service sked from 1600-1700 on 3331 kHz. The national Service broadcast in Comorien is broadcast 0900-2000 on 7260 kHz....
??
That's all folks for another month...Tnx go to my girlfriend Sandy for helping me to type this month...73's BCNU in 30...wlo/sjs.....

ASIA-OCEANIA

EDITOR:

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



ASIA

AFGHANISTAN

4450 1915 R. Afghanistan: Pushu Mx, (333 8/16 Constantindies S.AFRICA)
4740 *0129 RA: Lang. IS, time pip half hour, koranic chanting, OM talk, Eastern Mx (222 10/7 Cohen-PA)

BURMA

4725 1140 BBS: Lang. S.E. Asian vocals, OM QSB @1200 (PR 10/2 Parks-FL)
5040 1340 BBS: EE Nx w/YL, much/ukn QRM (322 10/9 Miller-CA)

CHINA

4952 1332 Xilinhot: CC YL tk, OM tk, Mx (544 9/18 Miller-CA)
5020 1210 Nanchang: CC OM/YL tk, mx (433 9/11 Miller-CA)
7110t 1135 Xizang PBS: CC mx OM IDt, YL/OM comtry (Fr 9/30 Parks-FL)
9020 1110 R. Peking: CC YL pop mx OM tk (433 9/18 Miller-CA)
9860 1600 RP: EE nx, comtry (9/7 Hill-VA)
9945 1545 RP: CC YL mx (443 10/7 Mappin-WA)
11860 1145 RP: CC mx, ID (Exc 9/14 Holland-NY)
15510 1220 RP: CC tlk, QRM/ute (Pair 9/13 Holland-NY)
15790 1450 V. of the Malay Rev.: EE March mx, ID, sked, YL comtry on rev. (353 9/21 Marshall-GA)
17650 2025 RP: SS YL mx (444 10/5 Smith-CA) (Holland-NY)
17680 0100 RP: EE nx comtry mx (333 9/30 Mckinney-PA) (Heyman-NY) (Whetzel-IN) (Lindley-AL) (Kopriya-CA)
17745 0258 RP: CC OM (544 10/5 Smith-CA)
17855 0105 RP: EE YL, nx (444 9/3 Stone-ONT) (Johnson-IL) (Sanderson-AZ) (Cuppy-IN) (Hudson-MN) (Lindley, AL) (Forbes-TX)

CYPRUS

9695 *2212 CBC: Greek IS, ID, nx, local mx (322 8/29 Faccioli-URUGUAY) (Pettit-IA)
11750 1440 BBC relay: EE Irish mx, YL ID, Nx reel (433 10/6 Thompson CA)

INDIA

4920 0035 AIR Madras: EE nx, comtry (333 9/7 Constantinides-S.AFRICA)
11620 2147 AIR: EE native mx, ID nx (232: 9/20 Moss-CA) (Shepherd-IL) (Fraser-WA) (Zilmer-NM)
15140 1750 AIR: lang. local mx, ID, QRM, QRN (Fair 9/11 Holland-NY)
15205 *1000 AIR: EE Wld nx, Local Mx (Fair/Good 9/13 Holland-NY)
15335 1455 AIR: EE Nx YL, Unkwn QRM, Unkwn Lang at 1500 (323 9/27 Miller-CA) (Zilmer-NM)

INDONESIA

3215 1145 RRI Menado?: Bahasa, Mx c/w, ID IS //3223 (342 9/23 Zilmer-NM)
3265 1300 RRI Bengkulu: Bahasa?, IS ID OM/YL Tlk, Island Mx, //3215, 3225, 3240, 3250 (333 9/22 Zilmer-NM)

ALL INDIA RADIO

INDONESIA (continued)

3345t 1200 RRI Ternate or Pontianak: Indo nx, ID (333 9/26 Blaize-LA)
 3976 2205 RRI SURABAYA: Indo tlk,mx (222 8/15 Constantinides-S.AFRICA)
 4719 1155 RRI UJUNG PADANG: Indo, organ mx, time, ID, nx (GD 10/2 Parks-FL) (Blaize-LA)
 4789 1341 RRI "FAK FAK": Indo--100% id heard (444 8/26 MOMAN-ALB)
 4845 1202 RRI AMBON: Indo nx (333 9/26 Blaize-LA)
 4875t 1203 RRI SORONG: Indo nx, poor qrm, grn (222 9/26 Blaize-LA)
 11790 1420 VOI: EE YL local mx (544 9/16 Van Beurden-CA) (Kopriva-CA) (Greenwood,-PA) (Smith-CA)

IRAN

9022 0150 VOIRI: Farsi local mx, OM (433 9/9 Stone-ONT) (Cohen-PA) (Cucura-PA) (Cuppy-IN) (Leeman-RI)
 15084 1915 VOIRI: Persian AA mx, tlk (Fair 9/14 Holland, NY) (Earhart-PA) (Smith-CA) (Moss-CA) (Cohen-PA) Gavaras MN)

IRAQ

7180 0405 R. Baghdad: AA mx, tlk (EX. 9/15 Holland-NY) (Dittrich-FL)
 9745 2142 RB: EE ID, nx, middle east mx (343 10/1 Wampler-VA) (in addition 16 other reporters sent reports on this freq.)

ISRAEL

9815 0110 Kol Israel: EE science nx, folk mx (544 9/3 Stone-ONT) (Holland-NY) (Cereghin-MD) (Lindley-AL)
 9833 2025 KI: FF story, ads ID (Fair 9/20 Holland-NY)
 11610 2005 KI: EE YL wld nx ID (545 9/20 Schroeder-WI)
 11615 2200 KI: Hebrew midnight nx roundup (545 9/27 Levin-NJ)
 11637 0219 KI: EE Bible comtry, 0225* (455 10/4 Johnson-IL) (Hodsdon-MN) (Berkholtz-MN) (Thompson-NM) (Schlesinger-TX)
 12025 1743 KI: Hungarian IS ID YL (322 9/25 Palmer-WA)
 15105 0415 KI: FF, nx (434 9/9 Shepherd-IL) (Zilmer-NM) (Kopriva-CA)
 15200 *0300 KI: Hebrew s/on, nx (332 9/7 Levin-NJ)
 15584 0010 KI: EE, local nx, ID (EXC 8/31 Holland-NY) (+13 reporters)
 15615 2000 KI: Hebrew; ads nx OM (554 10/4 Levin-NJ)
 17630 1825 KI: Hebrew; tlk, grn (Good 9/6 Holland- NY) (Levin-NJ)
 17685 2300 KI: Hebrew; nx //15200 (232 9/29 Berkholtz-MN)
 17815 *2000 KI: RR; IS, ID Nx "Israel This week" (Exc. 9/6 Holland-NY)
 21495 1628 KI: RR; nx QRM & Jamming (333 9/28 Berkholtz-MN)
 21675 2130 KI: EE; OM wld nx, sked (233 9/6 Lindley-A.) (Alexander-PA)
 21760 1800 KI: Hebrew; nx (444 9/26 Levin-NJ)
 21770 1700 KI: Hebrew; home service (222 9/21 Zilmer NM)
 27790 *1400 KI: RR; nx jammed //25640 (232 10/2 Zilmer-NM)



JAPAN

3910 1112 FEN: EE; mx-bad rock OM PSA (333 9/14 Thompson-CA)
 3925 1159 NSB: JJ; time pips, nx, YL/mx (423 9/11 Schlesinger-TX)
 6155 1400 FEN: EE; rock mx (322 9/29 Zilmer-NM)
 9505 1000 R. Japan: EE; ID, nx OM comtry (454 10/4 Clark-KS) (Cuppy-IN) (Ortega-CA)
 11780 0545 RJ: JJ; YL mx (444 10/5 Smith-CA)
 11815 1300 RJ: EE; ID sked nx much QRN (534 9/27 Miller-CA)
 15270 0605 RJ: EE; ID OM wld nx (322 9/29 Forbes-TX)
 17755 0015 RJ: EE; tlk regional nx (322 10/5 Cereghin-MD) (Lindley-AL) (Cuppy-IN) (Somers-CA)
 17825 0145 RJ: EE; mx (544 9/22 Miller-CA) (Kopriva-CA) (Sanderson-AZ) (Smith-CA) (Wampler-VA) (Valentine-CA)
 21640 0135 RJ: EE; ID, nx, comtry, mx (353 9/25 Wampler-VA) (Lindley-AZ) (Stone-ONT) (Messineo-MA)

JORDAN

7155 2230 HKBS: AA; mx tlk time pips, ID nx (322 10/5 Maise-LA) (Cucura-PA) (Cohen-PA) (Greenwood-PA)

'A great big THANK to Jim for the great job he did in the past--I can only hope I can follow in his footsteps.'.....

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

7205 0940 R. Pyongyang: RR; YL ID comtry //7290 (444 10/6 Van Beurden-CA)
 9420 1235 RP: SS; mx, SSnx ID (544 10/7 Mappin-WA) (Smith-CA)
 9977 *1100 RP: EE; IS, ID nx (poor 9/13 Holland-NY) (Fraser-MA) (MAPPIN-WA) (Schlesinger-TX) (Kopriva-CA) (Hodsdon-MN) (Forbes-TX)

REPUBLIC OF KOREA

2510 1131 KBS: KK; lots of tlk, Asian mx (Schlesinger-TX)
 6135 1030 R. Korea: EE; nx, comtry sports, // 6165 (333 9/28 Zilmer-NM)
 6165 1030 RK: EE; nx comtry sports KBS Mag //6135 (333 9/28 Zilmer-NM)
 7275 0830 RK: RR; begin of RR broadcast (444 10/1 Van Beurden-CA)
 9570 1045 RK: EE; usual prgm (444 10/3 Schlesinger-TX)
 9720 1640 RK: EE; 'This is Seoul' prgm (555 9/15 Van Beurden-CA)
 9870 0808 RK: EE; Korean Disco, 'Mailbag'//11810,15570 (Whetzel-IN) (Maddin-WA)
 11725 1040 RK: EE; tlk, culture, unkn qrm (544 9/12 Miller-CA) (Van Beurden-CA) (Gonzalez-NY)
 11810 0745 RK: EE; YL 'Land of Morning calm' (555 Van Beurden-CA) (Zilmer NM) (Lindley-AL) (Forbes-TX) (Huffaker-MEXICO) (Newton-GA)
 11830 *1600 RK: EE; ID nx comtry (242 9/7 Huddleston-Tx) (Kopriva-CA) (Valentine-CA)
 15375 2130 RK: EE; nx, comtry, local mx sked (322 9/26 Zilmer-NM)
 15570 1925 RK: EE; Tk about Korea (Fair 9/14 Holland-NY) (Huffaker-MEXICO)

KUWAIT

9840 2030 R. Kuwait: AA; dramatic reading, AA mx (Good 9/20 Holland-NY)
 11665 2100* RK: EE; s/off YL (322 10/4 Cereghin-MD) (Whetzel-IN) (Hodsdon-MN) (Shepherd-IL) (D'Angelo-PA)
 15140 1834 RK: AA; local mx, drama YL (544 9/8 Faccioli-URUGUAY)
 15345 1600 RK: EE; Amer. pop mx Disco ID (544 9/7 Hill-VA)

LAOS

6130 1155 Vientiane: Lang; Lao music ID OM (Poor/Fair 9/12 Parks-FL)
 6198 1112 Hou Phan: Lang; oriental mx (9/14 Brewer-TN)

LEBANON

6550 1925 Voice of Lebanon: AA; mx ID (333 9/11 Constandines S.AFRICA)
 15170 0245 R. Lebanon nx ID local mx (333 9/25 Zilmer-NM) (Mappin-WA) (Moss-CA) (Huffaker-MEXICO) (Greenwood-PA) (Moman-ALB)

MALAYSIA (Peninsular)

5965 1330 V. of Malaysia: Bahasa; nx tlk mx //9515 (333 9/20 Zilmer-NM)

Sarawak

4835 1305 RMS Kuching: EE/Malay; AA mx tlk OM (544 9/18 Miller-CA) (454 9/16 Van Beurden-CA) (Cereghin-MD) (Palmer-WA)
 4950 1400 RMSK: EE; local nx OM comtry YL (454 9/16 Van Beurden-CA) (Palmer-WA) (Thompson-NM)
 5030 1432 RMSK: Lang; Malaysia 'pop' mx (232 9/25 Palmer-WA)
 7160 1100 RMSK: EE; OM ID "Malaysian press comtry" (454 10/6 Van Beurden-CA) (Schlesinger-TX)
 7270 1000 RMSK: Lang; IS OM ID tlk, chanting mx (243 10/6 Van Beurden-CA)

MONGOLIA

11825 1240 R. Ulan Bator: EE/CC; mx, ID s/off (322 8/25 Faccioli-URUGUAY)

PAKISTAN

596Onf1615 PBC Quetta: Urdu; mx tlk (222 9/9 Constantines-S.AFRICA)
 11640 1400 R. Pakistan: Lang; ID ID, tlk, local mx //21755,17910 (242 9/24 Zilmer-NM)
 17640 1650 RP: EE; nx ID //21605 (242 10/2 Zilmer-NM)
 17660 1601 RP: EE; nx at slow speed //17910 (322 9/27 Zilmer-NM) (Earhart PA on 17662.8t)
 17830 0230 RP: EE; YL ID sked wld nx (232 9/10 Newton-GA)
 17910 1600 RP: EE; OM slow nx, ID (252 9/6 Ortega-CA) (Howarth-WA)
 21480 1607 RP: EE; slow speed nx, (433 9/20 Johnson-IL)
 21590 0230 RP: EE; ID, Time, nx YL slo/fast (242 9/9 Kopriva-CA) (Moman-ALB)
 21605 1650 RP: EE; ID nx //17640 (232 10/2 Zilmer-NM)
 21755 1555 RP: EE; mx ID slow nx (242 9/20 Hesch-NY) (Zilmer-NM)

PHILIPPINES

9580 *1000 R. Philippines: EE; s/on ID 'Philippines Today' (222 9/17 Moman-ALB) (Zilmer-NM) (Schlesinger-TX) (Miller-CA)
 9605 1530 RVA: EE; IS ID Freq 'Living Word' nx //11955 15215 (333 9/27 Zilmer-NM)
 9615 1230 RVA: JJ; ID tlk OM/YL mx (534 9/11 Miller-CA)
 11775 0925 RVA: EE/KK; YL sked, ID, KK prgm (554 9/15 Van Beurden-CA)
 11855 1100 FEBC: Indonesian; Religious Prgm, ID (Good 9/14 Holland-NY)
 11890 0845 FEBC: EE; "this is Philippines" QRM-VOA (Fair 8/31 Holland-NY)
 11955 1410 RVA: Tamil; mx, mailbag/dx prgm? into EE //9685 15215 ann. (343 9/27 Palmer-WA)
 15135 2110 VOA relay: EE; nx ID comtry (322 9/11 Smith-FL)
 15425 1225 VOA relay: EE; "People in America" (Fair 9/14 Holland-NY)
 15440 1424 FEBC: EE; mx, rlg tlk, nx YL (333 9/9 Miller)
 15450 2314 FEBC: EE; "Good Morning Manila" (333 9/23 Zilmer-NM)
 17785 0300 RVA: EE; pen pals (433 9/9 Miller-CA)
 21680 0440 VOA relay: EE; morning show, mx (332 9/7 Smith-FL)
 26000 2200 VOA relay: EE; nx //26040 (252 9/27 Zilmer-NM)

SAUDI ARABIA

11855 1835 BSksA: EE; DJ show "reflections of a Moslem" (322 9/26 Westbrook-GERMANY)
 15060 1920 BSksA: AA; AA mx & tlk (Good 9/14 Holland-NY) (Ricciuto-NY) (Smith-FL) (Thompson-NM)

SINGAPORE

5052 1335 R. Singapore: EE; mx OM sked YL (534 10/9 Miller-CA)
 11750 0905 BBC relay: EE; Wld nx, ID (Fair/Good 9/14 Holland-NY)
 11940 1345 RS: EE; pop mx IS ilk OM (544 9/11 Miller-CA) (Van Beurden-CA) (Palmer-WA) (Huddleston-TX) (Kopriva-CA) (Huffaker-MEXICO) (Thompson-NM)
 11955 1745 BBC-relay: EE; wld nx OM sports Radio Newsreel (544 9/12 Miller-CA) (Greenwood-PA)
 15200 1445 RS: EE; ID mx // 11940 (322 9/20 Zilmer-NM)

SRI LANKA

11800 1135 SLBC: Tamil; mx ads, tk, nx (V.GOOD! 9/14 Holland-NY)
 15425 1230 SLBC: EE; IS, ID, nx (Good 9/14 Holland-NY) (Cucura-PA) (Greenwood-PA)

TAIWAN

3230t 1300 BCC: CC; time pips march mx nx (332 9/22 Zilmer-NM)
 7130 1400 VOFC: JJ; IS ID, freq. //11860, 9765, 11745, 11825 (343 Zilmer-NM)
 11745 *0900 VOFC: Mandarin; NA, ID, ChMx, Nx (Very Good 9/14 Holland-NY)
 11825 1005 VOFC: Mandarin; IS, ID, nx (Faint 9/14 Holland-NY)
 11935 1300 VOFC: Japanese; YL nx mx (544 9/12 Miller-CA)
 15270 2200 VOFC: EE; Nx, comtry, 'Let's learn CC' (544 9/19 Van Beurden-CA)

TURKEY

7215 2215 V. of Turkey: EE; OM mx ID DX Corner //9515 (333 9/25 Alexander-PA) (Greenwood-PA)
 11895 2130* VOT: EE; ID freq mx (333 9/30 Wampler-VA) (Zilmer-NM)
 15360 2147 VOT: EE; AA mx, ID, address (444 9/19 Johnson-IL) (+7 reports)

UNITED ARAB EMIRATES

21485 0303 RCTV Dubai: AA; chants and tlks OM (222 8/29 Dittrich-FL)
 21700 0519 RCTV Dubai: AA; AA mx ads? (VG 9/21 Gavaras MN)

UNION OF SOVIET SOCIALIST REPUBLICS

RADIO MOSCOW, USSR

4485 0950 Petropavlovsk: RR; a "soap" //7320 (Van Beurden-CA) (Thompson-NM) (Miller-CA) (Thompson-CA) (Boehm-TX)
 11700 0518 Nikolayevsk on Amure?: RR; YL mx (444 10/5 Smith-CA)
 17720 0021 Petropavlovsk: RR; OM/YL tlk (444 10/5 Smith-CA)
 17760 0051 RM Via Khabarovsk: EE; OM DX prgm (444 9/27 Smith-CA)

Armenian S. S. R.

15180 0330 R. Yerevan: ?/EE ID, mx, freq. (444 9/24 Kopriva-CA)

Uzbek S. S. R.

15460 1202 R. Tashkent: EE; mx nx (222 10/5 Cereghin-MD) (Heyman-NY)

VIETNAM

10040 1042 V.of Vietnam: EE?; YL mx ID tlk (242 9/8 Cereghin-MD)
10080 1330 VOV: EE; ID IS Freq, Sked, nx contry (333 9/13 Zilmer-NM)
15012 2120 VOV: EE; talk on flowers (343 9/29 Marshall-GA)(+12 reports)

YEMEN

9780 2020 R. San'a: AA; AA Chanting mx (Fair 9/20 Holland-NY)

PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN

7190 0324 DYBS: AA; tlk, mx ID (323 10/5 Raymond-MA) (Cohen-PA) (Cucura PA)

OCEANIA

AUSTRALIA

5995 1029 R. Australia/Lyndhurst: EE; OM ID freq. mx (343 9/12 Ortega-CA) (Pettit-IA) (Smith-FL)
6005 0625 RA/Carnarvon: EE; OM rock mx QRN (222 10/6 Smith-CA)
6045 1330 RA/L: EE; tlk on new QSL policy, mx (333 9/12 Zilmer-NM)
6150 1135 ABC Melcourne: EE; (444 8/27 Moman-ALB)
9580 1200 RA/ Shepparton: EE; wld nx, local nx (EXC+++ 9/7 Holland-NY) (Schlesinger-TX)
9610 1115 ABC Wamneroo: EE; OM econ comtry (444 10/6 Van Beurden-CA)
9640 1200 RA/S: EE; nx (333 9/29 Zilmer-NM)
9660 0725 ABC Brisbane: EE; sports roundup (222 9/14 Moman-ALB)
9680 0825 ABC Melbourne: EE; OM mx (343 10/6 Van Beurden-CA) (Cucura-PA)
9760 0823 RA/S: EE; nx, features (555 9/1 Hill-VA)
9770 1205 RA/S: EE; OM nx ID tlk on Iran (433 9/30 Forbes-TX)
11740 0740 RA/S: EE; nx OM ID (433 9/15 D'Angelo-PA)
15115 1000 RA/S: EE; wld nx; ID (EXC 8/30 Holland-NY)
15145 0800 RA/S: EE; nx, pop mx ann. not to send rpt (444 9/7 McKinney-PA)
15160 0650 RA/L: EE; OM, mx //15240 (343 10/5 Smith-CA)
15230 0809 ABC Melbourne: EE; lite mx OM ID (222 9/25 Cucura-PA)
15410 0840 RA/C: Indonesian: pop MX ID (Good 9/24 Holland-NY)
15425 0800 ABC Wamneroo: EE; Nat'l & Local nx (333 9/24 Van Beurden-CA) (Cucura-PA)
17725 0920 RA/S: EE; mx, time, ID nx, //15115 (222 10/4 Clark-KS)
17795 0225 RA/S: EE; YL pop mx, ID (545 9/19 Schroeder-WI) (Earhart-PA) (Shepherd-IL) (Kopriva-CA) (Thompson-CA) (Berkholtz-MN)
21525 0402 RA/S: EE; nx mx swing, ID (333 9/17 Smith-FL)
21650 2247 RA/S: EE; ID "A Brighter Day" mx (344 9/30 Wampler-VA) (Conover-KY) (Somers-CA) (Berkholtz-MN) (Moman-ALB)
21740 0115 RA/S: EE; YL pop mx QRN (333 9/27 Smith-CA) (Kopriva-CA) (Wampler-VA) (Lindley-AL) (Berkholtz-MN)



GUAM

11840 1010 KTWR: JJ; Children singing, tlk (Fair 9/14 Holland-NY) (Van Beurden-CA)
17770 0113 KTWR: EE presumed to be, sked on ex-17800 (7/9 Hauser-TN)

NEW CALEDONIA

7170 0945 R. Noumea: FF; OM, mx (444 10/6 Van Beurden-CA) (Korneke-VA) (Newton-GA)
11710 0835 RN: FF; tlk OM/YL (Fair 9/14 Holland-NY) (Van Beurden-CA) (Cucura-PA) (Korneke-VA)
15710 0657 RN: FF; ballad singer "very clear" YL //7170 (433 10/5 Smith-CA)

--I want to thank all those who helped me this month by sending in reports. Continue the good work!.....tls

NEW ZEALAND

6105 1300 RNZ: EE; nx (444 8/27 Moman-ALB)
11945 1005 RNZ: EE; nx OM local wx, mx, sports (433 10/5 Clark-KS)
(Pettit-IA) (Heyman-NY)
15345 0530 RNZ: EE; DX prog. Tony King's interview including our own
SPEEDX member Lani Pettit (congrats) (433 8/11 Pettit-IA)
15485 0258 RNZ: EE; nx, mx wx (555 9/4 Hill-VA) (Pettit-IA) (Nebron-
CA) (Smith-CA)
17860 0500 RNZ: EE; local nx wx, "roundabout" (454 9/5 Van Beurden-CA)
(Kopriva-CA) (Thompson-CA) (Lindley-AL)

PAPUA NEW GUINEA

3335t 1135 R. East Sepik: Pid; OM nx?, ORM (333 9/29 Marshall-GA)
3385 1100 R. E. New Britain: Pid; c/w pop mx, time notes (322 9/24
Greenwood-PA)
4890 1130 NBC Port Moresby: EE; pop mx ads ID (233 9/27 Eramo-MA)
(Thompson-NM)



SOCIETY ISLANDS

11825 0720 R. Tahiti: FF; island mx (454 10/6 Van Beurden-CA) (Thompson-
CA) (Smith-CA)
15170 0330 RT: Tahitian; local nx-mx (Exc. 9/13 Holland-NY) (Cucura-PA)
(Somers-CA) (Greenwood-PA)

SOLOMON ISLANDS

5020 0958 SIBC: EE; ID freq. R. Australia nx (322 8/28 Moman-ALB)
9545 0745 SIBC: EE; local, regional nx, QRM (322 9/10 Van Beurden-CA)
(Kopriva-CA) (Smith-CA) (Newton-GA)

VANUATU (New Hebrides)

3945 0823 R. Vanuatu: FF/EE; ID, relig tlk, news (322 8/25 Moman-ALB)
7260 0830 RV: EE; local/wld nx HamQRM (243 9/8 Van Beurden-CA)
(Newton-GA)

BBCMS copyrighted DATELINE BBCMS copyrighted
Afghanistan-RA has been observed using 15076 for 1730-1930 transmission
in Pashto/Dari, German and English beamed to Europe.

Iran--VOIRI external service programs were observed as follows: 1730-1800
German, 1800-1830 French, 1830-1930 Turkish, 1930-2030 English all
these on 9022. 2030-0230 Familiar Voice Service in Persian on
9022 and 15084

Iraq--"Voice of Iraqi Kurdistan" currently observed from 1600-1700 on
approx. 6300. Suggestions to improve and develop the station would be
welcomed was broadcast in Bahdinani Kurdish, Surani Kurdish and
Arabic.

Philippines--R. Filipinas describes itself as the Overseas Broadcast
Service of the Voice of the Philippines and is operated by the
National Media Production Centres from studios in Metro Manila.
Programs (approximately) are 0658-1900 on 9578. Programs are
in Tagalog and English. Generally EE is from hour until 15 after
except from period of 1650-1710.

Saudi Arabia--BSKA. Arabic language domestic service from Riyad is
broadcast for listeners outside Arabian peninsula as follows: 1700-
2300 N.Amer. 21600, 1100-1700 N. Afr. 21505, 1500-1700 N. Afr. and
1700-2300 Eur. and No. Africa both of these on 15060.

Singapore--R. Singapore English service is now broadcast on 15200 as
well as 11940, 5052, and 5012. This service is from 2230-1630.

I would like to thank the 76 contributors who did some super Listening.
In the last few lines let me briefly intro myself. I'm 32 years old--and
getting older faster each day. I've been a DX/SWLR since 1965. To some
Old timers I'm WPE6FUF. My profession, besides Listening to the Shortwave
stations, is a minister in the Christian Church. I'm married with 3
little dependants. I'll be moving soon--but will not miss a single issue,
watch for the new address. Hear from you all soon. 73's--- Tom

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

All schedules, unless otherwise indicated, are for English programs, and all times are in Greenwich Mean Time (GMT). Also, schedules credited to the "BBCMS" are courtesy of the BBC Monitoring Service, and are used by permission. We are nearing the end of the S80 period as the new (November to March) period will be here by the time you receive this issue.

ANDORRA: Adventist World Radio via Radio Andorra. Sked is valid until March 28th, 1981.
2030-2200 6220 Daily
0900-1000 15030 Sunday Only
(J. Fisher)

AUSTRALIA. Radio Australia S80 to North America.
0100-0300 17795, 21740
1100-1300 9580
(L. Cohen, R. Munster, W. Pickard II)

BELGIUM. Belgische Radio en Televisie (BRT). This sked is valid from Sept. 28 until Jan. 1, 1980.
0015-0100 15175 South America
15385 North America
1335-1350a 17730 Far East
21525 North America
1705-1750 6010 Europe
21525 Africa
a = this is on Monday through friday only.
(D. Crawford, L. Dekeyser, R. Yajko)

EGYPT. Radio Cairo. Current schedule received on October 6th.
0200-0330 9475 North America
12050 " "
(D. Crawford)

FINLAND. Here is Radio Finland's S80 sked, valid until November 2nd.
0330-0400 6120 Northern Europe
9645 North America
11755 North America, Middle East
0800-0925a 15265 Europe
21465 Far East/Australia
0930-1000 6120 Northern Europe
11755 Central Europe
15265 Europe/S. America
21465 Far East/Australia
1300-1330b 15265 Europe
15400 North America
1300-1425a 15265 Europe
15400 North America
1430-1500 15400 North America
21475 " " Middle East
1930-2000 11955 Europe/Africa
15265 Europe
2130-2200 6120 Northern Europe
11755 Europe/S. America
15270 S. America/W. Africa
a=Sunday only; b=Monday thru Saturday
(W. Pickard II)

GERMANY(Dem. Rep.): Radio Berlin International, current undated schedule:

0000-0045	9730	ECNA
	11975	"
0130-0215	9730	"
	11975	"
0230-0315	11840	WCNA
	11890	"
	11975	"
0345-0430	11720	Africa
	11795	"
0545-0630	17700	Southeast Asia
	21465	" "
	21540	" "
1100-1145	15320	" "
	17700	" "
	21465	" "
	21540	" "
1215-1300	21485	Africa
1300-1345	17700	Southeast Asia
	21465	" "
	21540	" "
1315-1400	9730	Africa
	11700	"
	15240	"
1400-1445	17700	Southeast Asia
	21540	" "
1515-1600	7185	Europe
	9730	"
	11975	Africa
1645-1730	6080	Europe
	6115	"
	7185	"
1700-1745	11970	Africa
	15145	"
	15170	"
1815-1900	6080	Europe
	6115	"
	7185	"
1900-1945	9665	Africa
	15390	"
1930-2015	7260	Europe
2030-2115	6080	"
	6115	"

NOTE: All broadcasts will be an hour later when they resume standard time.
(D. Crawford)

INDIA. All India Radio, S80 schedule.
1000-1100 15205 Australia/New Zealand
15285 " "
15350 Northeast Asia
17387 " "
17875 Australia/New Zealand
21695 Northeast Asia

INDIA (continued):

1330-1500 11810 Southeast Asia
 15335 " "
 1745-2230 11620 Western Europe
 15165 " "
 1800-2000 11830 East Africa
 15185 " "
 1945-2045 9755 W. & N. Africa
 11865 " "
 2000-2230 9912 Europe
 2045-2230 15110 Australia-N.Z.
 11755 " "
 2245-0115 7215 E.&SE Asia
 9530 Northeast Asia
 9605 E & SE Asia
 11765 " "
 11830 Northeast Asia
 15110 E. & SE Asia
 15280 Northeast Asia

(H. Huddleston)

PORTUGAL, AWR-Europe via Radio Trans
 Europe in Sines:
 0930-1000 9670 Sunday Only.
 (J. Fisher)

PORTUGAL: Here is the latest sked
 received from Radio Portugal in
 Lisbon.
 0300-0330 9765 ECNA
 11925 " "
 0500-0530 6185 WCNA
 9765 " "
 1600-1630a 21475 Middle East,
 Indian subcontinent
 1700-1730b 17880 Africa
 1800-1830a 15340 Africa
 17880 " "
 2030-2100 6025 Europe
 (a=not Sunday; b=Sunday only)
 (T. Van Beurden, S. Heyman)

JORDAN, Radio Jordan, undated
 schedule.

0330-0730 7155 Arabic-Home Service
 0330-1500 11920 Arabic-Arab Gulf
 0930-1430 9530 Arabic-Home Service
 1500-1700 9560 English-Europe
 1500-2300 9530 Arabic-Arab Gulf
 1800-1830 9560 Commer.-Europe*
 1900-2330 7155 Arabic-Home Service
 *=I think this is the broadcast of
 Bishop S. McDowell Shelton on Satur-
 day only. See WRTH 80, page 67.
 (D. Jones)

TAHITI, Radio Tahiti (FR#3) in
 Papeete. Undated sked.
 1600-0730 (except extended until
 0900 on Saturday).

Frequencies are 6135 4 KW
 11825 20 KW
 15170 20 KW

There is an English news bulletin at
 1900 GMT every day except Monday.
 (No name) Days mentioned are local.

VATICAN STATE, Vatican Radio,
 current schedule to North America.
 0100-0115 6015, 9605 & 11845
 (R. Yajko)

KOREA (South): Radio Korea, undated
 schedule.

0100-0200 15375 Latin America
 15570 Non-directional
 0330-0430 15570 " "
 0730-0830 9870 N. & S. America
 11810 " "
 15570 Europe
 1000-1100 9570 South America
 9870 ME, S. Asia
 11725 South America
 15570 ME, N. Africa
 1030-1100 6135 Non-directional
 6165 " "
 7275 " "
 1300-1400 7550 Southeast Asia
 11830 " "
 1600-1700 7550 ME, N. Africa
 9870 " "
 9720 N. & S. America
 11830 " "
 1900-2000 6480 Europe
 15570 " "
 2130-2230 15375 Non-directional
 (R. Munster) Ed. Note: Thought
 all EE transmissions were 1 hour in
 length but according this schedule
 they are not.

Sorry for such a short issue this
 time around! Even with the BBC MS
 material, I did not have enough
 material for a third page. By the
 way, this column marks the start of
 my second year with the SKEDS
 column. God willing, I hope to be
 able to continue on for many more
 years.

A reminder: don't forget to write
 your name and state on each sked.
 For example: "R. Yajko, PA". If you
 leave it off, I might forget to write
 it on and then we have the "No name"
 such as Tahiti above.

Also, I have a policy of not using
 skeds listing meter bands in the
 place of frequencies. It is next to
 useless if the sked lists "41 mb" and
 the key shows eight different
 frequencies for that band!

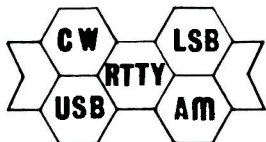
BOB DONLY - IN MEMORIUM

It was a real shock in hearing of Bob's
 sudden passing. Although I never had
 the pleasure of meeting Bob in person
 I did speak to him several times on
 the phone. He was a warm, friendly
 and sincere person. His death is a
 real loss to this world.

73 Chris

— III I
 II — — II I—II II — — I—
 III — I— I I — I I

THE UTILITY SCENE



EDITOR:

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

DEADLINE:

12th of
 Month

Really swamped with material this month, so I will keep my comments brief....

* Rounding off a rough edge::: Concerning Aeradio stas that utilize the SSB/USB mode of xmsn... The standard USB mode is normally considered that of having a reduced carrier. This is known as an A3J mode. Aeradio although, xmit with a re-inserted full carrier. This is known as an A3H mode. (it is a so-called hybrid AM/SSB) From now on, the more correct A3H mode will be listed for any Aeradio logging, showing an SSB or USB xmsn mode.

A new ute column.... Since 1975, the scanner club, RCMA has devoted itself to reporting radio activities above 30Mhz (including VHF & UHF) Recently RCMA introduced an H.F. utility section, under the editorship of Chris Devendorf. As with any new endeavor, Chris is in need of regular contributors to his column. If any ute is thinking about joining a scanner club, here is your chance to aid, not only yourself, but to also give Chris's column a needed boost. Information on membership should be directed to:
 RCMA, PO Box 4563, Anaheim CA 92803.

Now onto the loggings.....

**** NORTH AMERICA ****

ALASKA:	5692	USB	0643	NOU- Sitka Air (USCGAS) wkg CG 1600 (Chabak-AZ)
	5692	USB	0636	Yakutat Control (USCG) wkg CG 1600 (Chabak-AZ)
	11176	SSB	0132	AKA- Elmendorf AFB wkg Unid. a/c (Osterman - KY)
	13344	A3H	var.	KTS70- Anchorage Volmet - Aero WX (Narva-MD)(Moss-CA)
BERMUDA:	6487.5	CW	0130	VRT- Bermuda Radio - V Mkr (Blaize-LA)
CANADA:	5610	A3H	0145	VFG- Gander Aeradio wkg Iberia 972 (Viau-Quebec)
	5718	USB	1235	CFH- Halifax Military wkg Rescue 310 (Ricciuto-NY)
	8868	AM	0324	VFG- Gander Aeradio - Volmet b/c (Guppy-IN)
	9005	USB	0659	CJA- St. Johns Military - wkg a/c 5982 (M. Jones-CA)
	12726	CW	0340	CFH- Halifax Military - V Mkr (Blaize-LA)
	13272	A3H	0450	VFG- Gander Aeradio - Volmet b/c (Moss-CA)
	15035	USB	2140	CJA- St. John's Military - Aero WX (Shepherd-IL)
	15920	CW	0242	CFH- Ellerhouse - NAWs Mkr (Boehm-TX)
GREENLAND:	11435	CW	0001	OVC- Royal Danish Navy Gronnedal- clg OVG12 (Chinsky-NY)
MEXICO:	4250	CW	0225	XFL- Mazatlan Radio CQ Mkr (G. Thompson-NM)
	8568	CW	1220	XPM- Manzanillo Radio V/CQ Mkr (G. Thompson-NM)
U.S.A.:	4115.7	USB	0645	WPN- Jeffersonville Marine wkg barge t/c (Alexander-IA)
	4360	USB	2114	ICSB1 San Diego wkg USS Tarawa (Devendorf-CA)
	5400	USB	1415	WUD6- USACE St. Paul MN wkg WUD635 (Stock-CO)
	5519	AM	0436	KSF70- Oakland Aeradio- Volmet b/c (Moss-CA)
	6506.4	USB	0245	NMC- CS San Francisco clg CGC Planetree (Coleman-MA)
	6506.4	SSB	0433	NMC- CS San Fran clg USNS Navajo (Blaize-LA)
	6738	USB	0916	AFI- McClellan AFB CA wkg MAC 60141 (Alexander-IA)
	6750	USB	0540	AFEB- MacDill AFB FL-p/p to Miami Monitor-GULL05(Carson-WV)
	6977.5	LSB	0142	KHB24- NWS Billings MT wkg KGD69 Salt Lake (Russell-KS)
	8090	CW	0120	NAM- NCS Norfolk VA- coded NATO exercise (Chinsky-NY)
	8486	CW	0833	W0E- Lantana Radio V Mkr (Forsman-CA)
	8514	CW	0837	WSL- Amagansett Radio CQ Mkr (Forsman-CA)
	8525	CW	0841	WNU- Slidell Radio CQ Mkr (Forsman-CA)
	8550	CW	0845	WPA- Port Arthur Radio V Mkr (Forsman-CA)
	8575	CW	0858	NMC- CS San Francisco CQ Mkr (Forsman-CA)
	8765.4	USB	var.	NMC- CS New Orleans wkg CGC Valiant/Sweetgum (Shepherd-IL)
	8765.4	USB	0433	NMN- CS Portsmouth VA wkg CGC Duane (Shepherd-IL)
	8945	A3H	0425	WSY70- New York Aeradio wkg Icelandic 610 (Ricciuto-NY)
	8984	USB	0202	NMA- CG Miami Radio wkg CGC Shoalwater (Hess-OH)
	8989	USB	0441	AFEB- MacDill AFB wkg a/c 56 (Carson-WV)
	9006	LSB	0102	AFA- Andrews AFB MD wkg SAM 86970 (Stock-CO)
	9018	USB	0115	AFA- Andrews AFB MD wkg Marine 28427 (Stock-CO)
	9020	LSB	0335	AFEB- MacDill AFB wkg APPLIED (Shepherd-IL)
	11239	USB	0130	AFI- McClellan AFB CA wkg BEEBOP 140 (Ricciuto-NY)

U.S.A.:	12953	CW	0203	WMH- Baltimore Radio V Mkr (Blaize-LA)
	13051.5	CW	2145	WPD- Tampa Radio CQ Mkr (Conway-England)
	13116.3	USB	0245	WOM- Ft. Lauderdale FL- wkg PENROD 71-WPCL (Fitzgerald)
	13247	USB	1619	AFA- Andrews AFB MD clg Air Force 2 (Shepherd-IL)
	14878a	CW	2150	ITT- New York QTT Mkr (Pettit-IA)
	15272	A3H	0041	WSY7 ϕ - New York Aeradio Volmet b/c (Moss-CA)
	16590	USB	1500	KNM- Port Arthur TX wkg Baltimore Trader (Ricciuto-NY)
	17263.9	USB	2335	WOM- Ocean Gate Radio - WX b/c (M. Jones-CA)
	17941	A3H	1651	WSY7 ϕ - New York Aeradio wkg American 652 (Pokatiloff-IL)
	22320	CW	2002	WLO- Mobile Marine R. tfc list (C. Brown-IL)
	22413	CW	1928	KOK- Cerritos R. QSX Mkr (C. Brown-IL)
**** CARIBBEAN ****				
CUBA:	6337	CW	0055	CLA5- Havana Radio CQ Mkr (Blaize-LA)
	7524a	---	0557	IRTS Havana Bagpipe IS- into RTTY (Pettit-IA)
	10216a	SSB	0240	AACH- Guantanamo Bay- telcomm tfc (Blaize-LA)
	15024	CW	2359	COL-Cuban Mod Havana-aero tfc with REJS4 (Chinsky-NY)
	21812a	CW	1310	CLN574-PTP Havana clg UJY2 Kaliningrad (Chinsky-NY)
	23860	CW	1812	CLP1- MINREX/EMBACUBA Havana- QSV CLP33 (Chinsky-NY)
	25496	CW	1853	CLQ- Havana QSX Mkr (C. Brown-IL)
JAMAICA:	13065	CW	1240	6YI- JIT Kingston DE Mkr (G. Thompson-NM)
MARTINIQUE:	4263	CW	0410	FFP2- Fort de France R. - QRU/QTC/QSX Mkr (Ricciuto-NY)
	13031	CW	2035	FUF- Fr. Naval R.-Pt. de France - V Mkr (Draeseke-CA)
	22390	CW	2200	FUF- Fr. Naval R. V Mkr (Moman-Alberta)
PUERTO RICO:	5610	A3H	0430	WWA3- San Juan Aeradio wkg Speedbird 25 ϕ (Hess-OH)
	7537	CW	0045	NMR- CG San Juan with W. Indies Bulliten (Boehm-TX)
	8471	CW	0647	NMR- CG San Juan CQ Mkr (Conway-England)
	8945	A3H	0241	WWA3- San Juan Aeradio wkg Air France 234 (Ricciuto-NY)
**** SOUTH AMERICA ****				
ARGENTINA:	6512.6	USB	0730	LPL3 ϕ -Gen. Pacheco R. VM EE/YL SS/OM (Chabak-AZ)
	13159.7	USB	2334	LPL4- Gen Pacheco R. OM/SS wkg Uruguay (M. Jones-CA)
	17235	USB	0515	Gen. Pacheco R. VM EE/SS OM/YL (Valentine-CA)
	22419	CW	1920	LPD91- Gen. Pacheco R. V Mkr (C. Brown-IL)
BRAZIL:	8847	A3H	0325	Manaus Aeradio EE/OM wkg a/c 958 (Fitzgerald-RI)
	14605	SSB	0330	EMBRATEL- Rio de Janeiro- VM EE/PP/OM (Pickard-IL)
	22352.5	CW	1900	PPR- Radio Rio QSX Mkr (C. Brown-IL)
CHILE:	6420	CW	var.	CCS-Chilian Naval R. V/DE Mkr (Blaize-LA)(Pettit-IA)
	12714	CW	1200	CBV- Valparaiso Radio - Tfc list (Saito-Japan)
	15771	CW	0231	CCS- Chilian Naval R. Santiago- V Mkr (Boehm-TX)
	20605	LSB	2000	OCK25-Arequipa- wkg KCW21 Kitt Peak AZ (Russow-W. Berlin)
COLOMBIA:	13087.5	CW	2155	HKB- Barranquilla Radio CQ Mkr (Conway-England)
ECUADOR:	3810	AM	0937	HD210A- Guayaquil Time sta- OM/SS (Viau-Quebec)
	7600	AM	0330	HD210A- Guayaquil Time sta - OM/SS (Shepherd-IL)
PARAGUAY:	20885	LSB	1812	ZPM261- USMAG Asuncion-wkg AHF4 Albrock (Devendorf-CA)
**** EUROPE ****				
AZORES:	4746	USB	0345	CUW- Lajes AFB with Skyking msg (Carson-WV)
	5610	A3H	0156	Santa Maria Aeradio wkg Iberia 941 (Viau-Quebec)
	8945	A3H	0505	Santa Maria Aeradio wkg New York Aeradio (Hess-OH)
CYPRUS:	20980	SSB	0700	MKD- RAF Nicosia - telcom tfc to UK (Conway-England)
ENGLAND:	8990a	USB	2215	3T5I- RAF Strike Command - tfc (Chinsky-NY)
	11200	USB	0244	MVU- West Drayton RAF Volmet b/c (Fitzgerald-RI)
	12179	LSB	0520	BBC Feeder (Munster-GA)
	22654a	USB	1657	Portishead Radio wkg Argonaut (M. Jones-CA)
ESTONIA:	22387	CW	1346	ESF- Tallinn Radio ESF test (Stein-NJ)
FINLAND:	22396.7	CW	1930	OFJ- Helsinki QSX Mkr (C. Brown-IL)
	25065	CW	1740	OFJ- Helsinki NX bulliten (C. Brown-IL)
FRANCE:	6421.5	CW	0254	FFL2/FFL3 - St. Lys Radio CQ Mkr (Pettit-IA)
	13235.5	CW	0710	HWN- Fr. Naval Radio Paris V Mkr (Chabak-AZ)
	19360	CW	0649	FSB- INTERPOL Paris- CQ & msg (Conway-England)
	20614	LSB	----	FTU61- FTS Paris VM FF/EE/OM (Handler-IL)
	21830	SSB	0815	FTV83- FTS Paris VM FF/EE/OM (Conway-England)
	22673.5	USB	1645	FFL91- St. Lys Radio FF/YL with tfc (M. Jones-CA)
GERMANY, EAST:	6428.5	CW	0123	Y5M- Rugen Radio V Mkr (Blaize-LA)
	8442	CW	0145	Y5M- Rugen Radio V Mkr (G. Thompson-NM)
GERMANY, WEST:	11234	SSB	0306	DHM95 - Lahr Military wkg Military 4 ϕ 7 (Osterman-KY)
	15031	USB	1725	DHM95- Lahr Military - WX b/c (Ricciuto-NY)
GIBRALTAR:	8625	CW	0210	GYU- Royal Navy DE Mkr (G. Thompson-NM)
GREECE:	8692.5	CW	0250	SVF- Athens Radio DE Mkr (Coleman-MA)
	8704	CW	0523	SVE7- Athens Radio CQ Mkr (Hess-OH)
	12720	CW	0342	SVG5- Athens Radio DE Mkr (Blaize-LA)
HOLLAND:	12853.5	CW	0325	PCH52- Scheveningen Radio CQ Mkr (Blaize-LA)
HUNGARY:	12963	CW	1500	HAR- Budapest Naval R.- CQ YTOH (Conway-England)

IRELAND:	8833	AM	var.	EIP-Shannon Volmet b/c(Shepherd-IL)(Moss-CA)(Stone-ONT)
ITALY:	6390.3	CW	0112	IDQ3- Rome Naval Radio WX b/c (Blaize-LA)
	12748	CW	0330	IRM8- C.I.R.M. Rome V Mkr (Blaize-LA)
	12978	CW	1958	ICB- Genoa Coastal Radio V Mkr (Conway-England)
	13015.5	CW	0600	IAR3- Rome Coastal Radio CQ Mkr (Hess-OH)
	13125.5	USB	0544	Rome Radio 3- IT/EE/OM with tfc (Hess-OH)
	22372.8	CW	1940	IAR- Rome Coastal Radio- WX freq list (C. Brown-IL)
NORWAY:	17076a	CW	2125	LGU etal- Rogaland Radio CQ Mkr (Coleman-MA)
	22587	CW	1740	LGC3-Rogaland Radio-high speed CW-TLX QRV(Alexander-IA)
POLAND:	12939	CW	0206	SPE6- Szczecin Radio CQ/tfc list (Blaize-LA)
PORTUGAL:	8551.5	CW	0425	CTP- Oeiras Naval Radio DE Mkr (Blaize-LA)
SCOTLAND:	9011	USB	0620	AJE- Croughton AFB - Skyking msg (Carson-WV)
SPAIN:	6377.7	CW	0059	EBA- Madrid Naval Radio EBCQ Mkr (Blaize-LA)
	13052.3	CW	0616	EBA- Madrid Naval Radio CQ/DE Mkr (Hess-OH)
SWITZERLAND:	13024	CW	0535	HEB- Berne Radio CQ Mkr (Hess-OH)
	13296	A3H	1344	Berne Aeradio wkg Aeroflot 438 (Conway-England)
TURKEY:	6395	CW	0108	TBA3- Izmir Naval Radio V Mkr (Blaize-LA)
	6491.5	CW	0132	TAH- Istanbul Radio CQ/V Mkr (Blaize-LA)
U.S.S.R.:	8571	CW	0431	UFN- Novorossiysk Radio DE Mkr (Blaize-LA)
	15004	CW	0049	RID- Irkutsk Time sta- pips & ID Mkr (Chinsky-NY)
	14960	USB	----	Moscow Radio Telephone sta- VM YL/EE (Handler-IL)
	15607	USB	0120	Moscow R/T sta VM YL/EE (Russell-KS)
	16865	CW	1536	UJY- Kallingrad Radio CQ Mkr (Conway-England)
	17504a	CW	1647	RIW- Khiva Radio wkg RMEV (Alexander-IA)
	21765a	CW	1822	RCV- Soviet Navy Moscow- wkg RMNJ (Chinsky-NY)
	23525a	CW	1816	RCV- Soviet Navy Moscow- clg RMKC & RMLQ (Chinsky-NY)
	25900	CW	1823	UFB- Odessa Radio QSX Mkr (C. Brown-IL)
**** AFRICA/MIDDLE EAST ****				
DJIBOUTI:	8682	CW	1625	J2A8- Djibouti Radio CQ/QSX Mkr (Saito-Japan)
	13042.5	CW	var.	FUV- French Naval R.- V Mkr (G.Thompson-NM)(Draeseke-CA)
ISRAEL:	6379a	CW	0101	4XZ- Haifa Naval Radio V Mkr (Blaize-LA)
LIBYA:	8959	A3H	0003	Tripoli Aeradio wkg Sabena 487 OM/EE (Fitzgerald-RI)
MAURITANIA:	10916	SSB	----	5TN27- OFIPOSTEL Nouakchott-VM FF/OM (Handler-IL)
REUNION IS.:	8475	CW	var.	FUX- French Naval R.- V Mkr (G. Thompson-NM)(Moman-ALB)
	13215.5	CW	var.	FUX- Fr. Naval R. V Mkr (G.Thompson-NM)(Fitzgerald-RI)
SENEGAL:	8992	CW	0535	6WW- French Naval R. Dakar V Mkr (Chabak-AZ)
	13410	CW	2135	6WW- French Naval R. Dakar V Mkr (Hess-OH)
SOUTH AFRICA:	4317	CW	0422	ZSC33- Capetown Radio V Mkr (Ricciuto-NY)
	6336.5	CW	0055	ZRQ3- Simonstown(Cape) Naval R. V Mkr (Blaize-LA)
	6386.5	CW	0104	ZS33- Silvermine(Cape) Naval R. CQ Mkr (Blaize-LA)
	8565	CW	0215	ZS35- Capetown Radio CQ Mkr (G. Thompson-NM)
	12772.4	CW	1624	ZSG- Capetown Radio CQ Mkr (Moman-Alberta)
	12892.2	CW	1636	ZRQ- Simonstown Radio V Mkr (Moman-Alberta)
	17004.3	CW	2127	ZRH- Fisantekraal (Cape) Naval R. QSX Mkr (Moman-Alberta)
**** ASIA/FAR EAST ****				
CHINA, P.R.:	8450	CW	1215	XSC- Shanghai Radio CQ Mkr (G. Thompson-NM)
	8502	CW	1613	XSC- Shanghai Radio CQ Mkr (Moman-Alberta)
	8546	CW	1215	XST- Tsingtao Radio CQ Mkr (G. Thompson-NM)
	12855.7	CW	1420	XSG7- Shanghai Radio CQ Mkr (Blaize-LA)
COCOS IS.:	8882	A3H	1215	Cocos Island Aeradio wkg flight 42 (Maise-LA)
DIEGO GARCIA:	11234	USB	1300	NKW- Diego Tower wkg MAC 50258 (Maise-LA)
	11234	USB	1320	NKW- Diego Tower wkg MAC 60142 (Chabak-AZ)
HONG KONG:	8619	CW	1235	VRN- C&W Ltd Cape d'Agullar- DE Mkr (G. Thompson-NM)
	8840	A3H	1257	Hong Kong Aeradio wkg Air Nauru 771 (Chabak-AZ)
	13020	CW	1245	VPS- Cape d'Agullar Radio DE Mkr (G. Thompson-NM)
INDONESIA:	8436	CW	1235	PKC- Palembang Radio CQ Mkr (G. Thompson-NM)
	8443a	CW	2330	YHM- Sorong Radio V Mkr (Draeseke-CA)
	8868	AM	1342	8BB59- Jakarta Aeradio wkg Quantas 18 (Chabak-AZ)
	16892.9a	CW	1540	YHM- Sorong Radio V Mkr (Draeseke-CA)
JAPAN:	8000	AM/CW	var.	JJY- Koganei Time sta-pips-ID(Nebtron-CA)(P.Thompson-CA)
	8523.4	CW	0839	JOR- Nagasaki Coastal Radio CQ Mkr (Forsman-CA)
	8547.5	CW	1231	JFA- Matsudo Radio CQ Mkr (Chabak-AZ)
	8854	A3H	1305	Tokyo Aeradio wkg Quantas 33 (Maise-LA)
	8903	A3H	1212	Tokyo Volmet b/c (Aucoin-LA)
	12826.5	CW	1536	JCS- Choshi Coastal R. CQ Mkr (P. Thompson-CA)
	22463	CW	0242	JCU- Choshi Coastal R. CQ/QSX (Alexander-IA)
KOREA, SOUTH:	8496.5	CW	1215	HLJ- JeJu Fisheries Seoul- CQ Mkr (G. Thompson-NM)
	10523.6	USB	1300	P'ohang Loran r/c with Yokota Monitor (Chabak-AZ)
	10523.6	USB	1153	Hampyong Loran wkg Yokota Monitor (Chabak-AZ)
	13028	CW	2211	HLX- Seoul Radio CQ Mkr (Draeseke-CA)
MALAYSIA:	8882	A3H	1317	Kuala Lumpur Aeradio wkg Malaysian 4055 (Chabak-AZ)

PHILIPPINES: 8578 CW 1220 DZO- Bulacan Radio CQ Mkr (G. Thompson-NM)
 8586 CW 1225 DZG- Manila(Las Pinas)Radio CQ Mkr (G. Thompson-NM)
 8598 CW 1230 DZK- Manila Radio CQ Mkr (G. Thompson-NM)
 11176 USB 1303 AIC- Clark AFB p/p to metro for Flying Tiger 25 (Chabak)
 12870 CW 1430 DZO- Bulacan Radio CQ Mkr (Blaize-LA)

SINGAPORE: 8687 CW 1225 9VG3- Singapore Radio CQ Mkr (G. Thompson-NM)
 8709 CW var. 9VG- Singapore R.-CQ Mkr (Moman-Alberta)(G.Thompson-NM)
 8840 A3H 1401 9VA37- Singapore Aeradio wkg Air France 191 (Chabak-AZ)
 8868 A3H 1327 9VA41- Singapore Aeradio wkg MAC 60138 (Chabak-AZ)

SRI LANKA: 8882 A3H 1225 Colombo Aeradio wkg MAC 40637 (Maise-LA)
 THAILAND: 8840 A3H 1416 Bangkok Aeradio wkg Philippine 010 (Chabak-AZ)
 VIETNAM: 8840 AM 1346 Hanoi Aeradio-OM/EE wkg Pakistani 763 (Chabak-AZ)
 VOLCANO IS.: 10523.6 USB 1350 NRT3- Iwo Jima Loran wkg Saipan Monitor (Maise-LA)

**** PACIFIC OCEAN ****

AUSTRALIA: 6428.5 CW 1552 VHP- RAN Canberra Naval Radio-V Mkr (Moman-Alberta)
 8975 USB 1044 AXF- Air Force Sydney wkg Rescue 251 (Chinsky-NY)
 10093 A3H 0707 Sydney Aeradio wkg unk station (Pokatiloff-IL)
 11235 USB 0641 AXH- Air Force Townsville r/cing Wombat 75 (Chabak)
 11235 USB 0642 AXI- Air Force Darwin wkg Kiwi 822 (Chabak-AZ)
 12907.5 CW 1638 VHP- RAN Canberra Naval R. V Mkr (Moman-Alberta)
 20780 SSB 0715 VIP-Perth R. wkg Cocos USB/Xmas Is LSB (Conway-England)
 CAROLINE IS.: 10523.6 USB 1350 NRV7- Yap Loran wkg Saipan Monitor (Maise-LA)
 HAWAIIAN IS.: 8903 AM var. KVM70- Honolulu Volmet b/c (M. Jones-CA)(Cuppy-IN)
 MARCUS IS.: 10523.6 USB var. NRV6- Marcus Loran wkg Guam R. (Maise-LA)(Chabak-AZ)
 MARIANA IS.: 10523.6 USB 1415 NRV- USCG Guam Radio wkg Marcus Loran (Maise-LA)
 10523.6 USB 1350 NRV2- Saipan Monitor wkg Yap Loran (Maise-LA)
 13201 USB 0553 AIE- Andersen AFB wkg Alfa Lima 459 (Chabak-AZ)
 NEW CALEDONIA: 8646 CW var. FUJ- Fr. Naval R.-V Mkr (G. Thompson-NM)(Chabak-AZ)
 NEW ZEALAND: 5707 USB 1257 Air Force Auckland wkg Kiwi 960 (Chabak-AZ)
 8984 USB 1250 Air Force Auckland wkg Kiwi 960 (Chabak-AZ)

**** ANTARCTICA ****

8690 CW 1203 FJY4- St. Paul & Amsterdam Is. CQ/QSW/QSX Mkr (Saito-Japan)
 8997 USB 0251 NQU- Siple Station wkg South Pole Station (Chabak-AZ)
 13251 USB 0419 NZCM- Mac Center (McMurdo) wkg MAC 50262 (Chabak-AZ)
 13973.3 USB 0151 NN0ICE- (MARS) McMurdo p/p via NN0INK (Moman-Alberta)

**** SHIPS ****

4067.5 USB 2114 NLHA- USS TARAWA wkg ICSB1 San Diego (Devendorf-CA)
 8241.5 USB 0441 NRDD- CGC DUANE wkg NMN CS Portsmouth (Shepherd-IL)
 8246a USB 0254 USS HEPBURN wkg ICSB2 San Diego (M. Jones-CA)
 8246a USB 0253 USS KITTY HAWK wkg ICSB2 San Diego (M. Jones-CA)
 8364a CW 0146 SWJP- ESSO TORONTO clg WCC Chatham Radio (Blaize-LA)
 8364a CW 0143 FNUZ- PIERRE FOULAIN clg WPA Port Arthur Radio (Blaize-LA)
 8364a CW 0140 4XXO- TIMNA clg WCC Chatham Radio (Blaize-LA)
 8365a CW 1106 UPZB- AKADEMIK FILATOV QRK with CLA Havana (Alexander-IA)
 8984 USB var. USS DASH clg/wkg COMSERON (Alexander-IA) (Blaize-LA)
 8984 SSB 1403 NPIN- CGC CHILULA wkg CGC CHEROKEE (Blaize-LA)
 8984 SSB 1432 USS FEARLESS clg COMSERON (Blaize-LA)
 8984 USB 0341 USS DASH wkg CGC TANEY, COMSERON & Foxtrot 8 Romeo (Fitzgerald-RI)
 8984 SSB 0400 NRDD- CGC DUANE clg CGC CAPE SHOALWATER (Blaize-LA)
 8984 USB var. NSDT- CGC CAPE SHOALWATER wkg CGC DILIGENCE (Alexander-IA)(Stone-ONT)
 12336.2 USB 0206 SS NORWAY tfc with WOO Ocean Gate Radio (Ehret-PA)
 12367.2 USB 0558 H3LV- SEA LION I clg Scheveningen Radio DU/OM (Ehret-PA)
 12367.2 USB 0607 PJII- NORTH POLE clg Scheveningen Radio EE/OM (Ehret-PA)
 12401.3 USB 0511 GXDE- RN Warship SCYLLA clg Portishead Radio (Ehret-PA)
 14792 CW 0021 RMBO- Soviet Navy Vessel wkg RIW Khiva Naval R. RR/coded (Chinsky-NY)
 16463.1 USB 1629 GYQG- RN Warship ACHILLES clg Portishead Radio (Ehret-PA)
 16463.1 USB 0352 SFMN- RIGOLETTO clg KMI San Francisco Radio (Ehret-PA)

**** AIRCRAFT ****

4746 USB 0338 GULL 13 p/p via MacDill to Mather Monitor (Carson-WV)
 5610 A3H 0541 AIR FRANCE 54 wkg Shanwick Aeradio (M. Holmes-IL)
 5638 A3H 0342 SPEEDBIRD 279 wkg Gander Aeradio (M. Holmes-IL)
 6540 A3H 0019 AEROMEXICO 450 wkg New York Aeradio (M. Holmes-IL)
 6540 A3H 0110 OK628 (Czechoslovak Airlines) wkg Boyeros Aeradio EE/OM (Chinsky-NY)
 6750 USB 0407 MAC 60151 p/p to Format via MacDill AFB (Carson-WV)
 6750 USB 0332 GULL 13 p/p to Miami Monitor via MacDill AFB (Carson-WV)
 8854 A3H 1215 BANGLADESH 080 wkg Tokyo Aeradio EE/OM (Chabak-AZ)
 8882 A3H 0216 SPRINGBOK 237 clg Abidjan Aeradio EE/OM (Fitzgerald-RI)
 8889 A3H 0452 AEROMEXICO 423 wkg New York Aeradio (M. Jones-CA)
 8889 A3H 0109 CLIPPER 98 wkg New York Aeradio (M. Holmes-IL)
 8945 A3H 0534 AEROFLOT 344 wkg Santa Maria Aeradio EE/OM (Aucoin-LA)
 8945 A3H 0149 AEROFLOT 333 wkg New York Aeradio (Aucoin-LA)

8945 A3H 0129 IBERIA 942 wkg New York Aeradio (M. Holmes-IL)
8959 A3H 0442 AMERICAN 459 wkg New York Aeradio (M. Jones-CA)
8959 A3H 0124 SABENA 487 wkg Khartoum Aeradio- EE/OM (Fitzgerald-RI)
8989 USB 0305 KING 61 wkg CS San Francisco (Aucoin-LA)& later McClellan AFB CA
8989 USB 0407 GULL 23 wkg Mather Monitor via MacDill AFB p/p (Shepherd-IL)
8990 USB 0035 SAUDI 9499 wkg Jeddah LDOC EE/OM (Chinsky-NY)
8993 USB 0120 SCOTT 17 p/p to McGuire CP via MacDill AFB (Ricciuto-NY)
8993 USB 0445 MAC 60145 clg MacDill AFB (Aucoin-LA)
8993 USB 0503 MAC 60149 wkg MacDill AFB (Shepherd-IL)
10017 A3H 2140 VARIG 72 wkg New York Aeradio (M. Holmes-IL)
11179 USB 1900 NAVY 59889 wkg MacDill AFB (Carson-WV)
11233 USB 2305 Canadian Military 3917 wkg Trenton Military (Shepherd-IL)
11234 USB 1315 MAC 90007 wkg Diego Tower (Chabak-AZ)
11246 USB 1627 KING 52 wkg Homestead AFB via MacDill p/p (Shepherd-IL)
11246 USB var. TEAL 37 wkg Miami Monitor via MacDill p/p (Shepherd-IL)(Chabak-AZ)
11367 A3H 1507 DELTA 807 wkg New York Aeradio (M. Holmes-IL)
13201 USB 0556 SWAN 60 p/p via Andersen AFB to Swan Monitor (Chabak-AZ)
13264 A3H 0344 KOREAN AIR 984 wkg Anchorage Aeradio (Chabak-AZ)
13288 A3H 0501 CARIBBEAN 004 p/p to Lakar OPs via Gatwick & San Juan (Narva-MD)
13328 A3H 1447 WEST INDIAN 7900 wkg New York Aeradio (M. Holmes-IL)
15015 SSB 2357 ARMY 22940 wkg Scott AFB (Pickard-IL)
15015 USB 0016 MAC 21835 wkg Raymond 09 via Albrook AFB (Chinsky-NY)
15048 USB 1732 AIR FORCE ONE wkg AFCC via Crown & Andrews AFB p/p (Russell-KS)
17941 A3H 1612 AMERICAN 652 wkg New York Aeradio (M. Holmes-IL)

**** TACTICAL ****

3237 USB 0254 FLEET CONTROL wkg HOTSHOT METHOD 14 (Stock-CO)
4435 USB 0136 ARIZONA PETE wkg DELTA 5 (Stock-CO)
4440 USB 0056 313 BASE wkg 313 ALPHA 6 (Stock-CO)
4486 USB 1330 MASTADON COMM p/p to NASA/MERRITT IS. via ABNORMAL 20&10 (Chabak-AZ)
5080 USB 0308 QUEBEC JULIET wkg FLEET CONTROL (M. Jones-CA)
5154 USB 0302 FOXTROT 7 ALFA wkg FOXTROT 7 ALFA 51 (Stock-CO)
5700 USB 1256 ABNORMAL 20 (SAMTO-Wheeler AFB) wkg MASTADON COMM (Chabak-AZ)
6697 USB 0319 YANKEE 9 ECHO wkg DRUMBEAT via MIKE 5 VICTOR (Shepherd-IL)
6756 USB 0400 BUTTERFLY wkg Andrews AFB MD (M. Jones-CA)
6761 USB 0058 RADIX 73 wkg ACCORDIAN (Chinsky-NY)
6800 USB ---- RED DOG BASE wkg RED DOG 1 & 2 (Handler-IL)
6800 USB ---- BIRDWATCHER wkg KING 2143, BARGE 44, BINGO 82, BOSCO 19 (Handler-IL)
6991 LSB 1415 58 ZULU 5 wkg 58 ZULU 4 (Stock-CO)
8964 USB 1117 FIRESIDE 3(Shaw AFB) wkg Hickam AFB HA (Chinsky-NY)
8972 USB 0016 5 ALFA XRAY clg 6 QUEBEC ROMEO (Chinsky-NY)
8975 USB 0345 BURNING BUSH wkg a/c ECHO NOVEMBER 251 (Chabak-AZ)
8984 USB 0012 COMSERON (Commander SE SQ.-USCG) wkg CGC DILLIGENCE (Fitzgerald-RI)
8984 USB 0245 PAPA 0 QUEBEC wkg COMSERON (Hess-OH) COMSERON QTH-KEY WEST CG Base
8984 SSB 0415 GOLF 3 XRAY clg HERSHEY (Blaize-LA)
8984 USB 0214 COMSERON wkg UNIFORM 5 YANKEE (Hess-OH)
8984 SSB 1440 INDIA 0 TANGO clg HERSHEY (Blaize-LA)
8984 USB 2350 LUCY wkg BABY DOLL (USCG surveillance operation) (Chinsky-NY)
8984 SSB 0150 OSCAR 4 PAPA wkg COMSERON (Blaize-LA)
8984 USB 0355 COMSERON wkg PAPA 0 QUEBEC (Fitzgerald-RI)
8984 USB 0920 COMSERON wkg USS DASH (Alexander-IA)
8993 USB 0052 ALFIE clg MacDill AFB for r/c (Chinsky-NY)
8993 USB 0049 RIOT 60 wkg MacDill AFB (Chinsky-NY)
8993 USB 2326 AGAR 22 wkg ARIA CONTROL via Ascension p/p (Chinsky-NY)
9014 USB 1437 RAYMOND 07 (Cannon AFB NM) wkg AIR FORCE 63111 (Russell-KS)
9018 USB 0259 HILL 79 wkg KNOT CONTROL via Andrews AFB p/p (Russell-KS)
9018a USB 0453 SILO CONTROL wkg CONTROL (Carson-WV)
9020 USB 0037 BIG CAR wkg MacDill AFB FL (Chinsky-NY)
9027 USB 1715 FOG HORN with Foxtrot b/c (Chinsky-NY)
9027 USB 0559 GLADIOLA with Foxtrot b/c (Carson-WV)
9023 USB 1331 HUNTRESS (NORAD-Malmstrom AFB) r/cing with ADOPTED (Chabak-AZ)
9023 USB 1240 JOCKEY wkg GOLIATH (NORAD-Duluth IAP) (Chabak-AZ)
9023 USB 0415 ARIZONA PETE (Luke AFB) wkg EXCLUDE (Shepherd-IL)
11182 USB 1050 HEAD DANCER wkg SOUP CONTROL via Scott AFB p/p (Chinsky-NY)
11182 USB 2051 DEMON 03 (RF-4) p/p to RAYMOND 28 via Scott AFB (Devendorf-CA)
11196a USB 0252 TANGO 4 wkg 5 VICTOR & OSCAR YANKEE (Fitzgerald-RI)
11204 SSB ---- 3 TANGO 5 INDIA (RAF) with WX b/c (Handler-IL)
11205 USB 2038 MARINE UNIFORM UNIFORM 00 clg Scott AFB (Stock-CO)
11243 USB 1036 FLINTSTONE with comms test (Chinsky-NY)
11243 USB 0143 BACKFIRE wkg CEMENT (Shepherd-IL)
11267 USB 1638 9 MIKE WHISKEY wkg 1 ZULU DELTA (Ricciuto-NY)
11494 USB 1804 HIS(?) INDIA wkg EXPLORER & CALGONE (Russell-KS)
13204 USB 1620 BOOKSHOP wkg BISON, DINGBAT, SAVANNAH, APACHE, BOULDER & JUGHEAD (Shepherd-IL)

13241 USB 0607 DYNAMITE wkg FIREHOUSE (Pickard-IL)
 13244 USB 1720 SUNDANCER wkg RAYMOND 21 via MacDill AFB p/p (Shepherd-IL)
 13247 USB 1735 ABRIGDED wkg GERMINE via Andrews AFB p/p (Shepherd-IL)
 15015 USB 1540 HEAD DANCER wkg RAYMOND 01 via Scott AFB p/p. (Chinsky-NY)
 15018 USB 0013 TRIPOD wkg Elmendorf AFB AK (Chinsky-NY)
 15041 USB 1744 FARM BOY with Skyking b/c (M. Jones-CA)
 20740 LSB 2131 SHUT DOWN p/p to PREFORM via LONGBOAT (Devendorf-CA)

**** NUMBERS/BEACON ****

3090a AM 0123-0134 SS/YL 5dgps "ATT 873-55/70" -06Sept80 (Munster-GA)
 3218 AM 0343-0354 GG/YL dbl 5dgps Achtung 42 -05Sept80 Ende (Munster-GA)
 3258 AM 0406-0413 GG/YL dbl 5dgps Achtung -- -05Sept80 Ende/melody (Munster-GA)
 4670 -- 0427-0439 SS/YL dbl 4dgps -09Sept80 Fin (Pettit-IA)
 5133a AM 0617-0626.5 SS/YL 5dgps "ATT 292-86" -29Sept80 Final X 2 (Chabak-AZ)
 5762a AM 0601-0610.5 SS/YL 5dgps "ATT 292-86" -29Sept80 Final X 2 (Chabak-AZ)
 7418 AM 0515-0520 SS/YL 5dgps "ATT 476-55" -18Sept80 Finale X 2 (Munster-GA)
 7868a AM 0304-0306 SS/YL 5dgps -09Sept80 Final X 2 (Shepherd-IL)
 8871a AM 0815 SS/YL 5dgps -18Sept80 (???????)
 9040 -- 2238-2250 EE/YL 5dgps (gps in 3 & 2's) -01Oct80 (Pettit-IA)
 9074 AM 0103-0110 SS/YL nogps 012 X3/1 to 0 -19Sept80 (Munster-GA)
 9074 AM 0111-0143 SS/YL 4dgps 180 x 3 then gpe19Sept80 (Munster-GA)
 9075 AM 0010 SS/YL 4dgps 431 3 3/1 to 0 -10Sept80 Fin (Chinsky-NY)
 9269 AM 0105 GG/YL 5dgps -11Sept80 Ende (Stone-ONTARIO)
 9462 AM 0916-0924 SS/YL 5dgps -25Aug80 Final X 2 (Faccioli-URUGUAY)
 12209a AM 0406-0417.5 GG/YL dbl 5dgps -15Sept80 tone pulse (Chabak-AZ)

NOTE: It is the standard practice for the SS/YL 5dgps AM xmsns, to repeat the first xmsn.
 (see 5762khz then repeat on 5133khz)2nd xmsn begins +3 to 8 minutes after final X 2...

6913a CW 1317 "Q" beacon - slow morse-4 seconds to complete letter (Chabak-AZ)
 7714a CW 0620 "Q" beacon - very slow morse-7 sec to complete letter (Chabak-AZ)
 7902a CW 0142 "W" beacon - repeated once every 5 seconds (Chabak-AZ)
 8646 CW 1203 "F" beacon - slow morse behind FUJ V Mkr (Chabak-AZ)
 9045 CW 1030 "K" beacon - (Chinsky-NY)
 10254a CW 0535 "Q" beacon - repeated once every 2 seconds (Chabak-AZ)

**** UNIDENTIFIED ****

8058.7 RTTY 0306 ACF-with fox test 66/850r (Osterman-KY)
 8483 CW 1210 VLF- CQ Mkr (Australia??) (G. Thompson-NM)
 9025a CW 0129 ICKY- RR/coded tfc (Warsaw Pact exercises???) (Chinsky-NY)
 9025a CW 0038 TBGFU- RR/coded tfc (like the above) (Chinsky-NY)
 11293a CW 1240 XB XB- repeated once every 25 seconds (Jammer??) (Chabak-AZ)
 12207 RTTY 2351 MEY- test tape 66/850r (RAF???) (Osterman-KY)
 12950 USB 0100 EE/YL repeating VICTOR BRINGMAT-BRAVO-ZERO (Stone-ONTARIO)
 15135 CW 2150 CA - repeated every 30 seconds (Jammer???) (Pettit-IA)
 15475 CW 1928 PYS- QRU Mkr (foreign ministry/intel sta???) (Chinsky-NY)
 16582a USB 1828 ENGLISH HARBOR RADIO clg GOLDEN HORN (Canada/nfld??) (Ehret-PA)
 17820 CW 1815 VG VG - behind Radio Canada b/c (Pettit-IA)
 18880a CW 1909 WAS-(NOT Duluth Marine R.!) foreign ministry/intel sta? (Chinsky-NY)
 20563.4 LSB 1830 KB2XLB- EE/OM wkg unid sta (Pasadena CA??) Russell-KS)
 25100a FM 1800 2-way land mobile tfc -oil drilling co. trucks-near Lamesa TX
 (G. Brown-IL)

**** RADIOTELETYPE ****

CANADA: 7940a 0536 VDD- Debort Military - Fox test 60/???n (Osterman-KY)
 CANAL ZONE: 22810 1839 NBA- USN Balboa Test tape 66/850 (Devendorf-CA)
 CAPE VERDE IS: 14507.9 0306 D4B- Sal Air - WX b/c 66/850n (Stein-NJ)
 CYPRUS: 18143 1338 KWS78- US Embassy Nicosia- Fox test-100/425n (Stein-NJ)
 CZECH: 13597.5 1442 OL12- CETEKA Prague NX/SS 66/425r (Stein-NJ)
 DIEGO GARCIA: 13484 1234 NKW- USN -CQ/met tape to Mauritius 66/850n (Osterman-KY)
 ECUADOR: 16704a 0335 HDN- Ecuadorian Navy- RY 66/425n (Stein-NJ)
 EGYPT: 10150 2236 SUA246- MENA Cairo- NX/AA 66/425r (Stein-NJ)
 ETHIOPIA: 11114.3 0132 ETD3- Addis Ababa- RY into WX (Alexander-IA) 66/425r
 KOREA, NORTH: 14568.1 1254 HML60- KCNA Pyongyang-66/425r-FR. KCNA press run (Osterman-KY)
 KUWAIT: 20157 1306 9KT372- KUNA Huban - NX/AA 66/425n (Stein-NJ)
 MARTINIQUE: 16106.5 2030 FZP61- AFP Ft. de France- NX/FF 66/425 (Alexander-IA)
 NEW ZEALAND: 11130 0444 LZL22- RNZN Himatangi- coded metro 66/850r (Osterman-KY)
 NIGERIA: 21792.8 1245 5NK- Kano Metro- 66/170r-DE 5NK 5NK RY QAP (Stein-NJ)
 PAKISTAN: 19478 1418 4UA- ?? Rawilpindi - FF/telgrams- 66/425n (Stein-NJ)
 SAUDI ARABIA: 14372 2040 HZ3-(ID/QTH unkn)- RY tape 50/425n (Kiewit-HOLLAND)
 SOUTH AFRICA: 25450 1506 RSVI- RSA Navy Capetown- Fox test- 66/850r (Stein-NJ)
 SUDAN: 16091.6 0326 STK- Khartoum Air - RY tape- 66/425r (Stein-NJ)
 U.S.A.: 12786 2024 NMG-USCG New Orleans wkg WTER(simplex)100/170 (Devendorf-CA)
 U.S.S.R.: 12799.5 0645 UKA- Vladivostok- RR wkg AZAHAROW 66/170r (Devendorf-CA)
 U.S.S.R.: 13504a 0207 UHY-Soviet Artic Metro-Tiksi-RY to QSZ Dickson 66/425r
 (Osterman-KY)

AIRCRAFT: * RED CROSS # 94 ltr in 7 days via Geneva Switz. (Russow-W. Berlin)
 * GULL Ø3 (WC-130) PFC in 10d for MS 6.750khz (Chinsky-NY)
 * CANADIAN RESCUE 328 (C-130E) PFC, ltr & sq. seal-30d for 1 IRC- 11.233khz (Chabak-AZ)
 * TEAL 23 (WC-130) PFC in 12d for MS 9.014khz (Chinsky-NY)
 * US NAVY LIMA ALFA 674 (P-3) ltr in 5days for MS 8.993khz (Chinsky-NY)

SHIPS: USS NIMITZ (aircraft carrier) PFC, ltr in 12d for MS-5.696khz (Coleman-MA)
 * GVAM - STRATHDOON (cargo) ltr in 21 days 500khz (Holbrook-MD)
 * GTOQ - MANZANARES (fruit carrier) ltr in 4months 16.755khz (Holbrook-MD)
 * WSLF - GLOMAR ATLANTIC (research drill ship) PFC, ltr, photo in 102d-22015.5khz (Mason ONT)
 * PJKJ - DAPHNE (tanker) PFC, ltr, pic in 72d for 1 IRC 2.182khz (Mason-ONTARIO)
 * CGBL - THOMAS CARLETON (Canadian icebreaker) PFC, ltr, pic in 62d for MS 2.182khz (Mason)
 * VKSE - STIRLING RANGE (bulk carrier) PFC in 69d for 1 IRC- 22.294khz (Mason-ONTARIO)
 * USLI - IVAN FRANKO (USSR cruise ship) PFC, ltr, pics in 42d- 22015.5khz (Mason-ONTARIO)
 * PHRG - SMIT SALVOR (Dutch ocean tug) PFC, ltr, pics in 83d-1 IRC-2.182khz (Mason ONT)
 * OGGJ - WALTER E. FOSTER (Can. icebreaker) PFC, ltr, pic in 23d-MS 2.182khz (Mason ONT)
 * ZTCN - NEDERBURG (So. African container) PFC, ltr, pic in 126d for 1 IRC- 16491khz (Mason)

ANGOLA: D3E3- EPTEL- Luanda R. PFC, ltr in 68d for IRC 13.023khz (Saito-JAPAN)
 ARGENTINA: LQJ21 - US Embassy Buenos Aries- ltr in 9d 20.885khz (Russow-W. BERLIN)
 AUSTRALIA: VIP5 - OTC Perth earth satellite cd & PFC in 35d for 2 IRC (Walters-NJ)
 VNG- Time sta f/d QSL folder in 19d for 3 IRCs (Bledsoe-MO)
 BAHREIN: A9M- C&W Manama f/d cd in 39d for IRC 12.709khz (Saito-JAPAN)
 BELGIUM: Oostende Radio f/d B&W cd in 114d for IRC 2.182khz (Enret-PA)
 CANADA: VCS- Halifax CG Radio- f/d photo cd, ltr in 116d for IRC 16948.5 khz (Saito-JAPAN)
 COCOS IS.: AOTC Cocos ltr in 30d 21.955 khz (Russow-W. Berlin)
 COLOMBIA: 5K0225 - USMILGP Bogota PFC in 135d 10.935 khz (Russow-W. Berlin)
 AGAØBO- (MARS) Bogota PFC in 105d 13.975 khz (Russow-W. Berlin)
 COSTA RICA: T12USA- US O.D.C. San Jose PFC in 90d 13.950 khz (Russow-W. Berlin)
 TIM- Limon Radio PFC in 33d for 2 IRC-SSrpt- 13.100 khz (Walters-NJ)
 DENMARK: OXZ6 - Lyngby Radio B&W cd in 32d for 2 IRC - EErpt 12.916 khz (Walter-NJ)
 ENGLAND: GYA- Royal Navy PFC, ltr in 36d for 2 IRC 8613.235 Khz (Walters-NJ)
 FRANCE: FUE-French Navy Brest PFC in 10d for IRC- FF rpt 9.015 khz (Chinsky-NY)
 FTN87 - Time sta Paris- QSL cd - 13.873 Khz (Toia-ITALY)
 GREENLAND: Thule AFB- PFC in 13d for MS 8.967 khz (Chabak-AZ)
 GUAM: ATE- Andersen AFB ltr in 41d 11.176 khz (Russow-W. Berlin)
 NPN- USN Agana f/d cd in 39d for IRC 18321.5 khz (Saito-JAPAN)
 GUATEMALA: TDMG3- USMILGP Guatemala PFC in 105d 13.950 khz (Russow-W. Berlin)
 IRAQ: YIR- Basrah Control Radio f/d QSL cd in 22d for IRC 16.906 khz (Saito-JAPAN)
 ITALY: IAR- Rome Radio ltr in 121d for IRC EE rpt 17160.8 khz (Conway-ENGLAND)
 IQX- PTT Trieste PFC in 6mo for 2 IRC EErpt 8.679 khz (Walters-NJ)
 ICB- Genova Radio ltr in 119d for IRC EErpt 17.182 khz (Conway-ENGLAND)
 JAPAN: NRT- LORMONSTA Yokota Monitor PFC in 15d for MS 10523.6 khz (Chabak-AZ)
 LEBANON: ODR3- Beirut Coastal Radio f/d FF cd in 48d for IRC 8.702 khz (Saito-JAPAN)
 MACAU: XXP48- CTT Macau f/d cd in 16d for IRC 9940.75 khz (Saito-JAPAN)
 MAURITIUS: 3BM6- Mauritius Radio ltr in 54d for IRC 16978.5 khz (Saito-JAPAN)
 MEXICO: XPM- Manzanillo Radio f/d SS ltr in 32d for IRC 8568.5 khz (Saito-JAPAN)
 PANAMA: FAA Balboa ltr in 20d 6.540 khz (Russow-W. Berlin)
 PORTUGAL: CUL24- CPRM Lisbon photo cd in 44d for 2 IRC EErpt 22.479 khz (Walters-NJ)
 PUERTO RICO: WWA3- San Juan Aeradio PFC in 9d for MS 6.540 khz (Chinsky-NY)
 SOUTH GEORGIA: ZBH Grytviken (British Antarctic Survey) ltr 75d 14.915 khz (Russow-W. Berlin)
 TRINIDAD: IAL- Piarcó Aeradio ltr in 9d 8.959 khz (Russow-W. Berlin)
 U.S.A.: Patrick AFB FL (Cape Radio) ltr in 37d 18.009 khz (Russow-W. Berlin)
 KOK- Los Angeles Radio (Cerritos) PFC in 8d for MS 8.591 khz (Chinsky-NY)
 31st Annual Armed Forces Day cd WAR-20.995, AIR-14397, NPG-20.998 (Russow-W. Berlin)
 BEACON: KU- 390khz beacon Fort George, Que pfc in 6mo after followup (Holbrook-MD)
 DEQ- 281khz Sevier Cty Airport, DeQueen AR PFC in 6mo (Holbrook-MD)
 RYP- 339khz Cumberland MD PFC in 7mo after followup (Holbrook-MD)
 YYU- 341khz Kapuskasing, Ontario PFC in 11d (Holbrook-MD)
 SUT- 233khz Brunswick Cty Airport, Southport NC PFC in 9mo/followup (Holbrook-MD)

* Any QSL buff needing Mauritius: Mauritius Radio (3BM/3/5/6) xmits daily WX bullitens (in CW) simultaneously on, 6351.5, 12988.5 & 16978.5 khz, at 0130, 0430, 0900 & 1630 GMT. During their cyclone season, additional b/c are made at 1330 & 2030 GMT. Mailing address: Mauritius Naval Radio, Dept of Telecommunications, Edith Cavell Street, Port Louis, MAURITIUS..... TNX to Saito-Japan for this data.....

* Yokota Monitor (USCG) replaced Kami Seya Monitor in Sept 79, & uses its NRT call letters. Mailing address: LORMONSTA Yokota, APO San Francisco, CA 96328.....

* QSL reports to THULE AFB Greenland: Thule Airways, Bldg 112, APO New York, NY 09023.....

* We had 49 contributors this month. Good show... Keep it up.... 73s MTC

QSL



EDITOR FOR NOVEMBER:

DON JOHNSON

EDITOR FOR DECEMBER:

CHRIS LOBDELL

P.O. Box 146
Stoneham, MA 02180

DEADLINE: 12th of the MONTH

IMPORTANT NOTICE:

IF THERE IS NO EDITOR LISTED ABOVE FOR DECEMBER, SEND ALL QSL MATERIAL EITHER TO CLUB HQS OR THE CDE! As I start this column, a new QSL editor has not been appointed. If a person has been located to take over this column by press time, the publisher will insert the QTH above. If not, your HQS person will do it once more.

ROBERT M. DONLY

As briefly mentioned last month, Bob died shortly after completing the QSL column for October. Age 51. Heart attack. A shock to all who knew him. Bob was a Broadcast TV Engineer, working for the South Carolina Educational TV Network as an audio-video supervisor. He was with this concern for 20 of his 30 years in broadcasting.

Yes, SPEEDX has lost an excellent editor. But more important, we have lost a friend. Bob was in touch with many, many hobbyists either by phone or by mail. The contact was always rewarding! I would like to quote from a memo from John Rich that sums up the feeling of all who knew Bob. John Rich is a fellow club member who worked with Bob at ETV for the past 10 years. They shared the shortwave hobby interest since 1968.

"BOB WAS ONE OF THOSE RARE PEOPLE WHOM EVERYONE LIKED"

Those are great words for a great man. One of the few truly "GOOD GUYS"!

NOVEMBER QSL COLUMN

A few notes before we get into the reports. Due to the sudden change in where to send QSL reports, and the deadline falling on a Sunday with Monday a holiday (Columbus Day), all material has not been received as I start this column. Since I have two other columns to do this month also (Keynotes and Contributors pages) I cannot postpone the starting. If the late material arrives and there is room, I will include it at the end of this column.

The last time I edited QSL was the month before Bob took over, so I hope you will overlook any errors that might creep in. Or the different format. I hope we have a regular editor for the December issue. One last thing is the matter of reports sent in. PLEASE, if for the QSL section or one of the logging sections, PUT YOUR NAME ON EACH ITEM! Cut your loggings into strips at the "X's" if using the report forms. If you hand write or type your loggings, make them about 1 1/2 inches wide and also include your name on each one. Handy report form for the various sections are available from HQS for just 4¢ each. We encourage the use of these forms. All reports that follow were made in English unless otherwise noted. We'll start with Africa.

A E R I C A

EGYPT RADIO CAIRO 9475, b/w photo of hotel (I think) in 43d for no rp by air. Sent sked. (Steve Heyman NY) 12050, f/d card in 75 & 112 days of Nile & BC building. No rp and 1 IRC sent (Howard Huddleston TX) (Duke Crawford CA). In all cases, "Rita" is the v/s. Is this the same person or just a 'code name'? Its been used for years.....dj

GABON RTVG, 4777, date/time card in 45d for FF report and 2 IRCs. Map cd w/sked in FF. One follow up required. (Marge Witte CA) Good catch for a YL Marge, hi!....dj

IVORY COAST R/Ivorieenne, 7215, f/d card in 60d for FF report and 2 follow ups. B/w map logo cd. 2 IRCs sent. (Marge Witte) Pays to be persistent huh?....

KENYA VOICE of KENYA 4915, f/d blue Aerogramme came in 53d air. No rp. v/s Indrajit Kaura. (Dan Faccioli Uruguay) Nice catch down there Dan.....dj

MADAGASCAR RADIO NEDERLAND 21480, f/d card for 1 IRC in 17d air. "Regalia cd"-symbol of Monarchy. (Hank Holbrook MD) Have you run out of ships to QSL Hank?.....hi!.....dj

MOROCCO VOA TANGIER 15245, f/d "American Satellite" cd in 13d for no rp. v/s Wayne Greene (Clarence Maise LA) good catch on this frequency OM!.....dj

NIGERIA VOICE of NIGERIA 11770, f/d "Remembrance Arcade with Tafawa Balewa Square, Lagos" cd rec'd in 61d air for no rp. Sent along the latest pgm sked. (Mark Chinsky NY)

SEYCHELLES FEBA 11860, no data reception card by air for 3 IRCs & 2 local postcards. "QSLs to target areas only". So much for attempted "bribes" by sending rp & PCs. (John Westbrook West Germany) Don't give up John. Try to find something nice to say about their BC and hope to have a different person open your report.....dj

SIERRA LEONE SLBS 5980, f/d letter in 70d air for 2 IRCs. v/s H.A. Lynch (Mark Eramo MI) Same in 56d for no rp (Dan Faccioli Uruguay) Date/freq letter in 102d for mint stamps by air. v/s Joseph Rhodes (Charley Hoffman PA) Blue Aerogramme f/d in 64d. No rp. v/s A.C. Ellis. (Dan Faccioli Uruguay) Four reports...three different v/s signers?

SOUTH AFRICA RSA 25790, f/d "sunset & Silhouette" cd in 28d air, no rp. (R.L.J. Coleman MA) 15220/17780 same cd in 23d (Hank Holbrook MD) 15220 same card by air in 36d (Bill Miller CA) 21535 same cd in 15d via air (Clarence Maise LA) RADIO 5 3250, f/d Industrial cd in 20 days air for 2 IRCs. v/s A Vanwyk(?) (Clarence Maise LA)

SWAZILAND RADIO SR 6155, f/d cd in 20d air for no rp. Swazi female w/baby on back & warrior hunter. v/s Bill Cookson. (Dan Faccioli Uruguay) another nice catch Dan....dj

TANZANIA R TANZANIA 4785, date/freq cd in 50d sfc for 1 IRC. (Bob Raymond MA) While the card is the usual, we have not had one on this freq for awhile. This time we will show the veri-side instead of the "Sauti Ya Tanzania" side. See to the right side.....dj

TOGO RTV TOGOLAISE 5047, f/d cd in FF for EE report in 44 days. Money sent. (Norman Hill VA) f/d map logo cd in 43d by air for 2 IRCs. Reported in FF.

(Alberto Lecuona Argentina) Alberto, please put your name and QTH on each logging. It will save our overworked staff much time & labor. Thanks.....dj

UGANDA UBC 15325, f/d "Studio Complex" cd in just 1 year 6 months by air for 2 IRCs and 2 follow ups (Clarence Maise LA) same cd for 15250 kHz in a mere 382 days by sfc for 2 IRCs. v/s David Buga. (Gordon Blom NY) A handwritten note on Gordon's cd said "P'se tune on freq. 15325 at 0300 hrs GMT". Gordon sent a copy of QSL but the quality is such that it will not re-produce. We have not run a Uganda QSL photo for awhile.....dj

ZIMBABWE ZBC 3396, date only letter in 48d air for no rp. v/s D. Woodwari. (Dan Faccioli Uruguay) Well gee Dan, you got a f/d cd a few months ago. Don't be sad, hi!.....dj

Dear Sir,


Thank you for your reception report dated 08.50 on our 4785 Kc/s transmission which is confirmed

Power 50 Kw

Aerial BROAD BAND
CLARENCE MAISE LA

Yours faithfully,
Alberto
CHIEF ENGINEER.

RADIO TANZANIA
P.O. Box 9191
DAR ES SALAAM TANZANIA



BOB RAYMOND
25-11 VICTOR STREET
HAVERHILL
MASS. 01880

Well, I managed to mess up this page. Sorry about that. I'll tighten up the format on the next page. A few seem to have missed the mention as to where to purchase mint stamps for foreign countries in last month's issue. DX STAMP SERVICE, 7661 Roder Pkwy., Ontario NY 14519. Send a SASE for info.

EUROPE

ALBANIA: Radio Tirana 7300, f/d "Haut leve L'esprit Revolutionnaire" cd in 2 years by air for 2 IRCs and 3 follow ups (Clarence Maise LA)

AUSTRIA: ORF 12015, f/d "Moosbrunn SW Tx" cd in 42d air (Rex Whetzel IN)21655 & 12015, f/d "Contemporary Art" cds in 63-67d air. (Vladimir Cucura PA)(George Slovinski CA)

BELGIUM: BRT/ORU 15385, f/d cds air in 23-48d, no rp. "Market Square", "Entrance of the Beguinage", "Halls & Towers of Belfry". (Leslie Byron NY)(Steve Heyman NY)(+decal and pennant, Charley Hoffman PA)(St Peter & Paul's Church, Whetzel)(Orange colored fom letter, 6010 f/d, John Westbrook Gemany)

BULGARIA: Radio Sofia 15330, f/d cds air in 40-77d. "Monument to the Soviet Army". "Pam-porovo in the Rhodopes". (Duke Crawford CA)(Mark Curnell OR)(Vladimir Cucura PA)

CZECHOSLOVAKIA: Radio Prague 11990, f/d "Castle at Gesky" cd by air in 59d, no rp (Steve Heyman NY)b/w photo of old building for 1 IRC in 78d. f/d. (Mark Curnell OR)

DENMARK: Radio Denmark 15165, f/d "Radiohouse Aerial Tower" cd by air in 24d. v/s Burke Baug. Also sent sked & brochures. (Randy Moss CA)

FINLAND: Radio Finland 11755, 15210, 15265, 15400, 15430, 21475.nb/d cds by air in 30-116 days. "Tapiola Garden City" for 1 IRC (Greg Shepherd IL) same cd, no rp (Mark Curnell OR) "Winter in Finland", no rp (John Vockerth NJ)"Spring in Finland" (Dan Faccioli Uruguay) "Finlandia Hall" (John Westbrook Gemany)"Tapiola Garden City" (Amelio Toia Italy) Map & pic of man blowing glass (Fred Johnson IL)Architecture in Finland(Steve Heyman NY)

FRANCE: RFI 21515, f/d aerial photo of Palais des Congres cd in 18d air. No rp. FF report. +bumper sticker(Bob Coleman MA)21595 f/d cd 16d air, +stickers(Vladimir Cucura PA)

GERMANY(DEM. REP.) RBI 9730, f/d 25th Anniversary cd by air in 46d (Gordon Blom NY)21540 same cd in 49d (Hank Holbrook MD)11840 same cd in 35d +RBI Journal & sked (Duke Crawford CA)9730, Part 1 of 30th Ann. cd in 46d (David Jones VA)11975 "Map-Industries cd in 60d(Wheeler Conover KY)No rp sent by any

Thanks to
Duke Crawford
for this
RBI card

GERMANY(FED. REP.):Deutsche Welle 15105, no/d Logo cd in 104d air (Fred Johnson IL)21600 date only sunflower & poppies cd in 40d. 6100 date only cottages cd in 40d. v/s G.G.Thiele (Jones VA)

GREAT BRITAIN: VOA Wooferton,15205 "Americom Satellite" f/d cd in 16d. No rp. v/s Wayne Greene. 7200, same cd in 16d surface, (Norman Hill VA)(Kevin Davidson SC)

GREECE: Voice of Greecs 11730 f/d "Rhodes Beach" cd in 42d sfc. No rp (Greg Skora Ontario)9655 same cd for SS re by air in 64d (Fernando Gonzalez NY)11860

same cd in 37d sfc (John Westbrook Gemany)11730 same cd in 43d air +sked (Mark Curnell OR)9615 f/d "Chios" cd in 50d air no rp. Reported in SS(Alberto Lecuona Argentina) VOA Kavala 21490 f/d "Americom Satellite" cd in 10d for no rp. (Kevin Davidson SC)

HOLLAND: Radio Nederland 6165 f/d "Regalia of Queen Beatrix" cd in 21d air. no rp. Also sent pennant & sticker (Tony Kobylski MD)17605 "Girl in Authentic Costume" f/d cd in 33d for no rp (Gordon Blom NY)

MONEY MAY TALK, BUT TODAY'S DOLLAR DOESN'T HAVE ENOUGH CENTS TO SAY MUCH!

International 25 Jahre Radio Berlin International 25 år Radio Berlin

RADIO BERLIN INTERNATIONAL

25 años Rádio Berlin Internacional Radio Berlin International a 25 años

25 år Radio Berlin International

International 25 años de Radio Berlin Internacional Radio Berlin International - Jhaka 25

HUNGARY: Radio Budapest 17710, f/d "RBSWC" cd in 30d air for 1 IRC (Thomas Yingling MD) 9835 same cd in 60d air, no rp(Wheeler Conover KY)1710 "Pic of Earth from Space" cd in 65d sfc. No rp(George Slovinski CA)17710 "Logo-Globe" cd in 26d air. No rp (Moss CA)

ITALY: RAI 11800 f/d "Castle Painting by Giorgione" cd in 148d air. No rp(Steve Heyman NY) 11800 f/d letter in 41d air ((No name on logging!) Shame.....dj

LUXEMBOURG: Radio Luxemburg 6090, f/d "Shield-Antennas" cd: by sfc. No rp in 53d(John Westbrook Germany) same cd in 210d air for 2 IRCs(Conover KY) same in 19d(Conover KY)

MALTA: Xandir Malta 9670, f/d ltr in 30d air for 1 IRC(Yingling MD)DW Relay 9565, freq only cd in 60d air for 1 IRC(Yingling MD)DW 6100, date only cd in 38d air. Landscape cd. (Glenn Thompson NM)

MONACO: TWR 9495, f/d air view of Monte Carlo cd in 22d air for 1 IRC. +bright orange pennant(Charley Hoffman PA) same cd in 30d sfc for 2 IRCs(John Westbrook Germany)

NORWAY: Radio Norway 25730, f/d "Spring Blossoms" cd in 17d air for no rp(Gordon Blom NY) 21730 "Winter in Norway cd in 30d(Vockeroth NJ)11870 f/d in 16d air for 1 IRC. +Sked, travel folder and flag(Duke Crawford CA)

POLAND: Radio Polonia 7270, 9525, 11815, 15120 "Lazienki Park" cd in 45d air, no rp. +sked and club info(Ralf Munster CA)7145, f/d "Tazienki Park" cd in 28d air. No rp(Holbrook MD) 15120 new Radio Polonia cd in 70d air. No rp(Heyman NY)15120 Warsaw view cd in 43d air for 2 IRCs(Slovinski CA)11815 same cd for no rp,+report forms(Tony Kobylski MD)

PORTUGAL: Radio Portugal 15125, 11925, f/d "Art" cds in 21-63d air for no rp. (Cucura PA) Davidson SC)(PP report, Mark Chinsky NY)

ROMANIA: Radio Bucharest 9690, 9570, "Spa" series cds. F/d, no rp (+Blue pennant in 142d Gordon Blom NY)(28d, Larry McKinney PA)120d,+diploma of RB(Leslie Byron NY)

SPAIN: Radio Exterior Espana 11880, f/d painting of 5 women cd in 35d air for no rp (Greg Skora Ontario)Form ltr w/date filled in. 50d air (Glenn Thompson NM) f/d cd for 1 IRC Yingling MD)9630, f/d cd in 50d sfc (Larry McKinney PA)

SWEDEN: Radio Sweden 15275, no/d map of Sweden cd in 30d air for 1 IRC(Thomas Yingling MD)

SWITZERLAND: Red Cross BC Service 7210, date/freq "World Globe-Logo"cd in 122d sfc for 1 IRC. Sent sked & info too(Dan Faccioli Uruguay)Swiss Radio 17830 f/d "Rouges Terres" cd in 55d. No rp(Blom NY)15305 f/d pic of Swiss city cd in 60d(Vockeroth NJ)15305, f/d "Forest & Fields" cd in 43d air. no rp(Greg Slora Ontario)

USSR: all are air f/d cds. No rp sent. 45-136d by air. 15100 "Red Square"(Curnell OR)9680 "Skyscraper"(Vockeroth NJ)"Bldg & Mosque"(Vockeroth NJ, 9795)11930 "Pitrowks over the Kremlin". Turkmen SSR. Said rpts should be sent in LL of BC(Walter Dittrich FL) Radio Kiev 17870, f/d cd in 60d air(Yingling MD)15180 "Lenin Museum" cd(Curnell OR) Radio Vilnius 15100, f/d plain cd for 1 IRC. + 'tons of assorted junk'(Stan Forsman CA) Small plain 1/2 post size cd in 45d(John Vockeroth NJ)

VATICAN CITY STATE: Radio Vaticana 9605, f/d "Antenna" cd in 17d air +paper pennant(Blom NY)

A S I A

CHINA(People's Rep.): Radio Peking 9860, 17680, 17855, All f/d cds, no rp by air in 11-45d

All reports in EE except for ex-editor McCurdy who says he reported in CC. Tim, your pulling my leg?dj
 "Night View of BC Bldg",
 "Tientan Park", "Chinese Art",
 "Drawing of Biologists",
 "Kumming Lake in Peking's summer Palace".(Holbrook MD) (Kobylski MD)(Skora Ont)(Blom) (Davidson SC)(McCurdy CA)(Hill) (Cuppy IN)(Heyman NY) PBS Liaoning(Manchuria)4830, f/d cd in 28d air. No rp. Via Peking(Blom NY) PBS Xizang(Tibet)9430, f/d cd in 64d air. No rp. Via Peking. (Gordon Blom NY)

Dear Mr. Blom,

We are glad to have your reception report on our program transmitted on 9480 kHz at 1100 hours-hours G.M.T. dated July 19, 1980

Your further reception reports on our broadcasts are welcome.

Xizang People's Broadcasting
Station

CYPRUS: BBC Relay 15420 date/freq ltr in 33d air for no rp. v/s G.A. Appleton. QTH, P. O. Box 219, Limassol, Cyprus. (Walter Dittich FL)

INDIA: AIR 15335, f/d "The Rath Yatra Car Festival" cd in 128d for 1 IRC. (Claude Aucoin LA)15165 f/d "Radha & Krishna" cd in 137d Air for no rp(John Westbrook Germany)11620, f/d "Radha & Krishna" & "View of Calcutta" cds in 235d & 110d sfc.4 IRC.(Huddleston TX)

INDONESIA: RRI Palembang 4855, f/d "Drawing of city" cd in 2 years 114 days! A long wait! 2 IRCs sent. v/s Djamaluddin S., Station Manager. (Stan Forsman CA)Good sho Stan!....dj

IRAQ: Radio Baghdad 9745, f/d folder cd in 53d for no rp.(Kevin Davidson SC)

ISRAEL: IBA 9815/11637 "Dead Seas Scroll" cd in 62d air(Bill Miller CA)9815, f/d pic PC of Temple Mt cd in 15d air for 1 IRC (Thomas Yingling MD)

No room to start Japan here. Do you know what an EXPERT is? That's a person who takes an idea we understand and makes it sound confusing!...Definition: DIETING. A WEIGH OF LIFE!

JAPAN: NHK 15270, 9505, 17755, 21610, date/freq or date only cds. 0-2 IRCs sent. 13-30d air replies. "Doll playing the Koto". (Hugh O'Riordan ID)(John Vockeroth NJ)(Glenn Thompson NM)(Amelio Toia Italy)
 NSB 3925, f/d "Globe in Space" cd in 13d air for 2 IRCs (Mark Schlesinger TX)
JORDAN Radio Jordan 7155 f/d purple mimeo ltr & sked in 57d air. 1 IRC (David Jones VA)
KOREA (Rep.): Radio Korea 15570, f/d "KBS Bldg" cd in 90d for no rp. + pennant (David Jones VA) 15570 f/d "anniversary" cd in 42d air, no rp (Gordon Blom NY)
KUWAIT: Radio Kuwait 21545, f/d foldout card in 129d air. no rp (John Westbrook Germany)
MALAYSIA: Voice of Malaysia 15295, f/d "Garden City" cd in 42d air. 2 IRCs (Mark Chinsky NY)
PAKISTAN: Radio Pakistan 21590, time/freq cd in 58d sfc for 1 IRC. (Hank Holbrook MD)
PHILIPPINES: FEBC 15385, f/d "Native hut on Seashore" cd in 30d air for 1 IRC (Heyman NY) 17810 same cd in 34d air for 1 IRC (Mark Curnell OR) 17810 same card in 200d sfc. v/s Zenaida Visca. (Paul Brewer TN) Should have sent an IRC paul, hi!.....dj
 Radio Veritas Asia 11955, freq cd in 20d air. 3 cds for monitor reports, plus a list of pen pals. (Bill Miller CA) VOA Tinang 6110, cd in 20d sfc. (George Slowski CA)
SARAWAK: Radio Malaysia 4950, f/d "BC'ing House" cd in 28d air for 1 IRC (Glenn Thompson NM)
SAUDI ARABIA: BSKSA 15060, no date form ltr in 118d air for 1 IRC. Reg mail. (Heyman NY)
SINGAPORE: Radio Singapore 11940, f/d "Blue Logo" cd in 60d air for 2 IRCs (Paul Brewer TN) same cd & data in 25d air for 1 IRC (Mark Curnell OR) 11750 BBC Relay no data (Schlesinger)
SRI LANKA: SLBC 15120, f/d cd & ltr in 40d air for no rp. Special RCI & R. Monitors card. v/s is SPEEDXer Adrian Peterson. (Dan Faccioli Uruguay)
TURKEY: Voice of Turkey 15185, f/d "7 Women Dancing" cd in 50d for no rp. (Westbrook Germ)
UNITED ARAB EMIRATES: Dubai Radio 21700, f/d ltr for 2 IRCs. v/s Roland White. Apologized for earlier error in giving wrong freq on QSL. (Wheeler Conover KY)
YEMEN (Arab Rep.): Radio San'a 9780, date/freq form letter in 143-642d air for 1-2 IRCs, "many typos on form letter". (Hoffman PA)(Jones VA)(Schlesinger TX)(Ditttrich FL)(Nathan Brown NJ) v/s appears to be Hussein. Jelary/J. El-amy/Teleio may follow.....dj

O C E A N I A

AUSTRALIA: ABC Perth 9610, f/d "Map" cd in 17-28d air for 1-2 IRCs (Conover KY)(Heyman NY) (Maise LA) 9680 Lyndhurst f/d "Map" cd in 30d air for 1 IRC (Schlesinger TX) 9680, same cd in 120d sfc for no rp (Brewer TN) No return postage takes a bit longer.....dj
GUAM: KTRW 11840, f/d green/white Commemorative cd in 30d. Mint stamp (Randy Moss CA)
NEW ZEALAND: Radio New Zealand 17860, f/d "Sheep Grazing" cd in 90d for 1 IRC (O'Riordan ID) 11945, f/d "New Zealand Calling" cd in 18d for 3 IRCs (Alberto Lecuona Argentina)
PAPUA NEW GUINEA: Radio West Highlands 2450, f/d "NBC Map" cd & ltr by sfc for 2 IRCs in just 419d. v/s M.N.Kagl (Stan Forsman CA) Good catch Stan. Worth waiting for....dj
 Radio Southern Highlands 3275, f/d cd & ltr in 99d for 2 IRCs. Re in Pidgin(?) v/s Ronald Kondun. Pennant & hourly sked. Newer, yellow cd. (Marge Oakley CA) Nice going.....dj
SOCIETY ISLANDS: FR3/Radio Tahiti 15170, 11825, f/d "Nude Island Girl" cds for 1-2 IRCs by air. (217d, Gordon Blom NY) (69d for FF report, Ronald Marshall AZ) (47d, cd has wrong date, Greg Shepherd IL) (20d, Clarence Maise LA) (40d, Randy Moss CA) Sorry Ronald, the copy you sent is too light to reproduce.....dj
SOLOMON ISLANDS: 9545, f/d black/white "Logo" cd in 33d air for 1 IRC. Also sent me some stamps. (Randy Moss CA) 5020, f/d "Logo" cd in 35d air for 3 IRCs. v/s G.R. Richardson. Said mine was 1st QSL in Argentina (Alberto Lecuona Argentina) Congratulations....dj
VANUATU: 7260, f/d "Head of Slit Gong" cd in 25d air for 2 IRCs (John Fisher MA) 7260, f/d same cd in 25d for 2 IRCs (Clarence Maise LA) 3945, same cd in 47d for 3 IRCs (Lecuona)

S O U T H A M E R I C A

BRAZIL: Radio Cultura do Para 5045, QSL in 920d for 3 IRCs (Frank Pagano DC) 920d? Wow!... Radio Bras 15290, f/d cd in 30d for 1 IRC (Thomas Yingling MD)
CHILE: Radio Patagonia Chilena 6080, Color PC w/acknowledgement of reception in 21d air for 1 IRC and SS report. (Ron Howard CA) Ron sends along the QTH, which is different from the BCB QTH in WRTH for this station. Sociedad Radio Patagonia Chilena LTDA., Casilla 30-D, Coyhaique, Chile. Thanks Ron.....
COLUMBIA: Emisora Nueva Granada 6160, dat/only cd "Orange van overlooking city" for 1 IRC and SS report in 26d air (Schlesinger TX) La Voz del Cinaruco 4865, dat/only Blue/white Map cd in 525d sfc for SS report and no rp. (Toia Italy)
 Radio Guatapuri: Jose Barr passes along info from a recent ltr. Radio Guatapuri is still listed as 1 kw in WRTH. But they have been increasing power since 1963! In 1968 they had 10 kw. 1975 30 kw. Now in 1980 they have 50 kw. Thanks for the info Joe.....dj
FALKLAND ISLANDS: FIBS 2370, freq/only cd w/Falkland seal in 30d air for 3 IRCs and a tape recording. v/s Miss Mary Queen. Card #45. (Alberto Lecuona Argentina) Nice work OM! I got so worked over this report that I have it out-of-order, hi!.....dj
ECUADOR: HCJB, 22 cards for 9745, 11835, 11910. 11915, 15115, 15300, 17825, 26020. (Conover KY)(Curnell OR)(Whetzel IN)(McKinney PA)(Miller CA)(Kobylski MD)(Vockeroth NJ)(Cucura PA)(Munster GA)(Thompson NM)(Holbrook MD)
GUYANA: CBC 5950, f/d form ltr for no rp. v/s Joy Suke(?) (Hank Holbrook MD)
PERU: Radio Tropical 5950, freq/only cd in 104d. SS re & mint stamps (Charley Hoffman PA)

NORTH AMERICA

BELIZE: Radio Belize 3285, f/d "Map" cd by air for no rp. v/s N. Johnson (Tom Smith FL)
CANADA: RCI 5960, 9655, 11845, "35th Anniversary" cd(Oakley)(Kopriva)(Crawford)(Blcm)
 CKFX Vancouver 6080, date/freq "Super Country" cd in 55d. 1 IRC (Mark Curnell OR)
 CHNX Halifax 6130, f/d cd from "Canada's Ocean Playground" for 1 IRC (Yingling MD)
COSTA RICA: TIFC 5055, f/d "Logo" cd in 14-19d. 1-3 IRCs(Bill Miller CA)(Ron Marshall AZ)
CUBA: Radio Habana 17750, 11760, 11930, f/d "Morro Castle" cds in 98-163d air for no r/p
 (Robert Fraser MA)(John Vockeroth NJ)(Tony Kobylski MD)
GUATEMALA: Radio Cultural 3300, date/freq "Logo" cd in 107d sfc, 1 IRC. (Randy Moss CA)
 Radio Chortis 3380, date/freq ltr in 23d air. SS re & mint stamp (Mark Schlesinger TX)
 TGUMA/AWR 5980, f/d "Map & Logo" cd in 128d air for 1 IRC(Dan Faccioli Uruguay)
HAITI: 4VEH 11835, f/d "Singing Children" cd in 30d sfc. No rp. (Jim Evans TN)
HONDURAS: HRVC 4820, f/d "Map/Logo" cd for 1 IRC. 18 & 41d(Marshall AZ)(Moss CA)
MEXICO: Radio Mexico 5985, f/d EE/SS white cd in 53d sfc. No rp. +sticker(Curnell OR)
NETHERLANDS ANTILLES: TWR 11925, f/d "Night scene of Studios" cd in 25d for 1 IRC air
 (Crawford CA)15420 same cd. v/s J.F. Schipper. (Holbrook MD)11925, plain yellow cd, f/d.
 in 27d for 3 IRCs(Thompson NM)15350/11710 f/d cd in 16d for 1 IRC(David Jones VA)
 Radio Nederland 9590, f/d cd of Bonaire Island in 30d for 1 IRC(Thomas Yingling MD)
NICARAGUA: La Voz de Nicaragua 5950, no/d ltr from Eustasio Sanchez in 53d air for 1 IRC
 and SS report. +pennant(Curnell OR)same no/d ltr in 40d for 1 IRC & SS report(Chinsky)
USA: WINB Red Lion 15185(Yingling MD)VOA Bethany 21485(Davidson SC)VOA 15205(Vockeroth NJ)
 AFRTS Delano 25615(Yingling)KCEI (no freq)(Bledsoe MO)WYFR Okeechobee FL 5985(Holbrook)

Well gang, that's all the QSL reports for this month, right? WRONG! You didn't read the first page of this column. Our thanks to John Rich for forwarding the material sent to Bob Donly's QTH. The following completes all the QSL material received by deadline time at Donly's QTH or to HQS & CDE QTHs, for the November issue. In order to save time & space, this addendum is in alphabetical order of countries. Now onward.....

ALBANIA: R Tirana 7120, date/time "Haut Leve..." cd in 100d air. 1 IRC (Thomas Yingling)
ASCENSION ISLAND: BBC 15260, no/d cd in 24d. no rp. John Futch GA)
AUSTRALIA: Radio Australia. Printed PC saying they had suspended QSLing and other listener services. (John Futch GA)ABC/VLM9 Perth 9610, f/d "Map" cd in 22d air. (Tom Smith FL)
AUSTRIA: ORF 5945, 9770, 12015, 15290, 21655, 21740, f/d cds for 0-1 IRC in 21-110d.
 "Austrian Challenge", "Contemporary Art", "Moosbrun Tx", "Phantasmagorical Landscape"
 (Ruth, where did you dig up THAT word? Hi!...dj)(Ruth Hesch NY)(Holbrook MD)(Smith FL)
 (Thomas Yingling MD)(Bob Fraser MA)(Larry Kopriva CA)
BELGIUM: BRT/ORU 15175, 21469, f/d cds in 23-38d air for no rp, except for Hank who got
 a f/d from ltr. "Orange Logo", "St Peter's & Paul's Church", "Entrance to the Beguinage"
 "#3, Circuit...Ton, I can't read your writing....dj" (Tom Smith FL)(Hank Holbrook MD)
BOLIVIA: Radio Progreso 6005, veri statement in SS from Yamila M. de Cerruto in 210d air
 for mint stamps and SS report. Required a follow up. (Henry Lazarus LA)Good catch....dj
BULGARIA: R Sofia 11740, date cd in 33d air. No rp(Smith FL)
BRAZIL: Radio Anhanguera 4915, 2 PCs w/handwritten veri statement in PP. 21d air for mint
 stamps and PP report. +bumper stickers(Henry Lazarus LA)A new station folks. go get it!
CHINA(Peoples Rep): R Peking 17855 f/d "Night view of BC Bldg" cd in 21d air. No rp. Sent
 a R Peking lapel pin. 1st QSL in 18 years!(John Futch GA>Welcome back to the world of
 "waiting by the mailbox" John....dj. 17855, 11650, 15520 f/d cds (Tom Smith FL)
ECUADOR: HCJB 15115, f/d cd in 32d for no rp (John Futch GA)
EGYPT: Radio Cairo....disregard.....no frequency given...Bledsoe MO
FINLAND: R Finland 15165, f/d "Industry" cd in 20d air. No rp(Smith FL)15400, no/data
 audience cd in 39d air, no rp (John Futch GA)
FRANCE: RFI 21580 f/d "Subway", "Art" cds in 13-30d air. No rp(Yingling MD)(Futch GA)
GERMANY(EAST): RBI 11975, f/d "Children's Drawing" cd in 61d air, no rp(Tom Smith FL)
GREAT BRITAIN: VOA Wooferton 7200, f/d Satellite cd in 30d. No rp(Hugh O'Riordan ID)
GUAM: KTRW 15350, f/d "DX Listeners Log" cd in 25d for 1 IRC. 'I forgot stamps work just
 as well'(John Futch GA)Yes gang, you can send US postage stamp for rp to Guam.....dj
HOLLAND: RN 17605, 11930, 9895, f/d cds for no rp in 14-17d air. "Authentic Costumes",
 "Crown Jewels"(Tom Smith FL)(Hank Holbrook MD)(John Futch GA)

HUNGARY: R Budapest 9835, 11910, f/d cds "Opera Hse";RBSWC"(Smith FL)(Vockeroth NJ)

INDIA: AIR 15110, f/d "Ducks at the Delhi Zoo", "Madras Scene" cds in 150d(Tom Smith FL) 11620, f/d "Temple in Khajuraho" cd in 217d air. No rp (Ruth Hesch NY)

ITALY: RAI 17795, 9575, f/d cds, no rp, 107d(Tom Smith FL)Sorry Tom. Still can't read the writing. You need to write better or I need to read better, hi!.....dj

JAPAN: R Japan 17755, date/freq "Koto Doll" cd + 2 month calendar in 23d air(John Futch GA) 15180, same cd in 26d air for no rp (Smith FL)

KUWAIT: R Kuwait 11665, f/d "Stylized Drawing" cd in 119d air, w/sked(Ruth Hesch NY)

NORWAY: R Norway 17795, f/d "Hardanger" cd in 26d air. No rp. +Fishing booklet(Fraser MA)

PHILIPPINES: VOA Tinang 11760, f/d "Americam Satellite" cd in 19d. No rp (Tom Smith FL)

POLAND: R Polonia 11815, 9525, f/d cds (3) in 28-37d air. No rp sent (Tom Smith FL)

PORTUGAL: R Portugal 11925, f/d cd in 34d for no rp (John Futch GA)Sorry John, your green felt pen is wearing out. Your description looks like "Museu Dos Biscainaos-Braga". Did I come close?....dj. 11925, "Hand Woven Blanket" cd in 55d air. No rp (Tom Smith FL)

ROMANIA: R Bucharest 11940, f/d px of Borsa Mountain Resort cd in 125d air for no rp. Also rec'd skeds for EE/SS, stamps & pics of Romanian actors. (Charles George TX) Hit the jackpot huh Charles? Hi!....dj 11940, f/d pic of Moneasa Spa & pic of Calimanesti Spa. Cd & itr + DX club info, mint stamps & sked. (Ruth Hesch NY) Generous outfit eh?.....

SEYCHELLES:FEBA


15400, cd in 31d air for 4 IRCs. No/d. Card shows Tx location & targets. (Kopriva CA)

SOLOMON ISLANDS

SIBC 9545 f/d white cd w/tx tower in 23d air for 2 IRCs. 10kw (Kopriva CA)

Thanks to Larry Kopriva

for this one.

SOLOMON ISLANDS BROADCASTING CORPORATION		-8
QSL CONFIRMATION	Date: <u>3/9/80</u>	
This confirms your reception of:-		
9545 kHz; on <u>7850</u> from <u>0713</u> (G.M.T.)		
<u>5020</u> kHz, on _____ from _____ (G.M.T.)		
<u>1030</u> kHz, on _____ from _____ (G.M.T.)		
	; on _____ from _____ (G.M.T.)	
The transmission had an aerial power of <u>10</u> kilowatts. Thank you for your report, and we wish you good DX'ing.		
S.I.B.C.		
P O Box 654 HONIARA ST.		
		
SIBC/40		
To	<u>LARRY KOPRIVA</u>	
	<u>9156 COLKATOO AV.</u>	
	<u>FOUNTAIN VALLEY</u>	
	<u>CA 92708</u>	
	<u>USA</u>	

SOUTH AFRICA: RSA 9585, f/d "Sunset & Silhouette" cd in 20d air. No rp (Tim McCurdy CA)

SPAIN: REE 11880, f/d painting of women cd in 42d air. No rp. 'Pretty Card'.(Futch GA)

SWEDEN: R Sweden 15315, f/d "Map" cd in 37d air for no rp (John Futch GA)

SWITZERLAND: SRI 15305, f/d "Swiss Scene" cd in 54d air for 1 IRC (John Futch GA)

UGANDA: UBC 15325, f/d "Studio Complex" cd in just 436d sfc for 2 IRCs(Hank Holbrook MD)

USSR: R Moscow 11710, 11720, 15420, 15540, f/d cds in 24-103d air for no rp. "Sports Palace w/Bus", "Kremlin", "Olympic Mascot". (Smith FL)(Fraser MA) R Peace & Progress in the 16m band, "Yellow cd w/black Logo drawing" in 30d air. No rp (Tom Smith FL)

VATICAN CITY STATE: Vatican Radio 9645, f/d Tx site cd in 33d air for 1 IRC(Tim McCurdy)

C L A N D E S T I N E

USA: Radio Confusion 14550, white cd w/black print circle design in 36d for 15c stamp. v/s Crazy Roger. (Lani Pettit IA)

Radio Indiana 7355, f/d color photo of R Indiana's tx equip on a desk in a red/white checkered room. v/s "Crystal, Director VOI". 33d for 15c stamp. (Lani Pettit IA)Lani points out that being the 1st(only?)YL to report, she often gets a long letter too.

That's it for November QSL. I used all the COMPLETE reports received. Don't forget that black/white copies of QSLs are welcome. They must be sharp in order to use.....73's Don

pennant parade



Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

TRANS WORLD RADIO NETWORK

by Adrian M. Peterson

The international radio network of Trans-World Radio is one of the world's large electronic outreaches which had its early beginning some 25 years ago. It began with a small, low powered discarded radio transmitter in North Africa, and today it utilizes a network of 6 major radio bases located in Europe, Africa, Asia and the Americas. These stations are capable of obtaining complete world wide radio coverage, and have been set up specifically, as Gospel broadcasters.

TANGIER

The first outlet of Trans-World Radio was established in Tangier, North Africa. Dr. Paul Freed purchased a disused school in 1952 and constructed his offices and studios into this building. Starting out with a little war surplus transmitter of 2½ kW and a couple of very simple antennas, the "Voice of Tangier" went on the air on February 22, 1954. Initially the first broadcasts were beamed towards Europe but later North Africa and Russia were added into the target areas. In 1956 the old 2½ kW original transmitter was replaced by a 10 kW transmitter and soon afterwards an additional 10 kW was added.

The callsign of this original TWR station was WTAN. It was on the air for almost 6 years before its closure on December 31, 1959. It was at this time that all private radio stations in Morocco were closed by government edict.

MONTE CARLO

The second station erected by Trans-World Radio is the powerful facility at Monte Carlo. This station became operational on October 16, 1960 with a new 400 kW transmitter on MW and two 100 kW transmitters on SW. The antenna system at the time consisted of 1 curtain antenna beamed to the Middle East. Since then other antennas have been added to give coverage of the British Isles, a third to Scandinavia, a fourth to Russia and a fifth which was reversible for Spain on one side and Eastern Europe on the other. The power of the mediumwave transmitter of TWR Monte Carlo was raised to 1½ million watts in 1975. The offices and studios of TWR Monte Carlo are located in a building which was originally constructed and planned for use as a Nazi propaganda radio station. In addition to the shortwave and one mediumwave transmitters there is also the longwave transmitter of two megawatts.

BONAIRE

The third TWR station was constructed on the island of Bonaire in the Caribbean. Originally the transmitter facility was to be located on the island of Curacao but following feasibility studies, the location was transferred to the low barren island of Bonaire. Construction work at Bonaire began in September 1963 and the first transmitter of 500 kW mediumwave became operational on August 1964. This facility was officially inaugurated on October 1, 1964 but the official opening was delayed until February 25, 1965 to coincide with the visit of Crown Princess Beatrix from Holland. The first transmitter on SW of 250 kW commenced operation in the spring of 1965 and the second SW transmitter of 50 kW became operational soon afterwards. There are 6 corner reflector antennas and 1 high gain curtain antenna beamed toward the Far East.

There is also a second high gain curtain antenna which gives a directional signal to South America. The mediumwave antenna system is a multi-tower directional array giving coverage mainly North and South.

CYPRUS

The fourth outlet of TWR was constructed on the island of Cyprus and commenced operation officially on May 1, 1974. There is a single 600 kW transmitter at the location with a vertical radiator giving coverage of the Middle Eastern areas. The station was constructed by Radio Monte Carlo, and is leased to TWR. It was erected to give effective coverage mainly to the Middle East.

SWAZILAND

The next installation of Trans-World Radio was located on the African continent in Swaziland. The original intention was to install 4 shortwave transmitters of 30 kW each with directional antennas to cover mainly the African areas. However, when one of the other smaller gospel stations nearby was closed, then a fifth transmitter was added. This station commenced services on November 1974.

GUAM

The latest TWR shortwave installation has been installed on the island of Guam in the Pacific-Asian area. This station identifies as KTWR, or TWR-Pacific. The first TWR transmitter on Guam to become airborne was the 10 kW MW outlet, KTWG, meaning Trans-World Radio Guam. This station commenced broadcasting on August 22, 1975 on 770 kHz.

The SW installation began test broadcasting and regular broadcasting during 1977. Two transmitters of 100 kW have been installed and these radiate simultaneously through two curtain antennas.

SRI LANKA

The most recent installation of TWR to become operational is the large MW facility located on the island of Ceylon. This station contains one MW transmitter of 400 kW and a two tower vertical directional radiator system. The MW transmitter was made by Thomson - Houston and was originally used in Germany. TWR Ceylon has a studio in Colombo, and the transmitter is located 60 miles north, at Puttalam. Programs are transmitted from the SLBC studios in Torrington Square, Colombo on FM to the relay stations at Radula in the mountains, and from there out to Puttalam on another FM channel. TWR Ceylon will broadcast mainly in Indian languages. The transmitter will be used during the hours of darkness by TWR to broadcast to India, and during the daylight hours by SLBC to broadcast to Ceylon. At the present time, the station is still conducting test transmissions and has not yet commenced regular broadcasting.

BOPHUTHATSWANA

Trans-World Radio has received permission to erect another station in the African republic of Bophuthatswana. This will be a MW facility of 50 kW. Location of this new station and its operating frequency have not yet been announced.

Of the 7 radio stations erected thus far by TWR, 6 are currently operational. The only station which has been deleted was the original installation at Tangier. These stations contain a total of 17 transmitters with a total output of 5 1/2 million kW. There are 5 MW transmitters, one LW, and 11 SW. One station, in Africa, is still in the planning stages.

Programs generally are prepared in central and satellite studios and are broadcast from the appropriate stations. There is seldom any network presentation from TWR excepting on special occasions. All TWR stations issue attractive QSL cards in response to accurate reports. TWR speaks to the world in more than 50 languages.

NEWS AND RTTY

by Thomas C. Turner

I am a news-nut. To that end, I have been listening to shortwave radio broadcasts for the past fifteen years. While I have occasionally dabbled in DXing, my thirst for news has driven me to AFRTS and the BBC World Service. Like many of you, I have also chased down shortwave broadcasting stations in the countries wherein war or a similar crisis was threatening. If you have a thirst for up to the minute news, I wish to pass on a very exciting discovery which will keep you on top of world events; indeed, it will keep you so well informed that you will know of some news items even before they are officially released in the shortwave media and in the local AM - TV media.

Did you know that many of the worlds' major news services such as Associated Press, and Agence France Presse transmit their teletype news services on the shortwave bands in English? Did you also know that for the past two years microprocessors have been available which will translate these signals into a TV picture and drive a standard teletype?

I have just made this discovery and every day before I go to work I tune in the shortwave radio, set up the microprocessor, turn on the teletype and keep my fingers crossed. Usually when I return home at about 1930 GMT, I am rewarded with between 20 and 35 feet of teletype paper containing the worlds' latest news and stock market information together with in-depth analysis. You might say I get my evening newspaper "hot off the press." The analysis of the news contained on the press service is fairly in-depth, sometimes on a par with that found on BBC World Service. What is even more interesting about this form

of shortwave listening, is the fact that there are many items on the press services which do not appear either in print or on the AM or TV news media. The reliability of receiving such information on a daily basis is surprisingly good, and with any luck at all, you will be able to stay on top of the developing world scene just as a major news room would anywhere in North America.

The method of transmitting teletype signals by a shortwave station has been in existence since before World War II. Hams and shortwave listeners now refer to this reception as "rtty." This stuff is on the air and ready to be received. Have I got you interested?

Questions I know you are dying to ask!

QUESTION: What kind of equipment do I need to receive this stuff?

ANSWER: You will need a modern, accurate, stable shortwave receiver, preferably one with a good range of frequency selectivity. You should have a good antenna with a shield around the lead in wires (these microprocessors tend to give off radio interference and hence the need for a shield). Next you will need a microprocessor. There are many of these gadgets around and there are credits and debits to each brand manufactured. You should then find a small black and white TV to serve as a video monitor and last, but by no means least, you will require an old teletype, which are readily available from commercial suppliers and probably from your local telephone company.

QUESTION: Why do I need a stable receiver and a teletype? Couldn't I just watch the news coming on my TV?

ANSWER: You need a receiver that is stable because rtty signals are received using the SSB mode of your radio. The microprocessor runs off the audio of your shortwave radio and responds to about 100 cycles of audio frequency, which, of course, is determined by your radio's beat frequency oscillator. Thus, if your radio drifts, the audio frequency will be altered and you will receive 40 feet of unintelligible mush from your teletype instead of news. While you could spend an entire day watching your TV for news, remember that most stations transmit their signals at 66 words per minute and you can read 30 feet of teletype paper a lot faster than spending a full day in front of your TV monitor.

QUESTION: How much will it cost to set up such a station in US dollars?

ANSWER: Well, the new, modern shortwave radios will run you in the neighborhood of six to seven hundred dollars US, and the microprocessor will cost you at least five or six hundred dollars US as well. The TV you can scrounge up at any TV repair shop for about 50 to 60 bucks and the teletype can be purchased from a ham or from your teletype supplier for about a hundred bucks, US.

QUESTION: Is it really worth it?

ANSWER: I certainly think so. Staying on top of the news or if you prefer, getting all the news while it is still very much "news" is very important to me. Indeed, when my friends visit my shack, they are absolutely fascinated by my teletype chattering away about the deteriorating world situation. They are so fascinated that they no longer ask me that most hated question about shortwave listeners "Can you transmit?"

QUESTION: How much technical knowledge do you need to assemble this stuff?

ANSWER: Not a great deal. The microprocessors come with complete diagrams and instructions and if you know the difference between an input and an output, you can have your set up working in no time. Perhaps the most challenging (cantankerous?) piece of equipment is your teletype. Once you figure out where to hook into the machine, you will have to keep it supplied with paper and teletype ribbons. This is about the only expense you will run into on a regular basis, by the way. A large number of hams now use teletypes, so if you run into difficulties, I am sure that there will be one in your community able to assist you in getting your teletype into working order.

QUESTION: Why go through the trouble, can't I get all of this stuff from my local newspaper or from standard shortwave broadcasts?

ANSWER: You will get most of the rtty data in your local newspaper, but that will usually be 24 hours after the broadcast is made. Getting it "on the wire" means that you can read it at your leisure or if you are at your shack while the stuff is coming in. You can experience the excite-

ment of hearing your teletype bell ring rapidly thereby signalling the arrival of a news bulletin. There is no question you will know about late breaking news faster than most shortwave radio listeners.

QUESTION: Just how reliable is the rtty signal? Can you guarantee I will get a good signal every day?

ANSWER: No Way! Shortwave radio is shortwave radio. Signals can fade, your radio might drift, the station itself might drift (some stations do drift notably). Your teletype ribbon may break, your paper may get tangled up or a power brown-out may have knocked your microprocessor out of calibration. Generally though, there are reliable signals on the air every day, such as Agence France Presse at 20110 kHz.

QUESTION: There must be some drawbacks to getting into this?

ANSWER: Yes, teletypes are a bit noisy and the news is so fascinating coming in on the teletype that you really don't want to tune your radio to standard shortwave broadcasting stations. In other words, it will tie up your radio all afternoon. (But it's still very much worth it.)

QUESTION: Why haven't I heard about this before?

ANSWER: Because most of the people involved in "rtty" are more interested in DXing than in shortwave listening. There is a lot of rtty material on the air. I logged 38 new stations in just one afternoon of twiddling the dial.

QUESTION: Where can I obtain information about frequencies, etc.?

ANSWER: The bible for listening to rtty is "the guide to rtty frequencies" by Oliver P. Ferrell available through Gilfer Associates Incorporated. This book lists new stations as well as other rtty stations and will allow you to hunt around the shortwave bands until you find a news service that is reliable and gives a complete summary of the worlds news everyday. I will be quite pleased to pass on whatever information I know about this fascinating aspect of shortwave radio listening if you send a letter or cassette to the following address: Mr. Thomas C. Turner, 9 Hamilton Street, Gander, New foundland A1V 1W6 CANADA.

BUT DO YOU UNDERSTAND MINE - A PLAY FOR RADIO HOBBYISTS

by Craig Rocha

Characters

Collins H. Philter (a SWL and DXer)
Cy Bann (a ham radio operator)
Anna Logg (a CBer)
Hugh H. Eff (a public-service bands monitor)

(Scene: Musen, California, USA. A typically sweltering October afternoon during the "Santa Ana" weather season. Collins Philter enters the air-conditioned Radio Track store in his small but growing hometown. Anna Logg and Hugh Eff stand at the cash register, chatting casually with Cy Bann, Radio Track's assistant manager. Philter approaches the register.)

Bann (a young man with a black moustache): "May I help you today, buddy?"

Philter (a slightly shy man of about 38 years, a bit uneasy about having to ask for help): "Yeah.... I'm a.... I'm.... looking for some stranded, insulated wire that I can use for different-size shortwave antennas. I want to improve my reception."

Bann (with a curious stare): "Okay. Look over at the rack there in the right rear of the store."

(Bann escorts Philter to the appropriate area. But then it happens. Bann delivers that ever-so-ominous question; that stinging interrogative which shadows the self-concepts of devoted SWLs and DXers nationwide.)

Bann: "You aren't a ham, by chance, are ya?"

Philter (having met face to face with that jolting, ego-shattering question many times before, responds apologetically): "No, no.... I'm just.... a shortwave listener, a DXer. I listen to broadcasts from around the world. I.... I don't.... I don't transmit."

Bann (a bit paternal): "Well, hey, you're certainly on the right track, anyway. Hey, who knows? You probably just need a little more background before you're ready to become a Novice. And I'd be happy to help you get going on your license."

Philter (shyly, trying to delicately refuse this sincere offer): "Well, you never know.... thanks, but I really enjoy what I do. In fact, my wife is beginning to enjoy SWLing as much as I do."

Bann: "Hey, it's okay. I won't push it. But you know, I've QSO'd 97 countries and I just love the thrill of getting that QSL as well as that hot DX. Boy, I'll tell you, when the ham bug bites, you're stung." (Speaking more enthusiastically as well as more rapidly): "And the skills you learn graduating upwards from Novice to.... and the friends you make from various.... and the self-satisfaction." (Bann slows down.) "Really, you're missing a lot by just listening!"

Philter (walking away from the rack politely towards the cash register, with Bann following behind): "Yeah, a.... ok, thanks. How much do I owe you for the wire?"

(Bann begins to write up the ticket, while Hugh Eff - heretofore silent - casually opens up.)

Eff (middle-aged, soft-spoken, but friendly): "say, you know, Cy there may have some good points, but I really do enjoy my listening hobby on the VHF-UHF bands. I got a crystal-tuned scanner, and I can listen to many public service bands. Just think of it: You can hear the Musen Police Department in SWAT action, the TV 9 Action News Team in hot pursuit of a lead...." (Eff, too, begins to wax more ardent as he begins to speak more rapidly): "the gas and electric company while they search out and repair a serious.... the fire department under extreme.... and even the California Highway Patrol in emergency action." (Eff stops, looking very sincerely at Philter.) "I know what's happening in our area before the TV and radio - and even you - do."

(Philter looks at Eff, ready to respond, when Anna Logg - "Lady Lightning" to her fellow CBers - unleashes her sincere enthusiasm upon Collins Philter.)

Logg (an attractive, outgoing young lady with refreshing fervor): "Well now, ol' Cy and Hugh are certainly experts about their hobbies, which sound like a heck-uv-a-lot-a fun to me, but let me tell ya - there ain't nothin' like the thrill of rollin' down 365 while talkin' to Big Mac, Jumbo Jacker, or Thick Patty on the ol' CB rig. Ya see, ya meet the nicest people. And talk about thrills! Why the most fantastic thrill of a lifetime is riding the ol' skip as ya talk to someone whose 10/20 is way the heck out - like Alabama or Idaho! And do you know what?" (She, too, becomes very zealous and speaks more rapidly.) "Ya just meet the nicest.... I'm tellin' you, ya keep contact with the greatest.... even the law enforcement people cooperate with us. I'm tellin' ya, CB is IT!"

(Silence. Philter, looking downward at the change given him at the register, finally looks up. He musters his courage, thinks of the thousands of worldwide SWLs and DXers, and politely looks at all three, who seem to be awaiting some sort of reply.)

Philter: "I appreciate your enthusiasm, since radio - yes, radio - is our common hobby. One may be a radio amateur, another a CBER, and still another a public-service monitor. But all specialize in different parts of the total 'whole.' Yes, I understand and appreciate your separate skills and interests, but.... do you understand mine?" (Philter continues.)

"You see, SWLs and DXers are walking encyclopedias of the high frequency spectrum. We continuously monitor what is being broadcast from 30 to 120 meters, and many of us go beyond these two extremes. Everyday we collectively listen to, catalogue, and analyze thousands of international radio broadcasts, from Brazil to Sri Lanka, from Portugal to New Zealand, and from Luxembourg to Nigeria; from hundreds of ships at sea to hundreds of amateur radio operators; from navigational beacons to coded messages and strange sounds. We are the explorers of this vast, high frequency frontier." (He adds.)

"We, too, collect QSL cards, but the reports we send the various stations reciprocally assist such stations in facilitating and improving their broadcasts. We learn and continuously are learning about the high frequency radio frontier. In fact, many, many clubs in different areas of the world, as well as their publications, help educate us in our efforts. And so we too create new and long-lasting relationships with other hobbyists in various locations." (Philter goes on.)

"We are the recipients of immediate world news from primary sources: propoganda, 'Truth,' 'truth,' a hodgepodge of world opinion; we are the recipients of music, customs, and belief systems from around the world - all in varying languages and from varying cultural perspectives. To borrow William Golding's words, we are the recipients of different 'continents of experience and feeling.'" (Philter finishes.)

"As you three, we too have skills; we too have thrills; we too make our contribution to the total radio whole. You know, instead of SWL's and DXers, maybe we should be called 'High Frequency Radio Monitors and Broadcast Information Analysts.' What do you think?"

(Bann, Eff, and Logg look at one another with contemplative gazes. Philter walks out the door.)

TIDBITS

INTERNATIONAL MAIL RATE HIKE PROPOSED: The Postal Service proposed increases averaging more than 50 percent in international mail rates, effective Jan. 1. "The proposed rates are necessary to cover increases in Postal Service costs for providing international services," the mail agency said. It said the Universal Postal Union, an international postal organization is requiring the Postal Service to pay foreign postal administrations "substantially more than it had previously." These changes take effect on Jan. 1. The higher international rates are separate from increases on domestic mail that are expected to take effect early next year. The Postal Service has asked for approval to raise the domestic rate for first-class letters from 15 to 20 cents and other increases for other types of mail. Airmail rates will be 50 cents or more. The new international rates will apply to mail sent to all foreign countries except Canada and Mexico. Any change on mail for those two countries will be made with the domestic increases, the Postal Service said. (Bolingbrook Herald, October 24, 1980 via Fred J. Johnson)

H.R. 7747: H.R. 7747 is a bill before Congress to amend the Communications Act of 1934 to prohibit the unauthorized interception and use of subscription telecommunications and to protect the privacy of such telecommunications. As a result of Mr. Hauser's announcement on Radio Canada's DX Digest that a bill was before Congress to prohibit reception of utility broadcasts, I immediately wrote my Congressman opposing this proposed ban on certain types of radio reception. In response to my request, I received a copy of the Bill. There are certain points in it that I feel are of great interest to the DX community and I summarize the content of the Bill here. As I suspected, the Bill's intent is to stop the spread of "earth stations" intercepting cable TV from satellites. Depending on how you read the legalese, the ramifications of the bill can be quite large. H.R. 7747 provides for fines or imprisonment (up to \$25,000 and 1 year) for an individual who "knowingly carries out an unauthorized interception of a subscription telecommunication" or "knowingly attempts to carry out, or conspire to carry out, an unauthorized interception". Greater penalties apply for interception for profit, non-individuals and multiple offenders. The violator is also liable for Civil suit. In order to get the full scope of the bill, one must understand the term "subscription telecommunication". The following lengthy verbage defines the term. "The term 'basic telecommunications service' means that basic two-way switched voice telephone service which is provided as an interstate telecommunications service on the effective date of this section and which is provided on a universal basis to the general public. Such term includes any other interstate telecommunications service which the Commission, from time to time, determines by rule is recognized as an essential part of an efficient nationwide system of basic telecommunications. The term 'subscription telecommunication' means any telecommunication, other than basic telecommunications service, which is intended for receipt in intelligible form only by a person who has agreed to pay a fee or charge to the person originating the telecommunication or his agent, and any other telecommunication incident to such telecommunication. The term 'telecommunication' means any transmission, emission, or reception of signs, signals, writings, images, and sound or intelligence of any nature by wire, radio, optical, or other electromagnetic system." The wide definition of "telecommunication" could go so far as to apply to eyesight (optical). If someone wore a button saying "Look at me 25¢", I guess this bill makes it illegal to look at him without paying the two-bits. I also think (I'm no lawyer) that the term "Subscription telecommunication" could be stretched to encompass any kind of utility "communication for hire" and would include most commercial traffic. Note that no limitation in the bill excludes intra-state or foreign signals. I personally feel that this bill is an unwarranted invasion on personal liberty. My congressman says that this bill will not be acted on this session. Next year the bill will have a new number. If you have a feeling, one way or the other, write your congressman c/o the House of Representatives, Washington, DC. (Kevin W. Davidson)

PANASONIC RF-085: The RF-085 is Panasonic's answer to the Sony ICF-7600, but with two delightful differences. One, it's substantially cheaper - I got mine for \$65 at a discount outlet. Two, it covers the SW spectrum continuously from 2.3 to 18 MHz in three bands as well as AM and FM. Thus, you are able to tune those out of band SW broadcasters as well as WWV time ticks. It is even sensitive enough to pick up many hams and utilities. But, alas, it has no BFO to allow you to read them. Stability is good and audio quality is excellent coming from such a tiny speaker. All this from a radio that's the size of a paperback book! What will they come up with next.

73's, Arthur 1/2/81



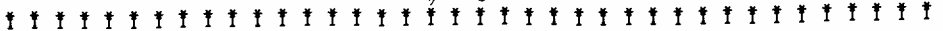
SPEEDX CONTRIBUTORS

compiled by
DON JOHNSON

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NUMBERS PRECEDING EACH NAME INDICATE HOW MANY COLUMNS REPORTED TO. AN "*" SIGNIFIES CREDITS GIVEN FOR A PRIOR MONTH. SECTIONS OTHER THAN SWBC/QSL/UTE & SKEDS ARE CREDITED DIRECTLY BY THE MEMBERSHIP CHAIRMAN.



4	BRIAN ALEXANDER	PA...RF-2800	2	HANK HOLBROOK	MD...HQ-129
1	ROD ALEXANDER	IA....SPR-4	3	DARRYL HOLLAND	NY...FRG-7000
2	ROLAND ARCHER	NC....DX-300	1	MARK HOLMES	IL....DR-33
2	CLAUDE AUCION	LA....DX-160	1	RON HOWARD	CA....SB-310
1	DAVID AUDETTE	MA....DX-300	2	CHESTER HOWARTH	WA....SPR-4
2	JOSE BARR	CA.ICF-5900W	4	HOWARD HUDDLESTON	TX....DR-7
4	JERRY BERG	MA...HQ-180	3	CARL HUFFAKER	MEXICO.HOMEBREW
4	NICHOLAS BERKHOLTZ	MN...RF-2800	5	FRED JOHNSON	IL...RF-2200
2	JOHN BICKEL	CA...RP-8880	2	DAVID JONES	VA...5-151-1A
3	SANDY BLAIZE	LA.ICF-5900W	1	JACK JONES	MS...DX-150A
2	RICKY BLEDSOE	MO.....?	3	MIKE JONES	CA...CRF-330K
1	GORDON BLOM	NY....DX-160	1	JOE KANNRY	NY....XCR-30
4	JIM BOEHM	TX....FRG-7	1	TONY KOBYLSKI	MD....FRG-7
3	PAUL BREWER	TN...RF-2800	6	LARRY KOPRIVA	CA....FRG-7
2	CLIF BROWN	IL.....R-7	1	PAUL KORNEKE	VA....R-1000
3	NATHAN BROWN	WA.ICF-5900W	1	PAUL KOWALSKI	WI....SX-190
2	LESLIE BYRON	NY....PAT-9	2	HENRY LAZARUS	LA....SX-100
1	ROBERT CARSON	WV....DX-302	2	ALBERTO LECUONA	ARGENTINA.FRG-7000
1	ROBERT CATEY	IL....SX-133	2	JOSEPH LEEAMAN	RI....DX-40
2	JOHN CEREGHIN	MD....DX-160	1	JAY LEVIN	NJ...RF-2800
1	MIKE CHABAK	AZ....HQ-180	3	TERRY LINDLEY	AL....DX-300
2	MARK CHINSKY	NY...RF-2800	3	CLARENCE MAISE	LA....FRG-7
1	GUY CLARK	KS....FRG-7	1	RUSS MAPPIN	WA....FRG-7
6	LARRY COHEN	PA...RF-4900	3	PHILLIP MARSHALL	GA....SX-73
6	BOB COLEMAN	MA....FRG-7	1	RON MARSHALL	AZ...FRG-7000
4	WHEELER CONOVER	KY...RF-2800	1	ALEXANDER MASON	ONT...FRG-7
1	COSTA CONSTANTINIDES	AF...FRG-7000	1	TIM McCURDY	CA....FRG-7
1	PETER CONWAY	ENGLAND....51J-4	6	LARRY McKINNEY	PA....R-1000
2	DUKE CRAWFORD	CA...RF-2800	1	CHRIS MESSINEO	MA....DX-160
5	VLADIMIR CUCURA	PA..FRG-7000	5	BILL MILLER	CA....DX-300
3	LARRY CUNNINGHAM	OH..FRG-7000	6	DON MOMAN	ALB.....R-7
5	BRAD CUPPY	IN...RF-2600	1	DAVID MOSIER	CA....FRG-7
1	MARK CURNELL	OR...RP-8880	6	RANDY MOSS	CA....R-1000
4	RICHARD D'ANGELO	PA...NC-190	5	RALF MUNSTER	GA....R7/DR7
2	KEVIN DAVIDSON	SC....DX-300	1	MARSHALL NARVA	MD...BCR-101
*2	LUCIEN DEKEYSER	CA....FRG-7	3	LARRY NEBRON	CA....FRG-7
3	ROB DE KIEWIT	HOLLAND...FRG-7000	3	ANDY NEWTON	GA...RF-2200
1	J C DEVENDORF	CA....DR-33	2	MARJORIE OAKLEY	OR....FRG-7
5	WALTER DITTRICH	FL..FRG-7000	2	HUGH O'RIORDAN	ID....SPR4
1	GORDON DRAESEKE	CA....DXR-1	4	DAN ORTEGA	CA...FRG-7000
4	KEN EARHART	PA...NRD-505	1	FRED OSTERMAN	KY.....R-4B
1	PAUL EHRET	PA..AN/FRR-23	1	FRANK PAGANO	DC....RACAL
2	MARK ERAMO	MA...RF-2600	4	BOB PALMER	WA....R-1000
1	JIM EVANS	TN...RF-2200	2	WILLIAM PARKS	FL...HR0-60
5	DAN FACCIOLI	URUGUAY.ARC-28/70	6	LANI PETTIT	IA...RF-2800
1	JOHN FINDLATER	CA.....?	2	WILL PICKARD	IL....R-7
3	JOHN FISHER	MA....GPR-30	1	RONALD POKATILOFF	IL....SSR-1
1	JOHN FITZGERALD	RI....R-300	3	BOB RAYMOND	MA....R7/FRG-7
4	LEW FORBES	TX....FRG-7	3	ALBERT RICCIUTO	NY....DR-22C
2	STAN FORSMAN	CA....R-392	1	WESLEY ROGERS	ONT....SX-190
3	BOB FRASER	MA....XCR-30	1	GARY RUSSELL	IL....SSR-1
1	JOHN FUTCH	GA....DX-300	1	GARY RUSSO	NY...RF-4900
1	TOM GAVARAS	MN.....?	1	HIROSHI SAITO	JAPAN....FRG-7
1	CHARLES GEORGE	TX....SSR-1	4	JOHN SANDERSON	AZ....R-1000
5	FERNANDO GONZALEZ	NY....FRG-7	4	MARK SCHLESINGER	TX....FRG-7
3	MAXFIELD GREENWOOD	PA...BCR-101	4	ART SCHROEDER	WI....DX-160
1	STEVE HANDLER	IL.....?	5	GREG SHEPHERD	IL....DX-300
4	GLENN HAUSER	TN....FRG-7	1	GREG SKORA	ONT...RF-4800
6	RUTH HESCH	NY.FR-6600JW	1	GEORGE SLOVINSKI	CA....R-1000
6	STEVE HEYMAN	NY...FRG-7000	4	TOM SMITH	FL....XCR-30
5	NORMAN HILL	VA...ICF-2001	4	TRAVER SMITH	CA...NRD-505
4	TOM HODSDON	MN....FRG-7	3	JACK SOMERS	CA....R-1000
3	CHARLEY HOFFMAN	PA....FRG-7	2	RICKY STEIN	NJ...FRG-7000

1 LEONARD STOCK	CO..FRG-7000	1 JOHN WALTERS	NJ...R-1530
3 WILFRED STONE	ONT..FRG-7000	3 MICHAEL WAMPLER	WA.ICF-5900W
5 GLENN THOMPSON	NM....FRG-7	5 JOHN WESTBROOK	GERMANY..FRG-7000
5 PEGGY THOMPSON	CA....FRG-7	1 TED WILSON	MI.....R-4B
3 AMELIO TOIA	ITALY..SAT-2100	1 MARJORIE WITTE	CA....FRG-7
3 FRED VALENTINE	CA...RF-4800	5 REX WHETZEL	IN...RF-2200
1 TED VAN BEURDEN	CA....FRG-7	1 ROBERT YAJKO	PA....SPR-4
1 ROBERT VIAU	QUE...HRO-50T	1 THOMAS YINGLING	MD...RF-2900
1 JOHN VOCKEROTH	NJ....SX-190	4 BOB ZILMER	AZ....R-1000
2 DAVID WALCUTT	TX.....R4B	- - - - -	- - - - -

Thanks to 145 reporters this month, which does not include the Europe col. If the Europe contributors arrive, we will credit next month. Nice to see so many new reporters, both new & old members this month! An "ATTABOY" and "ATTAGIRL" to each and all!

Thanks to those who have sent in corrections for the receiver listed, as asked for last month. Again, if your rig is not listed, or listed wrong, drop a PC to club HQS and we will alter it. Thanks.....dj

SELL - SEEK - SWAP

FOR SALE Mizuho AP-M1 Audio Processor(Notch & Bandpass filter)\$30. MFJ-1020 Active Antenna w/AC adapter \$50. Both for \$70. Mint condition. Thomas Adams, P. O. Box 1165, Midland MI 48640

FOR SALE FRG-7 w/Radio West 4 kHz filter and digi-dial digital readout. 1 year old. Ex condition. \$360 ppd. Kevin Johnson, 8117 35th Ave. North, Crystal MN 55427. (612)546-9634. No collect calls.

FOR SALE Drake SSR-1 like new w/shipping carton & manual. Asking \$210. Price negotiable. Hank Lentz, 26 Pheasant Run Drive, Export PA 15632. (412)327-8392 after 3 PM Eastern time.

FOR SALE McKay Dymek DA-100 antenna. Modified to latest. \$65 plus ship. George Schrammel, 3125-A South 42nd Street, Milwaukee WI 53215

FOR SALE Panasonic RF-2200 only 9 months old, w/manual and original box. \$110 ppd. Fritz Apollon, 3412 Englemeade Road, Baltimore MD 212208. Phone (301)653-0212 0100-0430 GMT. No collect calls.

WANTED Palomar Engineers or Radio West loop antenna w/RF amplifier. Range .5-1.6 and possibly one for SW band 3.7 MHz and higher. State price. Brad Cuppy, 1324 Fairbanks Drive, Carmel IN 46032. Phone (317)846-0433 week days only. Hours 2130-2230 GMT.

FOR SALE Heathkit HW-8 QRP Ham transceiver w/matching HWA-7-1 AC power supply. Fully assembled but not aligned. \$105.....SST Model DL-1 Dummy load \$12....SST Model T-2 Antenna tuner \$35....Radio Shack 3-range power meter and SWR bridge \$30....Nye Viking Model 114-310-004 handkey w/Navy knob \$6....Nye Viking Delux model 114-330-001 handkey w/Navy knob \$12.... Hustler 5BTU five ham band vertical antenna \$80....All items are new. I pay postage. Charley Hoffman, P. O. Box 321, Manheim PA 17545.

FOR FREE Manual for Superior Instrument Co. Model 670-A multimeter. I put an ad in PE's "Operation Assist" and received several copies. Merle W. McMahon, 3327 Northern, Independence MO 64052.

FOR SALE Drake R-7/DR-7, orignal carton & manual + \$35 service manual. Factory installed up-conversion power board 'birdie-killer'. 5 IF filters of 6, 4, 3, 2.3, & 1.8 kHz. Has feet raising front higher than usual with work light & dimmer under front edge for logbook use in darkened room. has front panel 24h clock module w/external batt. Asking \$1,400. Thats \$416 less than list. Larry Brookwell, 1826 Cypress, San Diego CA 92154. Phone (714)429-9728. No collect calls.

EDITORS NOTE: PLEASE KEEP YOUR ADS AS SHORT AS POSSIBLE. ADS ARE RUN ON A SPACE AVAILABLE BASIS. FIRST COME, FIRST SERVED. DEADLINE IS THE 12TH OF EACH MONTH BUT, ONLY SO MANY ADS WILL FIT IN THE SPACE I HAVE. THE SOONER YOUR AD IS RECEIVED, THE MORE CHANCE THAT IT WILL APPEAR IN THE NEXT ISSUE. SEND ALL ADS DIRECTLY TO CLUB HQS.....Don Johnson

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