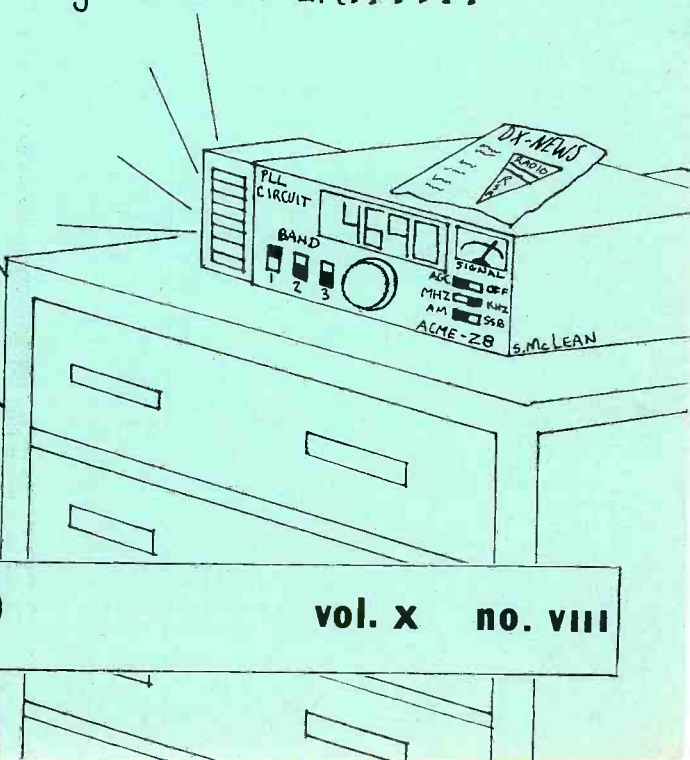
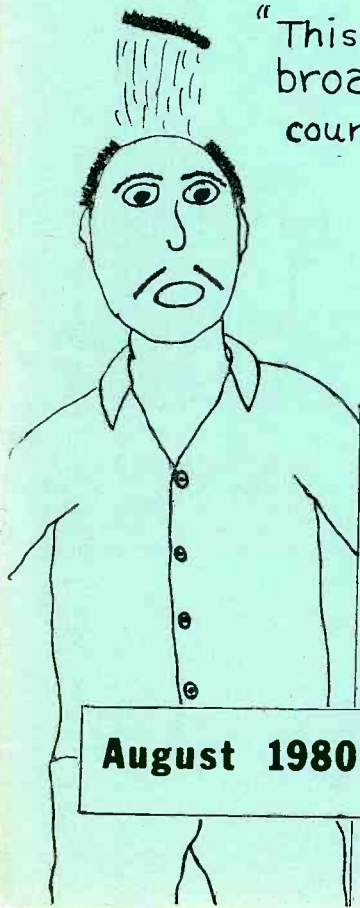


SPEED

*the dx radio magazine
for active shortwave listeners*

A DX'ers Summer Dream

"This is Radio N.Y.A.B.,
broadcasting from the Asian
country of Bhutan....."



August 1980 **vol. x no. VIII**



KEYNOTES



FLASH !

IMPORTANT NOTICE! EFFECTIVE NOW, SEND ALL MATERIAL FOR KEYNOTES DIRECTLY TO CLUB HQS!!!!!!THIS UNTIL FURTHER NOTICE:

We are sad to inform you that OLLIE ELLSWORTH was rushed into the hospital in mid-July for a serious operation. We hope for a SPEEDY recovery. You may send a card of cheer to Ollie in care of HQS.

CONGRATULATIONS TO 10 NEW FULL MEMBERS

JOHN BICKEL TORRANCE, CA	BOB FLICK WEBSTER GROVE, MO	ALEX O'BRIEN SYDNEY, AUSTRALIA	JOACHIM KORNEK WEST GERMANY
STEPHEN PITTS LAYTON, UT	ALAN PLOTNICK HAMDEN, CT	ALBERT RICCIUTO ROCHESTER, NY	TED VAN BEURDEN McCLELLAN AFB, CA
JOHN WESTBROOK WEST GERMANY	REX WHETZEL WOLCOTTVILLE, IN		

Certificates of Full Membership and a copy of the SPEEDX constitution were mailed to each of the above in July 1980.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

SKIPPER ESTES JACKSON, MS	LAWRENCE JAFFE PITTSBURG, PA	ROBERT C COLEMAN LUNENBURG, MA	THOMAS HARRINGTON REYNOLDSBURG, OH
JOHN BOYNTON FEDERAL WAY, WA	DAVID O'DELL LITTLE ROCK, AR	ALAN KORWIN RIVERDALE, NY	SHELDON HARVEY MONTREAL, CANADA
PHILLIP MARSHALL EAST POINT, GA	DAVID CRICHTON GERMANTOWN, TN	DAVID MOBLEY FORT SMITH, AR	WILDER PICKARD II EVANSTON, IL
ROBERT LEWALLYN CONYERS, GA	ANDREW WALLACE CHELMSFORD, MA	DAVID ROBERTSON SPOKANE, WA	THOMAS PICARELLI SUNNYMEAD, CA
HARRY BADOLAS SUNLAND, CA	BOB RAYMOND HAVERHILL, MA	FRANKLIN BAYUK RANCHO PALOS VERDES, CA	

We certainly are glad that you have joined the most active shortwave club in North America. Am sure that you will find the bulletin full of DX related material and up to date news. Please help us keep it that way with your support of the various sections.

CENTRAL DISTRIBUTION EDITOR--A reminder that Peggy Thompson, 2706 Alabama St. La Crescenta, CA 91214 will help you fight inflation by keeping your postage bill down. You may send all your loggings to Peggy in one envelope, she will relay them to the respective editors. Keep in mind that her deadline is the 7th of the month, whereas the editors deadline is the 12th.

UTILITY DXERS TAKE NOTE--There is good news for UTE DXers and those that follow the results shown in the column. Beginning with this issue, our new UTE editor is none other than Michael Chabak, 6171 E. Bellevue #19, Tucson, AZ 85712. Mike is a long time supporter of the Utility section of SPEEDX. Our Utility DXers are a loyal group, therefore, I do not have to urge them to support Mike as they did Ken. Welcome aboard Mike.

Thanks Ken for the long service to the UTE section. Ken has really had his problems during 1980. First the Suffolk Superior Court, Boston, Mass., requested his service for jury duty. The chap that was to do his column, was called out of town by his employer, and the column suffered because of this. When Ken thought everything was under control, there was a fire in the apartment house where he lived, the damage was so extensive to his own apt. that his April column was typed with the aid of a Coleman lantern. The apartment house was condemned, and he was forced to move. Ken there is one condolence, things can't get worse, they must get better.

Ken will be devoting his time in editing the SPEEDX Utility Guide, that is in the process of being published.

Across the editor's desk



The rest of KEYNOTES is being edited by HQS. Don't forget to send all material for this column directly to HQS. Want ads, DX meets, new DXing aids (such as the items below) and other time dated material should go to this section. Anything that does not 'fit' one of the other sections.

GROVE ENTERPRISES, INC. (Route 1, Box 156-U, Brasstown, NC 28902) offers the following items to add to your library. *BEHIND THE DIAL* is a fully illustrated book covering; an intro to the radio spectrum, scrambling and descrambling methods, reducing QRM, receiving gear, antennas, and more. Cost \$5.95 pp.

COMMUNICATIONS MONITORING covers listening from VLF through UHF. Choosing a good receiver, when & where to listen, bugging devices, scanners, plus a projects section for the home builder. Cost is \$6.45 pp.

SOUNDS OF SHORTWAVE is a 60 minute cassette with dozens of off-the-air sounds. Helps you ID FAX, RTTY, jamming and more. Most any sound you hear on SW. Sidetwo will help you select a SW receiver, build an antenna & more. \$5.95 pp.

FEDERAL FREQUENCY DIRECTORY was mentioned in our May issue, page 3. Since then, we have obtained a copy. Quite a book! About 300 pages, 100,000 listings of US Federal Government frequencies in the 2-420 MHz range. 8½" x 11" in size. Also gives the agency and location of each frequency. Cost \$14.95 pp.

* * * * *

HOBBY MEETS The Ontario DX Association will hold a DX OPEN HOUSE on Saturday August 23rd from 10 am to 10 pm at the North York Memorial Community Hall, 5090 Yonge Street, Toronto. For additional information contact: Harold Sellers, 3 Camrose Crescent, Scarborough, Ontario, Canada M1L 2B5.

The FIFTH ANNUAL NEW ENGLAND AREA DX OUTING will be held at Black Rock State Park in Watertown, CT on Sunday September 7th. Last year about 100 people came to enjoy the activities. For information write to: Sam Barto, 460 Emmett Street, #B-19, Bristol, CT 06010.

* * * * *

FOR SALE/TRADE/WANTED

FOR SALE: Motorola UHF Aircraft receiver 225 to 399 MC \$495. Solid State, 50kc synthesised, needs no crystals, 110V AC. Bob Coburn, RFD-4, 4 Tinkham Ln., Londonderry, New Hampshire 03053 (603)432-2615

FOR SALE: Gilfer 4 KHz FRG-7 w/GAR-7, exc cond. \$400 ppd..HQ-180AX w/matching speaker, factory perfect. \$400 plus shipping. Bill Smith, Route 2, Box 116, Reinback, Iowa 50669 (319)345-2982.evenings.

FOR SALE or TRADE: DX-300 \$250 ppd or interesting trade offer..WANTED for SP-600JX; original type cabinet, digital readout system and pages 16, 20,21 & 22 of March 1951 instruction book. John Caranna, P.O. Box 368, Stanleytown, VA 24168.

FOR SALE: Panasonic RF-2200 w/manual. 1 year old in good cond. \$110. Mark Eramo, 5 Kimball Drive, Stoneham, MA 02180.

WANTED: Drake MS-4 speaker and AL-4 loop antenna. Robert Lowe, Box 591, Kingsburg, CA 93631. (209)897-7693 1400-1530 and 0200-0400 GMT.

FOR SALE: FRG-7, 2 months old, perfect cond. manual, heavy duty carton \$220. ppd. Al Leary, 67 Eber Ave., Akron, OH 44305. (216)376-2402 No collect call.

FOR SALE: FRG-7000 modified by Radio West w/Collins 2.9 KHz mech filter, front panel antenna switch; switchable AGG, and 12 UDC operation. Mint cond. \$475 ppd in original carton. John Hall, 341 Herma Ct, San Leandro, CA 94577 (415)569-5891.

FOR SALE: RF-2200 exc cond. \$140 ppd. Andrew Newton, 2060C Pernoshal Ct, Atlanta, GA 30338. (404) 451-7791.

FOR SALE: Drake R-7/DR-7 w/aux. option, extra Gilfer modifications. Digital SW readout to 1/10 KHz. Hardly used. \$1300..Drake SPR-4 w/23 crystals, etc \$350..Bearcat 250 like new \$190. Steve Handler, 2610 Sheridan Rd Suite 212, Zion IL 60099. (312) 746-1414 No collect calls. Cashiers or certcheck only.

THIS IS A SUMMARY OF THE SPEEDX & SPEEDXTRAS ACCOUNTS FOR THE PERIOD OF JULY 1, 1979 TO JUNE 30, 1980 INCLUSIVE. A MORE COMPLETE REPORT IS SENT TO THE BOD EACH MONTH. SPEEDX PUBLISHES THIS ANNUAL REPORT EACH YEAR SO ALL MEMBERS ARE INFORMED OF HOW THEIR MONEY IS BEING HANDLED.

SPEEDX ACCOUNT

Balance on hand July 1, 1979.....\$7,045.02

RECEIPTS	Prepaid Subscriptions	\$6,129.50
	Prepaid Renewals	9,223.50
	Misc Income(Sample Sales, etc.)	709.81
	Total Receipts	\$16,062.81

DISBURSMENTS	Bulletin Printing (12 Issues)	\$9,035.00
	Bulletin Postage (12 issues)	4,834.09
	HQS Printing (GRAM,NMP,Forms,etc)	809.52
	HQS Postage	1,054.50
	HQS Supplies	375.16
	Misc (CDE,BBCMS,ANARC,POB E,etc)	399.55
	Mailing Labels	180.00
	Total Disbursements	\$16,687.82

Balance on hand June 30, 1980.....\$6,420.01

SPEEDXTRAS ACCOUNT

SPEEDXTRAS is the project division of SPEEDX. It is designed to be self-supporting by producing hobby items for sale at, or just above, cost. Items included in this department are: LL Guide, SUG, Country List/Awards Program, USSR Guide, SS Booklet, Tri-Lingual forms, Club Rubber Stamp, Bumper Stickers, etc.

Balance on hand July 1, 1979.....\$2,375.49

RECEIPTS	\$516.77
DISBURSEMENTS	475.54

Balance on hand June 30, 1980.....\$2,416.72



I certify this summary of SPEEDX and SPEEDXTRAS accounts are true and accurate to the best of my knowledge for the period 7/1/79 through 6/30/80.

Don Johnson
Don Johnson Treasurer

PROGRAM

AUGUST 1980

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

PANORAMA

Welcome to Program Panorama! This column is a monthly look into the world of shortwave programming. All SPEEDXERS are invited to contribute to the column. Lists of program lineups, comments on favorite or unfavorite programs, news of DX programs, etc. are welcomed. Comments on the content of the column will also be appreciated. An effort is made to not repeat program lineups for particular stations on a regular basis. For example, RTB Belgium's English lineup will not be included in the column more than once every six months, unless there is a change in the lineup. Through this policy, we hope to be able to bring you a wider cross-section of programming information in the limited space available. (Woody Seymour, Jr.)

BRAZIL...Here's the English schedule for Radiobras: Mon TOURISM IN BRAZIL, THE BRAZILIAN CINEMA, BRAZILIAN GOODS ABROAD, PERSONALITIES; Tue BRAZILIAN GOODS ABROAD, THE WORLD OF LITERATURE, EVENTS IN BRAZIL, ECONOMIC NEWS; Wed BRAZIL AND THINGS BRAZILIAN, THE VISUAL ARTS, BRAZILIAN GOODS ABROAD, QUESTIONS AND ANSWERS; Thu TOURISM IN BRAZIL, BRAZILIAN TELEVISION, EVENTS IN BRAZIL, ECONOMIC NEWS; Fri BRAZILIAN GOODS ABROAD, THE THEATER IN BRAZIL, PERSONALITIES, BRAZIL AND THINGS BRAZILIAN; Sat BRAZIL AND THINGS BRAZILIAN, QUESTIONS AND ANSWERS, EVENTS IN BRAZIL, ECONOMIC NEWS; Sun THE WEEKLY NEWS REVIEW, SUNDAY MUSIC SPECIAL. Needless to say, Radiobras plays much Brazilian music on its broadcasts. They broadcast to North America from 0200-0400 GMT daily on 15290 kHz with two identical hour-long broadcasts. Reception varies due to interference. (Duke Crawford, CA)

CANADA...The AS IT HAPPENS SUMMER THEATER has returned to CBC Radio! This year the program can be heard during the last half-hour of AS IT HAPPENS on Monday nights. Each Monday a program from a different old radio series is presented. Tune in at 2230 GMT on 15325 or 17875 kHz or 2330 GMT on 5960 or 9755 kHz for these broadcasts. In the same time slot each week on Friday, the CBC presents a new series of horror and suspense stories---NIGHTFALL offers you a scary half-hour each week. Both programs are domestic programs from the CBC relayed on shortwave by Radio Canada International.....The CBC Northern Service is now known as the CBC Northern Quebec Shortwave Service. During the past couple of years, English programs have been removed from the schedule and replaced with "native" programming in certain time slots. Such programs as AS IT HAPPENS and ECLECTIC CIRCUS have gotten the CBCNS "ax" in recent months. Some English programming does remain, however. Here are GMT times: Mon-Fri: 1313 MORNINGSIDE to 1500, 1600 THE WORLD AT NOON, 1800-1830 CBC NEWS and FOCUS CANADA, 2200-2230 THE WORLD AT SIX; Tue-Sat 0130-0200 R.S.V.P. MUSIC, 0400-0415 & 0500-0507 CBC NEWS, etc.; Sat only: 1030-1200 GOOD MORNING QUEBEC, 1310 THE HOUSE, 1400 & 1500 CBC NEWS(5 min.), 1505 60 MINUTES WITH A BULLET(pop chart), 1600 CBC NEWS, 1605 QUIRKS AND QUARKS(science), 1700 CBC NEWS, 2215 CANADA WATCH, 2300 CBC NEWS, 2305 OUR NATIVE LAND; Sun only: 0000 CBC NEWS, 0005 GILMOUR'S ALBUMS, 0300-0507 NEON NIGHTS, with CBC NEWS on each hour, 1103-1230 FRESH AIR, 1230 THE FOOD SHOW, 1300-1600 SUNDAY MORNING, with CBC NEWS on each hour, 1730-1900 THE ENTERTAINERS, 2000 CBC NEWS, 2005 SOUNDSTAGE, 2100 CBC NEWS, 2110 CROSS COUNTRY CHECK-UP(to 2300); Mon GMT only: 0000 CBC NEWS, 0005 IDENTITIES(to 0100), 0230 ROYAL CANADIAN AIR FARCE, 0300-0507 RADIO ACTIVE, with CBC NEWS on each hour. QUILLIQ, heard Mon-Fri from 1030-1300, contains some English. Programs heard at other times are in French, Inuktitut and Cree. Frequencies--1030-1300 on 9625 and 6065; 1300-2300 on 11720 and 9625; 2300-0507 on 9625 and 6195 kHz. (Taken from CBCNQSS schedule reproduced in Review of International Broadcasting #42, August 1980).

JAPAN...Here's the latest English schedule for Radio Japan: Daily NEWS; Sun WEEKLY NEWS REVIEW, MUSIC TIME, TOKYO CALLING; Mon CURRENT AFFAIRS, MUSIC TIME, ONE IN A HUNDRED MILLION; Tue COMMENTARY, A SKETCH OF JAPAN, LET'S LEARN JAPANESE; Wed COMMENTARY, MUSIC TIME, JAPAN TODAY; Thu COMMENTARY, THE INDUSTRIAL SCENE, LET'S PRACTICE JAPANESE; Fri COMMENTARY, TOKYO REPORT, WEEKLY EDITORIAL ROUNDUP; Sat CURRENT AFFAIRS, HELLO AMERICA. A bulletin of ASIAN NEWS can be heard daily at the end of the transmission. The times and frequencies to North America are 0130-0230 on 15235, 17725, 17825 and 21640, as well as 2345-0045 on 15270 and 17825 kHz. (David Crichton, TN)

MALAYSIA...Voice of Malaysia airs MUSIC OF MALAYSIA Mondays at 0640 with top pop hits of Malaysia. A listenable program and is preceded by the NEWS. NEWS can be heard daily at 0630 on 15295 kHz, etc. (Oliver T. Goonawardena, UADX in RIB #41)

NEW ZEALAND..."At present Radio New Zealand provides a special shortwave news bulletin for Pacific listeners from Monday to Friday in English and in the vernacular for Samoa, Tonga, the Cook Islands and Niue. Shortwave also carries sports fixtures plus any other events that might interest the Pacific communities. Augmenting the shortwave service is Radio New Zealand's growing transcription service--which incorporates tapes and cassettes. This includes a weekly 30-minute vernacular newsletter for Samoa, Tonga, the Cooks and a fortnightly program for Niue. Then there are weekly 30-minute programs on the Pacific and New Zealand, on sports and on any special items. Expansion of this service supports the weak shortwave voice of Radio New Zealand. The new transcription programs include HYMNS ON SUNDAY MORNING which is proving very popular and is distributed to Samoa, Tonga, the Cooks, Niue and Nauru. There are outside broadcast recordings of Polynesian church services. This month (June 1980) the first of a series of 30-minute programs of band music called BAND CALL begins while PACIFIC COMMENT--talks on Pacific topics--has just begun. Another new program PACIFIC CONNECTION presents a pop program for Pacific radio listeners and laced with brief items about New Zealand and its way of life..." (Taken from "Radio NZ Plans Pacific Impact", Pacific Islands Monthly, June 1980, p. 35. The article was written by William Gasson and forwarded to us by SPEEDXER Bob Bodell, OR.)

SOUTH AFRICA...Radio RSA has English programs directed to Africa daily. These broadcasts can be heard in many other parts of the world as well. The times and frequencies can be found in the Station Skeds column of SPEEDX for June, p. 33. The programs that can be heard are as follows: 0300 & 0400 Mon-Fri NEWS, COMMENT, GOOD MORNING AFRICA; Sat 0300 NEWS, WORLD AFFAIRS, GOOD MORNING AFRICA; 0400 NEWS, ECONOMIC REVIEW, GOOD MORNING AFRICA; Sun 0300 NEWS, LOOKING INTO AFRICA, THE MESSAGE, GOOD MORNING AFRICA, SUNDAY SPORTS DESK; 0400 NEWS, LOOKING INTO AFRICA, GOOD MORNING AFRICA; a broadcast at 0600 daily is a repeat of the broadcast heard earlier at 0300. Programs at 1100-1200 and 1300-1600 GMT will be presented next month. (Paul Brewer, TN)

SPORTS...Some sports programs on shortwave: BBC-SPORTS ROUNDUP Mon-Sat 1245, 1745, 2245; SPORTS CALL Sun 1745, 2245; SATURDAY SPECIAL Sat only 1400, 1515 and 1615; RADIO RSA-SATURDAY SPECIAL Sat 1305v, 1405v and 1515v; AFRS has plenty of sports programs throughout the day. (David Crichton, TN)

VOICES...The first issue of this new guide to international radio has been published, and it is quite impressive. The 24-page magazine has a full-color cover, feature articles on SW personalities (with photos), a daily program feature schedule a-la TV Guide and a listing of best times and frequencies for around 50 stations for their English broadcasts to 4 target areas. The monthly publication promises to expand and add more program information in coming issues. The publication has lined up close to 30 SW stations which have agreed to provide monthly program info in advance. Voices would seem to complement Review of International Broadcasting, but the two publications are not alike. RIB contains comments from listeners, while Voices is by and about broadcasters. I'll subscribe to both. (WWS) Good listening! 7/19

TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC ? SSB
AGC ? LSB
GAIN ? FDE
TUNER ? NOISE
IMAGE ? Smeter



Send Technical Questions
& Technical Material To: ➡

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

THE SONY ICF-2001 DIGITAL RECEIVER....A SPEEDX Review.....

If you own a WRTVH-1980, by now you have looked with "AWB" at SONY's new push-button wonder on the inside rear cover. No specifications were given. In fact, SONY's brochure even glosses over specific figures, and only makes generalized claims. Technical Topics was fortunate enough to obtain one for tests from Grant Manning of Radio West. The "sample" was a "cripple" for a little while until this Editor discovered a few faulty solder joints on the main printed circuit board. This was a random problem, I'm sure, as in many SONY sets serviced, no such fault has yet cropped up.

READOUT/TUNING/MEMORY: Frequency coverage of the sample was 150 khz. thru 29999 khz. and 76 thru 108 Mhz. The VHF range being FM only. Frequency is displayed on an LCD (Liquid crystal) panel that is backlighted by a push on the LAMP button, if desired. On the lower range, frequency can be read to 1 khz. and on VHF to 0.1 Mhz. Figures are about the size of the average pocket calculator and fairly easy to read in good light. The "back light" is far too dim and is useless unless the room is darkened. As part of the readout, a "SLEEP" timer function is displayed, as well as the time remaining until it cuts off the set. "TRY AGAIN" flashes on the readout if an incorrect entry is made on the keyboard. The set is tuned by an unusual method for a receiver; a calculator "pad" or keyboard. There are NO conventional knobs on the set! The desired frequency is punched into the memory by means of the keyboard in calculator fashion. For instance, if one desires the BBC on 6175 khz, simply punch up: 6-1-7-5-EXECUTE, and the receiver goes there instantly. If you want to "tune around" to see what is on, three "MANUAL TUNE" keys are provided for this. They are marked DOWN/FAST/UP respectively. For each quick push, the set moves 1 khz. (100 khz. on VHF). If the UP or DOWN key is held down, the frequency shifts about 2 khz./second automatically. Now if the FAST key is held down too, the rate speeds up to 10 khz jumps. (1 mhz. on VHF) There are six MEMORY pushbuttons available. These can be programmed to ANY frequency within the range of the set. All channels can be programmed for HF or VHF, OR split between the two. When going from AM MODE (or SSB/CW), the HF range, and FM MODE, the VHF range, whichever channels are programmed in each mode appear on the display along the bottom. (This is independent of the frequency display) For instance, say we have MEMORY 1, 2, & 3 programmed on MW/SW and 4, 5, & 6 programmed on FM. When we switch the "MODE" switch to AM or SSB/CW, the small numbers "1 2 3" appear on the readout. Similarly, "4 5 6" for FM, etc. I found this feature VERY useful for checking parallels! It's like having a whole bunch of receivers available at the same time!! For Utility DXing, it's handy to set a number of frequencies in at one time and jump around hunting for whatever. Also, if you are a "Tropical" DXer, you can listen to several stations at once (almost) around "ID" time.

SENSITIVITY/OVERLOADING: Sensitivity was fairly good and varied from about 1 microvolt to 5 microvolts depending on frequency and setting of the "AM ANTENNA ADJUSTMENT" which is sort of a preselector control. Although this is not "super" sensitivity, it proved adequate for most listening. Overloading does not seem to be much of a problem in the 2-30 Mhz. range. The set behaved even with my 125' longwire on it. There is a tendency to get some overloading on the 150-2000 khz range though. Use of the three position "RF GAIN" switch on the side of the set calms this down a bit. Overloading on the FM range with an external antenna connected is severe. The set works well at VHF with its self contained whip. No measurements made on this range.

IMAGE REJECTION: Images were observed during "test" bench measurements but none were troublesome during use. Rejection figures were:-60db @ 0.5 Mhz., 45 db. @ 1.5 Mhz., -35db @ 5-30 Mhz. Numerous "birdies" and spurious responses were found across the range. Some are mentioned in the instruction sheet (455 khz, 10.7 Mhz, 21.4 Mhz. etc. etc.) but others were noticed. Most are not serious and can be ignored once you know where they are.

SELECTIVITY: This turned out to be only average. To the "ear", it sounds like an FRG-7 unmodified or a Grundig Satellit 2000/2100 in "wide". Although SONY claims to use a crystal filter, measurements revealed the following: 6 khz. @-6db., 9 khz. @ -20db., 14.5 khz. @ -40db., and 17.5 khz. @ -60db. (Construct your own curve!! hi.) Not having a diagram available, it is difficult to know whether the filter is in the first or second I.F. amplifier. Space inside the set is "tight", so improvement may be difficult. Even at this, the set is acceptable for listening. I would not consider it a "DXer's" set, if you are going to dig amongst the powerhouse stations on the bands today! Still it is fun to use.

SSB/CW OPERATION: Stability of the set was excellent. ECSS use on normal AM stations was fair to poor, but on SSB operation is very good. A "SSB/CW COMPENSATOR" control is included for fine tuning in this mode. Actually a "BFO pitch" control under a different name. The control is calibrated ± 6 khz. To my way of thinking, this could have been limited to ± 3 khz. and tuning would have been a little easier. This control can be used to "measure" the frequency of a station by tuning first to WWV or a known accurate station, "zero beating" the SSB/CW COMPENSATOR and then going back to the station in question and tuning the MANUAL controls for zero beat again.

SCANNING FUNCTION: Three buttons set in the lower and upper limit of any desired frequency range. Then push the START/STOP SCAN key, and the set begins to scan by itself. If a strong signal is encountered, the scanning stops automatically. Another push on the SCAN key starts the scanning again. Sort of handy when looking around, but to me, a wasted function. It would have been better if they had an auto scan function on the MEMORY channels, much the same as the VHF scanners commonly available.

ANCILLARY FUNCTIONS: The "S" meter is a "bar-graph" of 5 "LED's". The stronger the signal, the more LED's light up. Novell! Accuracy not checked. Jacks are provided for EARPHONE output, RECORDER output, EXT. TIMER and POWER input. (+4.5v.) A "SLEEP" timer is provided and from 10-90 minutes of operation can be setup (in 10 minute steps) by a single pushbutton. Time remaining and the word "sleep" appears on the readout when this function is in use.

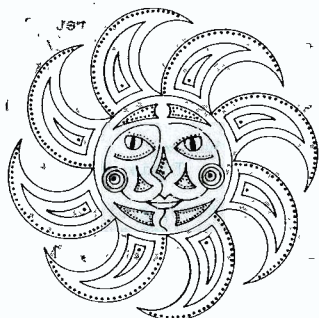
POWER REQUIREMENTS/SIZE/WEIGHT: Main set power is provided by three UM-2 ("D") size ALKALINE batteries and two ("AA") size pencils. The pencils being for the memory function of the microprocessor IC. This set is a POWER HOG!!! On ALKALINE batteries, the projected battery life is only 9-10 hours! This makes portable operation expensive. I would recommend anyone contemplating a lot of portable operation, purchase a set of HIGH CAPACITY Ni-CAD batteries. (The 4 Ampere/hour kind!) Although expensive at first, they will be cheapest in the long run. The "AA" cells are subjected to only 1 ma. drain, so "normal" cells will last for a long time. The set is a fairly compact 12 1/2 X 2 1/2 X 6 3/4 inches. Weight runs around 4 lbs. including batteries.

COMMENT: What impressed me MOST was how the receiver can be accurately set entirely by the "keyboard". It is possible to tune the set by TOUCH alone making this a BLIND MAN'S DREAM!! When I tried it with my eyes closed (once used to the control layout) it was easy. Who needs the readout?!? Kathy Trautschold (John, your Publisher's "better half") tried it and had fun for a few minutes having little trouble with it. If you have any sightless SWL/DXer friends, this may be the set for them!

Although the receiver has shortcomings, I like it very much. For the "ideal" second receiver for checking parallels, UTE listening on "fixed" channels. (like 5696 Coast Guard etc.) I don't know whether Grant is getting it back or not! Try it, you may like it! Price around \$325-350. Should be appearing on the market by the time this gets into print.

Thanks to: RADIC WEST, 3417 Purer Rd., Escondido, CA., 92025 for kindly loaning this receiver to SPEEDX for review.

MORSE CODE READERS/VIDEO DISPLAYS: Some letters lately concerning this. Performance?? Fair to good. DEPENDING on many factors. If the signal is decent, and the "Marker" is on tape or the operator is using an automatic key, operation will be excellent!! If the operator is sending by hand, you may notice a few to many errors depending on how the operator's "fist" is. If he has the famous "banana boat swing" to his sending, FORGET IT!! Noise and static bursts affect accuracy too. Remember, a "dumb" computer is doing the code reading and marches to a "drummer" (timebase) that likes a constant cadence. The human "brain" on the other hand, can interpret sloppy sending and speed changes much easier, not to mention its ability to ignore other noises and signals. Before you invest, see one in action! You may do better learning the "code" and spending the Kilobuck on a better receiver! Video terminals are nice but expensive. ... 73 'till next time "Sandy"



SPEEDX Western Hemisphere

EDITOR: Chris Hansen
2825 Webb Ave. 5F
Bronx, NY 10468
(212) 549-6613

Deadline: 12th

All times and dates UTC, All fqs in kHz

AGOSTO 1980

I'd first like to report that Station Skeds Editor Chris Lobdell and Nancy Tilley were indeed wed on June 28th -- I made sure the groom didn't get cold feet. I'm sure we all join again in congratulations to the happy couple. And, by the time you read this, Kap Kapinos' shindig will have been a huge success! -- Sam Barto will have been named HAP Man of the Year and presented with a plaque at Kap's. The ANARC Convention in CA is also new history. I hope all who attended these events were very pleased indeed with the festivities.

I'd like to put Spanish in abeyance for a month or two in order to present a short "paper" on proper identification and reporting techniques. I have noticed recently that some loggings are arriving in my mailbox which have rather questionable features -- a certain amount of imagination is going into identifications. Here, then, is:

IDENTIFICATION OF STATIONS

- 1. Why Bother?** This canard has been tossed around in the past: 'If SWL's and DXers send a logging in to an editor, he/she should print it as submitted, since the purpose of a DX column is to 'showcase' the efforts of the members -- to question or alter a logging is a slight to a member.' WRONG! The raison d'être of a DX club/column is to provide information to other DXers/SWLs on what has been heard. It is a cooperative effort to help people hear DX. While I do, of course, thank wholeheartedly those members who contribute, I feel that accuracy of information is paramount, not simply printing every logging without necessary annotations. While I cannot speak for the other editors, I would presume their philosophies are similar. Therefore, since you as a reporter have a responsibility to submit as accurate loggings as possible, I have a responsibility to check and edit in order to produce an accurate column. Identification is a major part of the accuracy question.
- 2. Common Sense.** It seems today that common sense has become a lost art in all sectors of society. In identifying a station, common sense plays a great part. Obviously, one needs a WRTH as an aid to identification. However, just because a station is listed in the WRTH doesn't mean it is still broadcasting on that fcy, or that it is being at the same time as indicated in the WRTH. By the same token, because it is being doesn't mean that we can hear it. A station being with 250 watts from Tierra del Fuego is fair game, but is unlikely to be heard in North America. And, of course, if you do think you are hearing it you should provide more details than if you are reporting RCI on 5960. Not that we don't believe you, but on the subject of 250 watt beacons from Tierra del Fuego, most DXers hail from Arkansas. In addition, your report will be more useful for other DXers if you provide ID texts, names mentioned in ads, and other useful details.
- 3. If You Have a Fertile Imagination, Become a Writer.** Imagination plays no part in IDing a station. If you only think you heard an ID, leave the logging tentative. Don't be afraid of submitting a tentative logging -- sometimes a chance detail included can help another person positively identify what was tentative for you. A tape recorder is of immense help here. If you taped a slice of programming, you can go over the suspected ID over and over again. You can send it to other DXers who might be able to ID it. And, most importantly, you have a record of what you heard in case an editor or subsequent reporter questions it. Most big-name DXers keep a tape recorder patched into their radio whenever they DX -- ready at a moment's notice to record their catches. Get into that habit and you will find that what you thought was a 250 watt Tierra del Fuego station is actually a 5 kW YV, and you will thank your lucky stars that you found it out before you sent it in to W/H.

Next month I'll talk about the usefulness of lists in DXing -- how the WRTH and DX bulletin listings can help or hinder your identification efforts.

Meanwhile, remembering that every logging not including a language designation is in SS, I present to you:

SOUTH AMERICA

Jarrett, CT)

- ARGENTINA**
- 5881 0130 R. Rivadavia, ID @0130, tlk, QRM (333; 6/27. Lewallyn, GA)(0048; 222; 6/17./
 - 5985 0001 R. Splendid, wild ancmts, OM tlk mentioning Buenos Aires, px: "Revista del Aire," (323; 6/14. Lowe, AR)
 - 6060 0905 R. Nacional, nx; (343; 6/10. Jones, MS)(0006; sx event; 322; 6/14. Lowe, AR) (0800; 444; 6/28. Huffaker, Mexico)
 - 6120 0811 R. El Mundo, Argentine mx, TC, ID (434; 6/28. Huffaker, Mexico)
 - 9690 0038 RAE, OM tlk, nx? (333; 6/23. Howell, CA)(0015; 433; 6/14. Eddie, MO)(0650; 111; 6/16. Kern, CA)
 - 9710 0030 After sports coverage, heard ID for R. Antártida, 6/20 @0030; good signal. This is no doubt the R. El Mundo xmitter, but it is not clear whether such programming from another MW station should make this a separate "station" (Hauser, TN)
 - 11780 0105 R. Belgrano, mx px; (444; 6/13. Eddie, MO)

BOLIVIA

- 3481 0140 R. Padilla, rock mx, (not EZL as previously reported by others) "Tragedy" by Andy Gibb, LAM tlk, IDs (taped) (222; 6/28. Jarrett, CT)(0123; sedate tlk, UTE QRM, 322; 6/22. Lowe, TN)
- 4697a 0031 R. Riberalta, OM echoing armts, first time this was strong enough to hear that he echoed (242; 6/14. Lowe, TN)
- 4718 0320 Radiodifusora Abaroa, plays "Bridge over the River Kwai" at s/on; "En nuestros estudios exactamente 23:30; 11:30; CP136, 4760 kilociclos, 60m; R.dif. Abaroa" to Buenos Noches; (222; 6/13. Greenwood, PA)(0036; crummy mod; 232; 6/14. Lowe, TN)
- 4739 0126 R. Mamoré, seeming instrumental mx, very weak in the noise, also a sig on 4729 which might be R. Frontera (222; 6/22. Lowe, TN)
- 4797 0120 R. Nueva América, OM/YL tlk, IDs for R. Nueva América, mx sounded like LAM disco, very upbeat instl/vocals, weak but readable; noise level and QRM high (222; 7/2. John&Kathy Trautschold-WI)(Hail to the Chief and First Lady! Glad you're DXing. The family that listens together and all that. ch.)
- 4830 0403 R. Grigotá, special xmission with political talks (apologizing for the expulsion of the American Ambassador)(333; 6/21. Faccioli, Uruguay)
- 6034.4 0220 R. Panamericana, sx, into nx @0228; mx on piano, 0035 ad for Abba's; low het from Globo 6035.0 (222; 6/25. Novello, NY)(0106; mx, no sign of Brazil; 6/16. Radcliff, IL)
- 6090 1004 R. Stentor, ID, quickie nx; very good; (6/24. Radcliff, IL)

BRAZIL

CT)

- 3335 0043 R. Clube de Conquista, PP, Braz. mx, OM w/ ad; clear ID; (333; 6/25. Jarrett, 4765 0445 R.Nac. Cruzeiro do Sul, PP, test xmission w/ Braz. mx themes, 0500* w/ ID; (433; 6/7. Faccioli, Uruguay)(0433; 444; 6/28. Huffaker, Mexico)
- 4775 0825 R. Cultura de Sergipe, PP, many mentions of Sergipe, tough ID, hyper anc; upbeat Braz. mx; 6 pips @0900; (322; 6/4. Greenwood, PA)
- 4755 0738 R.Dif. Maranhão (missort, sorry!), PP, discussion between several people, angry OM, ID @0800 (gd; 6/24. Radcliff, IL)
- 4785 *0800 R. Ribamar, PP, mellow melody, then full/clear ID by OM, then upbeat Brax. mx; (333; 6/24. Greenwood, PA)
- 4795 0735 R. Tabajara, PP. upbeat Braz. mx, ads, IDs, hyper station (222; 6/24. Greenwood, PA)(0839; 242; 6/13. Howell, CA)
- 4835 0250 R. Nacional de Boa Vista, PP, LAM mx, tlks, ID, NA, 0300* (fr; 6/30. Holland, NY)
- 4895 0840 R. Baré, PP, LAM mx, ID, heavy QRM (6/24. Holland, NY)
- 4895 0810 R. Cultura de Bahía, PP, mx, ads, ID (343; 6/29. Huffaker, Mexico)
- 4905 0150 R. Relogio Federal, PP, nx, ads, TC every minute (322; 6/10. Stone, ON)
- 4905 0810 R. Araguaia, PP, no audible sig @0758; poorly modulated signal w/ QRM @0810; lots of yips, also animal calls (422; 6/24. Greenwood, PA)
- 4985 0057 R. Brasil Central, PP, pop mx, ads, TC, fast ID (443; 6/30. Jones, MS)(0120; 433; 6/10. Stone, ON)(0040; 353; 6/14. Eddie, MO)
- 5035 0037 R. Aparecida, PP, muzak, light vocals, ID @0044 (323; 6/12. Lowe, TN)(0058; 6/8. Holland, NY)
- 5045 0038 R.Dif. Presidente Prudente, PP, pop mx, OM echoing tlk (of course), many possible IDs starting w/ "...Difusora..." OM ancd "You Light Up My Life," in accented EE! Mixing with Para. (323; 6/12. Lowe, TN)
- 5965 0045 R. Guaiba, piano mx, OM in PP, (fr/gd; 6/16. Radcliff, IL)
- 6000 0130 R. Inconfidência, PP, ads, ID, bouncy mx; (443; 6/26. Jones, MS)
- 6065 0530 Radio Nacional Brasília, PP, OM, nx, ID @0539 (434; 6/11. McSkimming, CA)
- 6125 0932 R. Nacional, PP, pop mx, ID @1002; (6/25. Radcliff, IL)
- 6185 2328 R. Bandierantes, PP, OM amnts, ads, electric effects, //11925 444 (342; QRM; 6/12. Lowe, TN)
- 9585 0910 R. Excelsior, PP, OM w/ long tlks, mx 0921-0930, ID (fr; 6/24. Radcliff, IL) (0142; 233; 7/3. Howell, CA)
- 9645 2310 R. Bandeirantes, PP, tlks by enthused OM anc; amnts; ads for futbol, pop mx interludes, IDs as simply "Bandeirantes" in shouted amnts (333; 6/8. Cunningham, OH)

NO ROOM TO CONTINUE HERE. DID I MEET YOU AT KAP'S?? OR DIDN'T YOU COME?

BRAZIL -- (continued)

- 9675 0057 R. Marumbi Limitada, PP, NA; ID as above, EZL mx, (322; 5/23. Howell, CA)
 9695 1015 R. Rio Mar, PP, tlks, ID (6/24. Holland, NY)(333; 6/5. Cunningham, OH)
 9705 0042 R. Nacional Rio, the old Maua/Ipanema tx back in service (glad of this one, too -- I couldn't get them when they were either one!), PP OM anmts; (322; 7/7. Lowe, TN)
 15265 0957 R. Excelsior, PP, IDs, ads; (333; 6/24. Farmer, TN)
 15290 0258 Radiobrás, EE, OM w/ akeds, 0300*. Back @0305 w/ px to Africa in EE; no R. Sweden hrd on this fgy (554; 6/16. Creamer, CO)(0206; 333; 6/10. Jarrett, CT)(0230; 434; 6/11. McSkimming, CA)(0416; 544; 6/24. Mappin, WA)+14.
 15445 2315 R. Nacional Brasília, PP; OM ancr; mx; ID @2315; (444; 6/29. McSkimming, CA) (2335; 544; 6/29. Thompson, CA)(0030; 544; 6/11. Stone, ON)

CHILE

- 9550 1108 R. Nacional de Chile, OM px on Brazil, IDs, PSAs, (444; 6/21. Lowe, TN)
 15150 2354 R. Nacional de Chile, mx, (433; 6/11. Berkholtz, MN)

COLOMBIA

- 4800 0305 R. Lara, LAM mx, ID w/ echo, "R. Lara, en todo el mundo," bad het (333; 6/19; 4810 1000 R. Guatapurí, ads, LAM mx, "B.D., Colombia;" repeated; (354; 6/27. VanBurden, CA)(0402; 444; 6/28. Huffaker, Mexico)(0310; gd; 6/30. Holland, NY)
 4845 0404* R. Bucaramanga, ID, fgy, calls, NA, (6/4. Radcliffe, IL)
 4855 0100 R. Neiva, reactivated, tnx to Henry Lazarus for phoned tip; Colombian ballads, ID @0230 after drumbeats -- "Es R. Neiva, la más música!" (ex/fr; 7/8. Hansen, NY)(1028; Col. pop mx, horns and all, many anmts, long tlks by OM, mentions Neiva (Nay-ba) often, ads @1042 mentioned Neiva and Huila ("of which Neiva is the capital city). 433; 7/7. Lowe, TN)(1035; 443; 7/5. Jones, MS)(program of LAM mx entitled 'Panorama Musical.' Many anmts by OM, including TCs, beginning w/ words: 'En R. Neiva la hora nacional...' Some recorded anmts about the program but no ads. Full recorded ID @0457 w/ calls, fgys and slogan "R. Neiva, en la cumbre de la popularidad." @0457 anmt by OM of end of daily transmission. NA @0459; 0500*. Very strong sign, although some static. 0414-0500*. 7/8. Lazarus, IA)
 4865 0855 LV de Cinaruco, mx, ID (gd; 6/11. Brewer, TN)
 4875 0454 LV del Norte, mx, ID, ads (444; 6/26. Huffaker, Mexico)
 4885 0430 R. Centro Popular, ID @0430/0455*: "Esta es R. Centro Popular en Villavicencio... Ondas del Meta." New ID for old station. mx from romántico to merengue (333; 6/11. Greenwood, PA)(0849; 6/14. Holland, NY) faker, Mex.)
 4945 0700 Radio Colosal, OM DJ, mx; (323; 6/26. McSkimming, CA)(0502; 444; 6/28. Huffaker, Mex.)
 4965 0604 R. Santa Fe, LAM mx, IDs (444; 6/28. Huffaker, Mexico)(0917; 333; 6/21. Cucura, PA)(0310; 6/8. Holland, NY)(0218; 333; 6/26. Jarrett, CT)
 4975 *1010 Ondas del Orteguzza, ID, NA, chimes, ID; well above the ute on that fgy; (433; 6/26. Jones, MS)
 5010 0523 R. Surcolombiana, mx, ID @0525; ads (444; 6/28. Huffaker, Mexico)
 5020 0240 Ecos del Atrato, live futbol bc; (453; 6/14. Eddie, MO)
 5040 0612 R. Cinco, IDs, LAM mx, "...en Cinco..." (343; 6/29. Huffaker, Mexico)
 5095 0900 R. Sutatenza, s/on, skeds, (444; 6/26. Farmer, TN)(0057; 555; 6/27. Lewallyn, GA)(0128; 444; 6/4. Jarrett, CT)(0317; 333; 6/12. Bickel, CA)(0150; 433; 7/1. McLean, NY)(0324; 434; 6/15. Heyman, NY)+4.
 5955 *0934 LV de los Centauros, usual NA, ID, calls, fgys (443; 6/25. Jones, MS), IL
 6015t 0815 R. Mira, LAM Disco mx, no ID hrd; (333; 6/12. Howell, CA)(fair; 6/18. Radcliff
 604Q 0958 LV de Tolima, another Colombian rises from the grave; ads, one for Pepsi, OM tlk, into campesino mx @1004 w/ wild horns and violins, etc. Razy sound quality (434; 7/7. Lowe, TN)
 6085 0942 R. Super de Calif, LAM folk/cowboy vocal mx, TCs, IDs, brief anmts by OM between songs, (232; 6/2. Cunningham, OH)(0754; 444; 6/28. Huffaker, Mexico) (0838; 443; 6/14. Howell, CA)(0900; 6/24. Holland, NY)(0955; thot I had Ondas de Darien but per tip Jack Jones on DXDigest, now realize this as R. Super de Calif; buried by DW @0955; 333; 6/26. Greenwood, PA)
 6115 1030 LV del Llano; full ID and lively music (354; 6/28. Van Burden, CA)(0355; 422; 6/14. Farmer, TN)(1015; 444; 6/14. Faccioli, Uruguay)(0738; 444; 6/28. Huffaker, Mexico)(1100; 'Fiesta de los Padres' (Father's Day); ID as name + call; 545; 6/14. Boehm, TX) faker, Mex)
 6150 0926 LV del Huila, ID, TC, LAM mx (333; 6/19. Leeman, RI)(0730; 444; 6/28. Huffaker, Mex)
 6170 0918 LV de la Selva, ID, local nx, mx (454; 6/25. Jones, MS)
 15333 0318 R. dif. Nacional de Colombia, Baroque-sounding vocal classical mx, (11/1792 - 423; 9635 - 312) no IDs heard (433; 6/17. Blaize, LA)(0430; 333; 6/24. Traver, CA) (0245; 433; 6/11. McSkimming, CA)(0430; 433; 6/24. Mappin, WA)
 15500 0155 R. dif. Nacional de Colombia, beautiful mx, OM tlk @0200; 1 1/2 hr solid mx; (444; 6/29. Forbes, TX)

ECUADOR

- 3220 0955 Quechua, Andean mx, time pips @1000; (343; 6/21. Ray, PA)
 6050 0414 OM, tlk, relig. mx; (454; 6/18. Carrell, OR)
 6100 0550 EE, rel. mx; OM ID @0554; nx, cmt on Braz. floods, (444; 6/11. McSkimming, CA)

HCJB CONTINUED ON NEXT PAGE. BAD LUCK AGAIN - I'VE BROKEN ANOTHER MOLAR!

ECUADOR -- HCJB -- (Continued)

9745 0920 EE, DXPL, mystery IS, (555; 7/7. Coleman, MA)
 15015 0152 SPUR, typical HCJB rel. px, weak and //15155; apparently still having these problems as recently reported (6/17. Cunningham, OH)
 15115 2315 Chinese, English course; bilingual reading of a tale (533; 6/15. Faccioli, /Uruguay)..
 15155 0030 EE, IDs, The Bible with J. Vernon McGee, (353; 7/5. Thompson, NM)
 15300 2130 HCJB moved here for the 2130-2200 xmission (including DXPL in EE Mon/Thu/Sat) first noted 6/1. Much better; also on 17825; 21480 (Hauser, TN)
 26020 0133 EE, OM nx, tid-bits, history of space travel (323; 6/21. Mc-Skimming, CA)+22 FROM CHARLEY HOFFMAN OF MANHEIM, PA comes:
 "I wrote to HCJB concerning the 100 W test bc on 26020 kHz and suggested a further reduction in power to 10 W...I received the following reply from Mr. John Stanley, Chief Engineer of Operations: "We are seriously considering your suggestion for a 10 W test on 26020. We have had a number of requests from Australia and New Zealand for a similar test. This project has no budget; it is being done by some of the engineers at HCJB as a hobby project. I have done some thinking about how to drop the power to 10 W for a test. If we do plan a test at 10 W, I will try to let everyone know. I think we will wait until fall when conditions are better." Thanks, Charley!

3280 1027 LV del Napo, IAm mx, TC, dedications between numbers, OM DJ, ID: "Esta es Radiodifusora Cultural, La Voz del Napo," (343; 6/28. Huffaker, Mexico)(0342; 6/16/. Radcliff, IL)
 3380 1049 R. Iris, mx, armts w/ echo; ID @1052; (444; 6/28. Huffaker, Mexico)
 3390 1004 R. Zarcacay, mx, musical ID @1012 (444; 6/28. Huffaker, Mexico)
 4765 1030 C.R.E., OM, rel. mx., OM interviewing Catholic bishop (444; 6/27. Barr, CA)
 4680 0042 R. Nacional Espejo; OM tlk (533; 6/28. Lewallyn, GA)(1045; 444; 6/27. Barr, CA)(0440; 222; 6/11. McSkimming, CA)(missort, sorry!)
 4800 0622 R. Popular, tropical IAm mx, ID's, excellent signal this hour when channel is clear (444; 6/28. Huffaker, Mexico)(0313; 333; 6/12. Farmer, TN)
 4830 1058 R. Luz y Vida, Mx, ID @ 1059; (444; 6/28. Huffaker, Mexico)
 4870 0300 R. Rio Amazonas, mixed bag of mx, tlk by OM, clear IDs (222; 6/15. Jarrett, CT)
 4890 0330 R. Centinela del Sur, rock guitar behind promos and at IDs, Buenas Noches song @ s/off; then full ID/NA (322; 6/23. Greenwood, PA)
 4920 0220 R. Quito, TC, ads, ID, calypso tunes, long stretch of time w/out carrier; (333; 6/15. Jarrett, CT)(0400; 6/8. Holland, NY)(0320; 333; 6/12. Farmer, TN)

GALAPAGOS ISLANDS -- LV de Galapagos Traver, CA)...
 4810.3 0556 2 OM, sounds like one repeating after another, possibly an ad, mx (232; 7/3./

GUYANA -- GBS

5950 0915 EE, Morning Show, C&W mx, ID @0918; (454; 6/28. Lewallyn, GA)(0827; 422; 6/30 Whetzel, IN)(0903; px from Guyana Protestant Church; 333; 6/19. Kegel, MD)

PERU

4860 0446 R. Chinchaycocha, IAm/Andean mx, IDs (243; 6/29. Huffaker, Mexico)
 5015 0435 R. Moyabamba, new station, ads, OM, mention of Moyabamba, TC, more pop vocals, fuzzy modulation (323; 6/13. Lowe, TN)
 5970 0505 R. El Sol, OM, wld./SoAm. nx, ID @0523; abruptly wiped out by QRN at 0527 (323; 6/17. McSkimming, CA)(0408; 433; 6/18. Curnell, OR)(1033; 343; 6/26. Jones, MS)(0418; 6/22. Radcliff, IL)(0510; 434; 6/28. Barr, CA)
 6020 0057 R. Victoria, YL vocal, OM ancrw/ ID; weird reception - first time ever in the PM. Weak but clear (243; 6/12. Lowe, TN)(0550; ID: 'R. Victoria desde Lima, Perú, la emisora de su música'; 433; 6/12. Faccioli, Uruguay)(1115; 322; 6/27. Van Beurden, CA)

SURINAM -- SRS

4850 0151 EE, 'Saturday Night Special,' disco, reggae, TCs, ID by hyper OM (333; 6/15. Jarrett, CA)(0235; fr; 6/30. Holland, NY)

URUGUAY

9515 0130 S.O.D.R.E., mention of Uruguay, mx, definite ID @0258 (223; 6/28. Creamer, CO)
 11835 0007 R. El Espectador, speech by OM, cmt on same, mentions of Espectador and Uruguay, (322; 6/11. Lowe, TN)
 11885 0045 S.O.D.R.E., SS/EE, OMM, SS px/mx; YL in EE w/ ID, features, mx, fqys, addr., (232; 6/16. JCF Kegel, MD)

VENEZUELA

3255.1 0215 LV del Tigre, slow, romantic mx, ID (6/25. Novello, NY)
 3275 0118 R. Mara, ID, TC, guitar mx, vocals (444; 6/13. Jones, MS)(0103; 6/12. Holland, NY)(0022; 333; 6/11. Cucura, PA)(0135; 454; 6/13. Eddie, MO)(0320; 322; 7/6. Blaize, LA)
 4760 0202 R. Frontera, IAm mx, ads and IDs as 'R. Frontera Internacionalísima,' armt of fqys. by OM @0255, then a march 0255-8, armt by OM of end of xmission @0258; NA 0259-0301*; (343; 6/25. Lazarus, LA)(1003; s/on about 1000; 352; 6/26. Jones, MS)
 4770 0000 R. Bolívar, IAm mx (454; 6/27. Lewallyn, GA)(0110; 333; 6/23. Stone, ON)(0055; IAm vocal mx, IDs, jingles and TCs, (253; 7/2. John/Kathy Trautschold, WI)

MORE VENEZUELA ON NEXT PAGE. KEEP DXING! TNX TO DANIEL FACCIOLI FOR GREAT REPORTS!

VENEZUELA -- (Continued)

Mexico)....

- 4800 0354 R. Lara, s/off, NA, UTE QRM (322; 7/6. Blaize, IA)(0442; 444; 6/29. Huffaker, /
 4860 0230 R. Maracaibo, mx; (343; 6/13. Eddie, MO)
 4930 0342 LV de La Fe, LZM ballads, ID (6/8.Holland, NY)
 4940 0958 R. Yaracuy, s/on, NA, fgys, staff, mx (444; 6/29. Huffaker, Mexico)(1000;
 354; 6/27. Van Beurden, CA)(0353; 343; 6/18. Cucura, PA)+1
 4970 0334 R. Rumbos, OM tlk, doorbell between nx items, (322; 6/15. Heyman, NY)(0402;
 333; 6/18. Cucura, PA)
 4980 0930 Ecos del Torbes, LAm mx, OM ancr; (444; 6/21. Ray, PA)(0330; 444; 6/15. Hey-
 man, NY)(0225; 544; 6/26. McLean, NY)
 4990 0210 R. Barquisimeto, typical LAm mx, short pause, more mx, quick ID @0219 (433;
 6/26. McLean, NY)
 5030 0309 R. Continente, OM ancr; mx, ID, nx; (343; 6/12. Bickel, CA)(0200; 333; 7/1.
 McLean, NY)(0408; 444; 6/29. Huffaker, Mexico)(0335; 322; 6/18. Farmer, TN)+4
 5040 *0911 R. Maturin, big choral NA, martial mx, calls, fgys, ID (453; 6/18.Jones, MS)
 6120 0950 R. Angostura, TC/ID after long string of ads (343; 7/3. Jones, MS)
 6180 *0937 R. Turismo, NA, ID, fgys, mx; (453; 6/20. Jones, MS)
 9660 0330 R. Rumbos, mx, OM w/ ID @0331; (333; 6/26. McSkimming, CA)

NORTH AND CENTRAL AMERICA**ANTIGUA**

- 6040 *0120 DW, EE, nx, to s/off (434; regular, Whezal, IN)(0450;454;6/22.Earhart, PA)
 9545 0502 DW, GG, OM w/ nx, ID (444; 6/22. McSkimming, CA)
 9735 0802 DW, GG, world nx, (544; 6/24. Miller, CA)
 11785 0200 DW, EE/SS, ID (433; 6/1. Berkholtz, MN)

BELIZE -- R. Belize

- 3285 0325 EE, boogie and disco mx, typical caribe 'singing' accent (322; 7/6. Blaize, LA)
 (0400; 252; 6/11. Huddleston, TX)(0207; 323; 6/12. Farmer, TX)(0109; 6/12.
 Holland, NY)(0125; 222; 6/28. Jarrett, CT)

CANADA

- 5960 0401 RCI,EE, world nx (454; 6/26. Wampler, VA)+8
 6005 0410 CFCX, EE, call-in show (423; 6/14. Eddie,MO)
 6070 1418 CFRX,EE, mx, ads, tlk (433; 6/8. Conver, KY)(2016; 342; 6/26. Wampler, VA)
 (1407; 233; 6/18. Johnson, IL)
 6160 2204 CKZU, EE, OM, nx, (333; 6/25. Curnell, OR)(0705; 222; 6/29. McSkimming,CA)
 9535 0400 RCI, EE, nx, DXD, (Miller, CA)
 9580 *1200 RCI, EE, "Sunday Morning," (544; 6/8. Whetzel, IN)
 9625 2202 RCI, EE, nx, (433; 7/9. Fournier, VA)(1647; 455; 6/22. Johnson, IL)
 9655 0325 RCI, EE, OM, tlk show, (455; 6/2. Lindley, AL) zel, IN)
 9755 *2200 CBC Domestic Service; EE, "World at 6," "As It Happens" (444; regular; Whet-
 11770 1600 CBC NS; EE, Quirks & Quarks, (433; 6/21. Whetzel, IN)
 11940 0200 RCI, EE, nx; (433;5/24. Miller, CA)
 11955 1300 As of 6/15. RCI replaced 9580 with 11955 for the Sunday Morning relay, at 1300
 to 1600. A tremendous improvement -- loud and clear signal for a change...The 16m
 parallels remain poor here, but on 6/8...(in North Carolina), 17880/17710 were ex-
 cellent, strongest signals on band. Sure helps to be closer to the beam (Hauser,
 TN)(Why don't you move up here to the Bronx, Glenn! On some of the newer solid
 state radios I can get RCI all over the 49mb! hi! ch)(322; 6/29. Nebron, CA)(1300;
 444; 6/15. Whetzel, IN)(1306; 545; 6/15. Conover, KY) holtz, MN)
 15325 2216 RCI, EE, even in Zimbabwe (433; 7/8. Fournier, VA)(2233; 333; 6/13. Berk- /
 17710 *1400 CBC, Sunday Morning, nx, jamming and QRM (222; 6/29. Nebron, CA)
 17820 1805 RCI, EE, nx; (333; 6/13. Berkholtz, MN)
 17875 2015 RCI, EE, cmt on Olympic Boycott (455; 6/16. Lindley, AL)(2115; 232; 7/2.
 McSkimming, CA)(2120; 322; 5/22. Loren, CA)(1900; 433; 6/15. Whetzel, IN)
 17880 *1300 CBC, Sunday Morning, (322; 6/29. Nebron, CA)

COSTA RICA

- 4832 0445 R. Reloj, OM, pop mx px, TCs for 11:45 local time, band conditions not as good
 as normal, rather weak (333; 6/12. John/Kathy Trautschold, WI)(0358; 333; 7/7.
 Plotnick, CT)
 5055 0337 Faro del Caribe, EE, OM ancr w/ rel. px. and organ mx. I heard //9645, 243;
 0355* (443; 7/1. Guess Who? PLEASE SIGN YOUR LOGGINGS!!!)(0310; 323; 6/11. Bickel,
 5954 0513 R. Casino, EE, OM DJ, LAm/pop mx, ID, call (333; 6/12. Howell, CA) CA)
 6006 0425 R. Reloj, LAm mx, OM ancr; also on 4832 (not quite as loud) whistling accom-
 paniment, (423; 6/25. Forbes, TX)(0550; 454; 6/8. D'Angelo, PA)(0900; 444; 6/14.
 Barr, CA)(0850;353;6/4.VanBeurden, CA)(0955; 444; 7/7. Coleman, MA)(1005; 433;
 6/17. Curnell, OR)(0923;554;6/28. Lewallyn, GA)
 6076 0820 R. Rumbo, LAm mx, ballads, OM tlk, mentions of Rumbo (352; 6/20.Howell, CA)
 9615 0256 R. Noticias del Continente, still here w/ OM/YL alternating comment, sounding
 a lot like Cuba. Calls, fgys, ID (7/3. Novello, NY)

CUBA ON NEXT PAGE. HAVE HAD TROUBLE WITH MILL, SO PLEASE EXCUSE ERRORS, SMUDGES, ETC.

CUBA
5045

- 1055 RMWS, EE, loud and razzzy Mosco px, usual creative nx on the hour after IS and ID. What in the name of MOSFET (the God of Semiconductors (hi!)) are they doing down here? (I believe, Derek, that in the Batista era, Cuba (which is barely in the tropic zone as far as the ITU is concerned) had several private stations in the tropical bands. When Castro took over, these stations were closed. However, I guess they've reactivated one. After all the activations of LWde Cuba, RMWS, and RHC on medium wave and now the tropical bands, I suppose I'll be hearing them on my toaster and the fillings in my teeth. ch)(Tnx to tip from Jack Jones, this new outlet hrd 7/1 from 1000. Though Cuba is (barely) in the tropics, they have never (deliberately) used the 60 mb since the revolution, and the pre-1959 private SW stations were mostly on higher out-of-band fqys. RMWS relay hrd at first, but around 1020 they switched over to Voice of Cuba (an EE px resembling RHC, but with a different address). ...5045 off @1102 (Hausern, TN)(1010; RMWS, audio quality poor, nx about Olympics, low-grade link somewhere along line; 453; 6/20. Jones,MS)
- 5965 0023 RHC, polka-style mx, ID @0958* (6/20. Radcliff, IL)
- 9505 0730 VOC (Voice of Cuba), EE, DXer letters between records (554; 6/25. Creamer,CO)
- 9525 0650 RHC, EE, "Spotlight on Latin America," poor mod (544; 6/17. Van Beurden, CA)
- 9600 1000 VOC noted 7/1 1000 // 600 kHz MW, but around 1020 swapped with RMWS px on 5045. I doubt that Voice of Cuba is deliberately carried on SW, the domain of RHC, but their slipshod timing and px feeding allows it to be heard sometimes on this fqy (Hauser, TN)(0950; VOC, ID, rcpt. rpts. to be sent to P.O. Box 6017, Havana — this is address for Havana MW bcs; yet, @1126, OM asked for px suggestions to be sent to P.O. Box 7026, Havana. 555; 6/14. Boehm, TX)
- 9685 0050* RHC, s/off w/ IS, ID, fqys (444; 6/23. Howell, CA)
- 11760 0337 RHC, EE, world nx, OM/YL ancrs; (444; 6/1. Lindley, AL)(0521; is someone jamming them? (I hope so. ch); 422; 6/10. Traver, CA)+6
- 11930 0140 RHC, EE, Speech by P.M. of Grenada (343; 6/29. Smith, FL)
- 15155 2011 RHC, EE, nx, (444; 7/8. Fournier, VA)(2100;333;6/13. Conover, KY)
- 15340 0215 RHC, ID; (333; 6/12. Berkholtz, MN)

DOMINICAN REPUBLIC

- 4930 0305 R. Mil, Lam ballads, ID @0310 (343; 6/18. Ray, PA)(0345; 353; 7/6. Eddie,MO)(0145; 6/22. 333; Conover, KY)(0425; ID: Esta es HIBE; 444; 6/29. Huffaker,MEXICO)(0205; 322; 6/10. Stone, ON)(0054; 453; 6/28. Lewallyn, GA)
- 9470 1045 RTVD, General tlks, nx, faint (6/8. Holland, NY)

EL SALVADOR — R.Nac. de El Salvador

- 9552 0156 OM singing, ID @0203; skeds read w/ times @0204; (333; 6/22. Farmer, TN)(9553a; 0004; bouncy mx, report on Honduras by YL, mentions of Salvador; (423; 6/21. Lowe, TN))(*1051; Multi-note IS to 1054, then NA to 1058; complete ID by OM w/ call & fqys, into campo. mx w/ tlks; 333; 6/29. Cunningham, OH)(0100; 353; 6/22. Eddie, MO)(0023; poor; 6/22. Fisher, MA)(0126; 0132*, rather abrupt; 343; 7/2. Howell,CA)(2300; 444; 6/22. George, TX)(2213; OM in SS past 2300; 6/18. Radcliff, IL)

GRENADA — Radio Free Grenada

- 15045 2325 EE, rock ms to 2330; nx, sx; (333; 6/19. Thompson, CA)(2250; 254; 7/1. Johnson, IL)(2204; ad for "Odor-Rolla Deodorant" 333; 6/18. Farmer, TN)(2301; 232;6/23. Lucas, CA)(2204; 242; 6/12. Heyman, NY)

GUATEMALA

- 3300 0315 Radio Cultural, EE, rel. px; (253; 6/30. Zelle, MB)(0145; 453; 6/14. Eddie,MO)
- 3360 0330 LV Nahualá, Marimba, other Lam mx; lots of tlk (322; 7/6. Blaize, LA)
- 5980 0429 AWR/Union Radio; EE, ID/calls; (332; 6/9. Famularo, CA)(Welcome to the staff, Ralph! ch)(0400; 444; 6/10. Huddleston, TX)(0459; 343; 6/12. Kegel, MD)
- 6180 1013 R. Nac. de Guatemala, OM ID, Lam mx, (443; 6/22. Famularo, CA)(1007; gd; 6/22. Holland, NY)(0818; armt. of px for Guatemalans living abroad; 444; 6/28. Huffaker, Mexico)(0758; tlks on communism and socialism; 6/3. Holland, NY)
- 9760 0045 R. Nac. de Guatemala; nx, mx breaks (454; 6/22. Eddie, MO)

HAITI — 4VEH

- 11835 1115 EE, "Living Bible," (443; 6/21. Fraser, MA)(1217; 353; 6/5. Cucura, PA)(1115; 332; 6/28. Forbes, TX)(1204; 333; 6/14. Farmer, TX)

HONDURAS

- 4820 0400 HRVC, LV Evangelica, EE, rel. px; (444; 7/7. Plotnick, CT)(6-note synthesized IS; 433; 7/6. Blaize, LA)(0301; 242; 6/27. Lewallyn, GA)(0305; fr; 6/30. Holland, 4890 0302* R. Lux, música romántica; rapid s/off @0302*, no NA; (222; 6/12; //NY) Greenwood, PA)(0843; poor mod; 6/14. Holland, NY)

MEXICO — With his loggings, reporter Carl Huffaker in Mexico City sends the following: "Electrical rationing (is in force in Mexico at this time; it) consists in blacking out different areas on different schedules for two half-hour periods each evening. The cuts are made at main distributing points so everyone, private, commercial, and government is affected. The broadcast stations go off the air when their particular area is out, and return when the power returns....At present, the large industrial users are trying to negotiate a change in the schedule of "cortes" so they can close one day a week (continued)

MEXICO -- (Continued)

instead of having the workers sit around for two half-hour periods a day. For myself, I operate from 0200-0230 and 0330-0400 GMT w/ a batter-operated RF-2200 by candlelight. This has been going on for a week now (letter dated 6/28/80. ch) and will continue, with unannounced schedule changes, until enough rain has fallen." Thanks, Carl, for your letter. When XERMX suddenly goes dead, we'll now know why. ch

5985 04J9 XERMX, La Hora Nacional, 0510* (6/22. Radcliff, IL)(0239; 443; 6/15. Jones, MS)
6105 0420 Su Pantera, disco mx ("Higher and Higher") ID @0442; (6/18. Radcliff, IL)
6115 0030 R. Univ. de Sonora, mostly class. mx. (454; 6/19. Thompson, NM)(0000; 433; 6/10. McSkimming, CA)

15430 2345 XERMX, 2352 "Mexico in One Minute," to 2355 (Long minute! ch)(433; 6/13. Eddie, MO)

17765 0030 New sked from R. México shows "La Hora de México" as being an EE px; GMT Fridays (only) @0020-0130. I have not had any success in confirming their "Mexico in a Minute" features supposed to be in EE at various other times. Reception is awful, and when I could get a barely readable signal, there was no EE. However, 6/20 around 0100 they faded up briefly atop AFRTS, and sure enough, they were talking, in EE, about Mexican mx. The other four fqys. are completely useless (15430 also AFRTS, 11770 Moscow, 9705 some Arab, 5985 Argentina) and this one is almost completely useless. A station desperately in need of some good, flexible fgy. management (Hauser, TN)

NETHERLANDS ANTILLES -- This month I'll print fqys. only: RN 6165 @0230; 9590 @0248; 9715 @0549; 9770 @0730; 15220 @2205; 15315 @2351; 27695 @2320. TWR: 11710 @0429; 11925 @0000; 15205 @2200; 15440 @*2330.

NICARAGUA

6120 1147 R. Zinica, LAM mx, OM ID, tlk about the station; (433; 6/17. Howell, CA)
11837 0000 LV de Nicaragua, severe QRN; tlk (352; 6/22. Eddie, MO)

UNITED STATES OF AMERICA

6065 0716 R. Clandestine, rock tunes; cLaims to be in int'l waters; Kinko the Clown; (555; 6/21. Radcliff, IL)

6140 2208 R. Clandestine, quiz show parody; (453; 6/7. D'Angelo, PA)

6232 0625 Ram Radio, EE, Pomp-rock selections (Wotthehell is 'pomp-rock?' ch); taped ID between each selection "This is Ram Radio transmitting on 6232 kHz." Per gh DXD 7/6 this operates 'from the sandy shores of Lake Ontario' f/out 0700 (232; 6/29. Novello, NY)

6240 0404 Voice of the Pyramids; EE, many IDs, 0419* (252; 7/6; Whetzel, IN)

6250a 0455 Voice of the Pyramids; EE, 0455 tone IS, 0500 ID by OM; (por; 6/22. Fisher, MA)

6420 0422 KVHF, EE, "Beatles -- Love Me Do"; on a lot; 6/14, 18, 19; (333; Newell, BC)

7091 0107 R. Libertad Cubana, Anthem, ID by OM, military mx, lost to QRN @0125; (333; 6/24. Cunningham, OH) Newell, BC)

7350 0525 Green River Radio, EE, low-mod; rock mx; QSL via FRC, 0533* (332; 5/26. /

7390 0555 Voice of Cripperton, RXAM, EE, first hrd 5/16 on 7390 w/ old-time radio, and not hrd again until 6/14. World mx @ top of hr; Amos 'n' Andy; and 7390, 7810 & 9620; last two not hrd; (444; 6/14-21. Newell, BC)(7394; 0624*; 332; 7/5. Howell,

7399.8 0205 LV de la Junta Patriótica Cubana, anti-Castro clandestine, seems fairly //CA) regular on 7400v, noted 6/20 @0205 w/ ID to Dvorzak mx; @0216 clear ID and sounding as if signing off; plugging another px @11 P.M. "Ventana al Mundo" @0219 after march mx; audio cut abruptly, but carrier stayed on with some other weak audio, gradually stronger. Fgy. estimated in comparison to VOA 15400 (Hauser, TN)(0326; 7400 fgy; folk/pop LAM mx, shouted exhortations and speeches by OM w/ badly-distorted audio; 333; 6/15. Cunningham, OH)(7401a *0201; 332; jammer trouble, off by 0310; 6/22. Lowe, TN)(7402; 0350; 0400:30*; 343; 7/4. Novello, NY)

9705 0600* The not indicated in their current px sked, which is printed months in advance, WYFR has taken another step toward its anticipated 24hr service. Noted 6/18 closing EE @0600 (an extension of one hr), saying they'd be back @0000 on 17845, and 0100 on 9715. They apparently switch @0500 from 9715 to 9705, as R. Mexico is off by then, and RN is soon coming up on 9715 (Hauser, TN)

14550 0207* R. Confusion, ... made an appearance @0100 6/23 on this exact fgy (though it QSYed down and up around 0147-0149). "Crazy Roger" had a down-east accent, but his sidekick, who was also "Crazy" had a much more pronounced one. ... Hard-sell ad for FRC USA "Wavelength" run a few times; ... Plugged their July bc (time/fgy not given), which would include a contest to identify six songs with 'crazy' in them, prize \$19.81. ... Modulation was distorted and unpleasant to listen to. ... Ran to 0207* s/ ID jingle closing the bc. (Hauser, TN)(*0100; 433; 6/23. Conover, KY) + 30 other USA reports.

A NOTE HERE -- I visited Harlan Bye in PA last week; while there I went to see 1977 SPEEDX-er of the Year Bill Shaw, and presented him with a long-delayed plaque stating that award. Bill is doing as well as can be expected for a man who will be 85 years young next month. His infirmities do not preclude a healthy appetite, and we enjoyed Mrs. Bye's usual good cuisine. Bill sends his regards to all SPEEDXers. SO DO I, AS THE ANARC CON. *Chris Hansen*
CONVENED YESTERDAY AND DXERS CELEBRATE IN IRVINE. HAVE FUN, AND C U N 30. *8 Arkie*

SWBC - EUROPE



EDITOR

RALPH FAMULARO
682 North 5th St. #2
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Deadline: 12th
Times and Dates: GMT
Frequencies: kHz

ALBANIA

- 7120 0237 Radio Tirana: Tlk on American exploitation of European workers (545 6/15 Johnson-IL)(Heyman-NY)(McSkimming-CA)(Fournier-VA)
7300 0345 RT: YL tearing up Carter,nx,sked, 0358* (333 6/25 Forbes-TX)
9480 2215 RT: YL cmtry,ID, tlk on Albanian education (433 Audette-MA)
9750 *0230 RT: S/on, YL world nx - ringing QRN (322 6/15 McSkimming-CA)
11985 0713 RT: Cmtry on Socialist system, ID (232 7/5 Audette-MA)

AUSTRIA

- 5945 0140 Osterreichischer Rundfunk: YL report on art exhibit in Vienna (555 6/12 Coleman-MA)(GG pgm 323 0300 McSkimming-CA)
9770 0130 ORF: Nx, features, ID @0135 (544 6/22 Binau-MD)(Johnson-IL)(343 Smith-FL)(434 Wampler-VA)(444 Fraser-MA)(433 Blaize-LA)(433 6/19 Conover-KY)
12015 0430 ORF: "Report from Austria" w/ OM nx & tlk (544 Heyman-NY) + 10
15440 0840 ORF: OM tlk on drug abuse, "Nature Notebook" (343 Audette-MA)
21500 0600 ORF: GG nx, commentary (333 6/29 Miller-CA)(444 6/7 O'Brien-AUSTRALIA)
21640 *0600 ORF: GG nx brief w/ weather report, classical & light operatta nx. This logging is a correction of a June SPEEDX typo. entry. This broadcast is an interesting xmsn in that it is beamed to East Asia w/ 56 degrees, probably received here backwave although it could be long route. ORF is using a rhombus antenna for it (353 7/2 Munster-GA)
21655 1230 ORF is another station that has exasperated me with their completely uncalled for switch from 21655 to 15290 for J80 at 1230 in EE to N.A.. After several weeks of this, I sent them a tape demonstrating their lousy signal on 15290, all the loud and clear European signals on 13m, and the open space on 21655. On 6/15 was glad to note them back on 21655. Thank you ORF. Long live 13m! (Hauser-TN)(Cucura)(Seymour)(Whetzel)(Audette)
21740 1829 ORF: IS,ID,nx, "Economic Roundup" (422 Worrel-ND)(222 0439 6/27 Smith-FL)

BELGIUM

- 15175 0020 Belgische Radio en Televisie: Nx, commentary on Socialists in Belgium (322 7/6 Blaize-LA)(444 Worrel-ND)(332+ Earhart-PA)(544 Heyman-NY)(445 Johnson-IL)(443 Smith-FL)(Berkholtz-MN)
15190 0435 BRT: Dutch mx pgm (333 6/15 Berkholtz-MN)(322 McSkimming-CA)
15385 *0015 BRT: Nx, features, cmtry, mx, DX info to 0100* (433 Whetzel-IN)(322 Hodson-MN)(444 Berkholtz-MN)(444 Wampler-VA)(443 Byron-NY)(433 Moman-ALB)(544 Stone-ONT)(444 Thompson-NM)
21460 0500 ORU (French Language Network): FF nx, rock mx (454 6/29 Smith-FL)(534 1534 6/15 Miller-CA)
21475 0620 BRT: GG IS/ID to 0626 (334 O'Brien-AUSTRALIA) And then what?..rmf.

BULGARIA

- 11750 *0430 Radio Sofia: Sked given, OM nx BBC QRM (232 6/17 Bickel-CA)(444 *2130 6/14 McLean-NY)(333 2140 6/16 Lindley-AL)
12060 0408 Radio Moscow Relay: Nx,ID, "Culture and Arts", mx, tlk on National Museum of Ancient Russian art (433 6/9 Smith-FL)
15135 2142 RS: Facts About Bulgaria & Midweek Mailbag (544 6/28 Rekich-PA)(Holland-NY)(554 Fraser-MA)(Blaize)(Audette)(Johnson-IL)
15310 2230 RS: SS OM nx,comment, classical & Bulgarian Folk mx, 0030* (444 6/21 George-TX) EE mx, nx, ID as "African Service" (433 6/28 2123 Conover-KY)
15330 *0000 RS: IS/ID world nx, cmtry on U.S. election race (444 Wampler-VA)

BULGARIA (Continued)

23470 0205 RM Relay: Russian service clear here 6/24 while fundamental
11735 had a het. on it. (Hauser-TN)

CZECHOSLOVAKIA

5930 0135 Radio Prague: YL w/ listener's letters, Slovak mx (433 6/14
McLean-NY)
7345 0100 RP: Nx, cmtry, "DX Chat" // 9740 (poor), 11990 (good) (454 6/13
Fraser-MA)(555 Wampler-VA)(444 7/2 McLean-NY)
9740 0143 RP: OM & YL announcing new members of DX club, ID, mx (422 2/?
Heyman-NY)(322 0133 6/26 Audette-MA)
11855 0830 RP: Nx, "Weekend Magazine" (534 7/5 Kiewit-HOLLAND) Welcome!..rmf.
11990 0335 RP: "Radio Prague News Magazine" (444 6/18 Cucura-PA) +11 others
15110 *0300 RP: YL world nx, terrible QRN (222 6/15 McSkimming-CA)
21525 1534 RP: Sked, ID, nx, commentary, mx (333 6/21 Smith-FL)

DENMARK

15165 1755 Radio Denmark: Usual Danish/EE IDs, Danish program (343 7/1 Lucas
CA)(Farmer-TN)(Fournier-VA)(Worrel-ND)(Hodson-MN)(McSkimming-CA)

FINLAND

15400 0328 Radio Finland: IS, ID, YL w/freq & nx (454 7/4 Earhart-PA)
(433 1303 6/16 Miller-CA)(433 Ashabranner-AR)(Conover-KY)(434
Whetzel-IN)(Huddleston-TX)(Berkholtz-MN)(Wampler-VA)(Farmer-TN)
(434 6/17 Heyman-NY)
15430 0330 RF: IS, "Northern Report" (434 6/23 Heyman-NY)(222 1930 5/26
Hodson-MN)
21465 0930 RF: Station ID & Report from Finland (554 6/7 Kiewit-HOLLAND)
21475 1440 RF: "Northern Report" (454 6/5 Van Beurden-CA)(344 Lindley-AL)
(333 Grenier-CA)(343 Smith-FL)(555 Coleman-MA)(444 Berkholtz-MN)
(534 Johnson-IL)(544 Miller-CA)(444 6/18 Worrel-ND)

FRANCE

11730 2012 Radio France International: FF general tlk (??? 6/8 Holland-NY)
Please include more details especially SIO.....rmf.
15135 0405 RFI: OM nx w/taped comments by newsmakers (343 6/24 Traver-CA)
15155 0217 RFI: FF mx pgm (433 7/4 Berkholtz-MN)(434 6/24 McSkimming-CA)
15180 0517 RFI: FF OM tlk (222 6/25 Traver-CA)
15300 1624 RFI: PCA w/OM tlk on the free French during WWII, beamed to North
Africa (333 6/18 Curnell-OR)(242 Traver-CA)(444 0553 Heyman-NY)
15315 0720 RFI: OM DJ w/FF mx, ID @0727. Discussion between OM & YL (323 6/14
McSkimming-CA)(6/7 2015 Holland-NY)
15330 1955 RFI: FF songs (Holland-NY)
15425 1908 RFI: FF Sports broadcast (??? 6/7 Holland-NY)
17720 1605 RFI: PCA w/ID, African nx & mx (222 6/20 Ashabranner-AR)
17860 1810 RFI: FF pop & EZL mx, ID, RCI QRM (fair 6/21 Holland-NY)
21515 1640 RFI: "Paris Calling Africa" w/musical heritage pgm (544 7/2
Thompson-CA)(353 1605 6/21 // 21595 Fraser-MA)
21525 1725 RFI: FF tlk on Senegal, semi-classical mx (544 7/4 Miller-CA)
21580 1605 RFI: PCA w/ reports on OAU convention (322 6/29 Johnson-IL)
Music requests // 21595 (333 6/15 Berkholtz-MN)
21595 1618 RFI: OM wld nx, PO Box 9516 // 21520, 21580 (333 6/22 Audette-MA)
21620 1755 RFI: FF mx - Mr. Tambourine Man, OM ID, freqs (444 Coleman-MA)
21645 1445 RFI: FF OM DJ, mx, 1501 ID, nx (323 6/18 McSkimming-CA)
25820 1434 RFI: FF mx (232 5/26 Berkholtz-MN) Details?.....rmf.

GERMAN DEMOCRATIC REPUBLIC

6040 0150 Radio Berlin International: SS pgm until this moment mostly
causing QRM for DW Latin American EE pgm from Antigua. At 0200
RBI continues in PP (Munster-GA)
7230 0003 RBI: Nx, mx, tlk on cosmonauts (433 6/11 Smith-FL)
9730 0145 RBI: ID, interview w/tourists in "GDR Report" (332 6/15 Worrel-
ND)(433 0103 6/11 Smith-FL)
11840 0235 RBI: OM nx, ID, excerpts from Romanian-GDR Friendship Pact
(433 6/27 Audette-MA)
11890 0240 RBI: YL nx, OM ID, mx, tlk on Detente & NATO (333 Heyman-NY)
(312 0249 6/25 Johnson-IL)(GG pgm 333 0321 7/4 Berkholtz-MN)
11975 0237 RBI: Nx, cmtry, ID, mx (343 6/30 Beeman-OH)(343 6/29 Smith-FL)
(434 5/24 Binau-MD) // 9730 (322)(222 0210 6/25 Blaise-WI)
17700 1110 RBI: SE Asian service w/ YL nx, ID, mx, cmtry on unemployment
in the non-Socialist world (433 6/29 Audette-MA)

GERMAN DEMOCRATIC REPUBLIC (Continued)

21465 1140 RBI: End of EE pgm, GG s/on @1145 (353 6/4 Earhart-PA)(433
0615 6/7 O'Brien-AUSTRALIA)
21540 1125 RBI: OM/YL Mailbag pgm to SE Asia (232 6/29 Audette-MA)

GERMAN FEDERAL REPUBLIC

3995 0200 Deutsche Welle: GG nx, ID, tlks (???) 6/14 Holland-NY)
11895 0345 Radio Free Europe: Polish YL/OM tlk, American swing music
(322 6/27 Smith-FL)
15105 0130 DW: Cmtry on Carter visit to Yugoslavia (333 Berkholtz-MN)
(544 *0130 7/5 McSkimming-CA)
15235 0150 DW: Sports program (333 5/23 Berkholtz-MN)
15275 1025 DW: Asian service w/OM nx, mx, ID, freqs & s/off @1030, // 15225
(232 7/6 Audette-MA)
17780 1802 DW: GG nx, QRM (222 6/14 Berkholtz-MN)
17795 1935 DW: OM nx - Soviet forces in Afghanistan, Chairman Hua to visit
Tokyo (433 7/8 Fournier-VA)
17845 0630 DW: GG OM announcement, mx (333 6/14 McSkimming-CA)
21560 0630 DW: FF ID "Ici La Voix D'Allemagne" into oriental language
(333 7/6 O'Brien) Alex, I'm fairly sure this is the frequency
you had tuned...rmf.....(in GG 232 1644 6/15 Berkholtz-MN)
21600 1800 DW: "Window on the World" pgm, VOA QRM (323 6/18 Johnson-IL)
21745 1552 Radio Liberty: RR YL nx (232 5/31 Beeman-OH)
**RFE/RL- Due probably to recent increased political tensions
it appears (from this QTH anyway) that Radio Free Europe &
Radio Liberty are being more arduously jammed. On 7/4 @0230
I noted 14 RFE/RL freqs in the 16, 19, & 25 mbs being effectively
jammed. Best SIO was (312).....rmf.

GREECE

9515 0217 Voice of Greece: Greek tlk & mx // 9650 (322), 11730 (212)
(222 6/25 Blaize-WI)
9655 2200 VOG: SS ID, OM nx (443 6/28 Gonzalez-NY)
11730 0145 VOG: Nx of Helmut Schmidt's Moscow visit (222 6/30 Herbert-ALB)
(433 0340 6/27 Forbes-TX)
11760 1900 Voice of America, Kavala Relay: In-depth interviews with Begin &
Thatcher (433 6/10 Conover-KY)(???) 2014 6/8 Holland-NY)
21490 1408 VOA Kavala: Special EE nx, tlk on the Shroud of Turin (242 7/4
Audette-MA)

HUNGARY

9835 0158 Radio Budapest: IS, ID, taped interviews, contest details (453
6/23 Worrel-ND)(433 Conover-KY)(343 Smith-FL)(443 0225* Drew-TX)
11910 0101 RB: OM world nx, cmtry on Venice Talks, pop mx (433 Curnell-OR)
// 9835, 15220, 17710 (444 6/24 Audette-MA)
17710 0205 RB: Tlk of new Party members in power, sports contest anct.
(444 6/30 Stone-ONT)(433 Byron-NY)(444 Loren-CA)(444 Berkholtz)
(555 7/2 Johnson-IL)
23820 0209 RB immediately identifiable w/ the unmistakable nasality &
accent of Lazlo Pinter; 2 x 11910. Fundamental as usual QRM'd
by HCJB (6/24 Hauser-TN)

ICELAND

12175 1215 Radio Reykjavik: Icelandic OM/YL w/ weather & mentions of
Reykjavik, 1257* (242 6/15 Kegel-MD)

ITALY

9575 0100 Radiotelevisione Italiana: Nx w/ short mx pgm at end (454 6/14
Fraser-MA)(333 6/12 Smith-FL)(534 6/23 Johnson-IL)
11800 *0100 RAI: EZL mx, IS, ID, nx, Italian election results (444 6/11
Huddleston-TX)(443 6/15 Worrel-ND)(333 Blaize-WI)(444 6/26
Wampler-VA)(444 Stone-ONT)(353 Thompson-NM)(412 Herbert-ALB)
15330 0400 RAI: YL nx, ID, Italian vocal mx, address - request for reports
(322 6/27 Forbes-TX)(433 0405 6/20 McLean-NY)
17795 0500 RAI: Nx, sports, TC & freq (332 6/8 Smith-FL)
21560 0430 RAI: classical mx, IS/chimes into Italian nx @0435 (353 7/4
Earhart-PA)(343 0430 6/30 Beeman-OH)
21695 1420 RAI: Italian EZL mx, ID & IS 1425* ex-21690 (343 7/4 Audette)

LUXEMBOURG

15350 1920 Radio Luxembourg: FF w/EE song "Make You" by the Pretenders, ID,
ad for Beaujolais (433 7/1 McLean-NY)(333 Ray-PA)+++++

MALTA

9565 0115 DW: IS, ID, sked, OM nx, "Current Affairs Magazine" (454 6/18 Worrel-ND)
 9670 *0700 Xandir Malta: S/on, ID, then EE pgm (232 6/21 Seymour-NC)
 ID, address, YL tlk & mx (232 7/5 Audette-MA)
 11865 *0120 DW: IS/ID, wld nx - Nato meeting in Ankara (444 Wampler-VA)++++

MONACO

9495 0655 Trans World Radio: Religious pgm, ID (343 6/21 Seymour-NC)

NETHERLANDS

11950 2210 Radio Nederland: Mx, tlk on foreign money accounts in Dutch banks, OM ID (344 6/25 Johnson-IL)
 17605 1913 RN: "His & Hers" w/Dutch mx, ID, FF @1930 (353 6/24 Worrel-ND)
 17695 *0700 RN: World & European nx, 0720* (242 6/17-Whetzel-IN)

NORWAY

9590 *0700 Radio Norway: Norwegian pgm w/EE ID (323 7/6 O'Brien-AUSTRALIA)
 9610 0226 RN: EE ID heard under Radio RSA (222 6/18 Farmer-TN)
 15175 2212 RN: Nx items about Norway, folk tunes (454 D'Angelo-PA)++++++
 15345 2210 RN: OM/YL w/stamp pgm, tlks on Norwegian climate & tourism (433 6/15 McLean-NY)
 17795 2200 RN: Nx, "Mailbag" (444 6/29 Seymour-NC) (555 6/22 Johnson-IL)
 17840 1408 RN: OM tlk on Norwegian jazz festival (433 7/6 Audette-MA)
 21655 0624 RN: Norwegian pgm, EE ID, anthem, 0630* (343 Lucas-CA)
 21730 1615 RN: OM/YL tlk on sea-travel near Norway (333 6/15 McLean-NY)

POLAND

7270 0404 Radio Polonia: OM nx, wx, excerpts from labor leader's speech (322 6/25 Audette-MA)
 9525 0201 RP: ID "This is Warsaw Calling", nx, cmtry (332 Ashbranner-AR)++
 11815 0200 RP: ID, nx, Polish folk mx (444 6/3 Cucura-PA) +++++++
 15120 0315 RP: OM/YL reading listener's letters (322 Lindley-AL) +++++++

PORTUGAL

9575 0500 Radio Portugal: OM announcer w/frequent IDs, anthem & s/off @0530 (544 6/30 Loren-CA) (444 Van Beurden-CA) (444 McSkimming-CA)
 11925 0515 RP: Week in Review nx pgm (444 6/15 Sanderson-AZ) + 11 others
 15125 0302 RP: ID, YL nx, freqs, mx (433 5/25 Hodson-MN) (354 Huddleston-TX) (444 Forbes-TX) (433 Heyman-NY) (333 O'Brien-AUSTRALIA)
 17880 1820 RP: Book review (17th Century Voyages) (333 Berkholtz-MN)
 21530 1814 RP: Mx, ID, sked, tourism pgm (253 Johnson-IL) (333 Audette-MA)

ROMANIA

5990 *0130 Radio Bucharest: ID, freqs, OM nx & cmtry (434 McLean-NY)
 9570 0135 RB: YL tlk on the advantages of Communism, OM ID, slightly biased newscast (332 6/25 Forbes-TX) (444 Stone-ONT) +++++++
 11940 1930 RB: OM nx (333 7/8 Fournier-VA) (333 0130 Berkholtz-MN) (455 6/15 0409 Heyman-NY)

SPAIN

9630 0152 Spanish Foreign Radio: DX news (544 6/22 Drew-TX) (333 Sanderson-CA) (323 McSkimming-CA) (534 Miller-CA) (423 Heyman-NY)
 11775 2030 SFR: SS nx, classical spanish mx (6/8 Holland-NY)
 11880 0055 SFR: ID, Folk mx, Spanish by Radio (444 Wampler-VA) + 13
 15290 0150 SFR: SS mx (333 6/15 Berkholtz-MN)
 15395 1940 SFR: SS general tlks (?? 6/7 Holland-NY)

SWEDEN

11705 0230 Radio Sweden: OM ID; "Mailbag", Swedish press (434 6/16 Heyman-NY) (333 Herbert-ALB) (333 Lindley-AL) (322 Hodson-MN)
 15290 0230 RS: History of SWlistening, nx (Herbert-ALB) (434 Fournier-VA)+++
 15315 0230 RS: OM cmtry on "Brain Drain" of Air Controllers, ID, 0256* (444 6/24 McSkimming-CA) (444 6/22 Drew-TX)
 15380 2300 RS: World nx (555 7/2 Somers-CA) + 6
 21615 1402 RS: Nx of heatwave in Texas, "Panorama" (434 6/30 Beeman-OH)
 21690 1204 RS: OM nx & sports, profile of new Icelandic President (333 7/4 Audette-MA)
 21700 1404 RS: YL nx, sports, tlk w/ head of Amnesty Intl. // 21615 (232 7/4 Audette-MA)

SWITZERLAND

6135 0200 Swiss Radio International: OM tlk on Swiss participation in the Common Market (534 6/12 Coleman-MA)
 9560 0700 SRI: EE ID (323 7/6 O'Brien-AUSTRALIA) More details please!
 9725 0145 SRI: Nx, "Swiss Short Wave Merry-Go-Round" (444 Whetzel-IN) (544 Worrel-ND)(333 Hodsdon-MN)(445 Johnson-IL)(444 Berkholtz)
 11715 *0145 SRI: Nx, SSWMGR mention of my letter (343 6/28 Nebron-CA)++++
 15305 0209 SRI: Cmtry on solar energy research (455 Lindley-AL) + 9
 15430 1005 SRI: Nx, "Dateline", AFRTS co-channel QRM (222 6/24 Audette-MA)
 17830 1844 SRI: YL w/freqs into GG @1845 (333 6/20 Curnell-OR)
 21520 *1315 SRI: OM ID, nx, "Jazz Panorama" // 21570 (232 Audette-MA).
 21570 1538 SRI: Swiss Short Wave Merry Go Round (323 6/28 Grénier-CA) + 7

UNION OF SOVIET SOCIALIST REPUBLICS

9640 2355 Radiostantsiya Rodina: RR cmtry (433 Berkholtz-MN) Any ID?.rmf.
 9665 0035 Radio Moscow: "Kaliadascope" pgm (333 6/2 Berkholtz-MN)
 11720 1840 RM: Mx pgm featuring Hungarian rock group (444 6/14 Traver-CA) +
 11770 2300 RM: Nx, "Moscow Viewpoint", DX pgm, mx (444 6/7 Fraser-MA)
 11810 1900 Mayak: RR OM/YL nx, mx pgm, TC at 1900 (444 6/14 Traver-CA)
 11905 1820 RM: DX program (554 7/6 Somers-CA)
 11910 1420 RM: Tlk on Soviet education system (444 6/14 Grenier-CA)
 12030 0340 RM: Mx, interview w/ Soviet lawyer regarding USSR constitution (353 6/30 Smith-FL)(544 *2300 6/14 Conover-KY)
 15130 1331 Radio Station Peace & Progress: Nx, "Spotlight on World Events" ID, mx (343 Smith-FL)
 15150 2300 RM: YL world nx (322 6/8 McSkimming-CA)(Holland-NY)(Smith-FL)
 15220 1407 RM: Commentary (333 5/25 Berkholtz-MN)
 15245 0441 RM: Tlk on American protest of Carter Olympic boycott (222 6/30 (Traver-CA)
 15250 0622 RM: Commentary on U.S. Senate spending (444 6/21 Bickel-CA)
 15275 0050 Radio Kiev: YL tlk on Soviet youth (444 6/30 Ray-PA) +++++
 *2300 Radio Vilnius: Nx, cmtry, Lithuanian folk mx (322 Kern-CA) +++++
 15290 1215 RM: Non-stop commentaries (343 6/8 Fraser-MA)
 15405 0304 RK: Nx pgm (322+ 7/4 Berkholtz-MN)
 2325 RM: YL tlk til 2328 ID & s/off into Rodina programming *2330 (232 6/7 Traver-CA)
 15415 0730 RM: OM/YL w/ RR language lesson (333 6/14 McSkimming-CA)
 17780 *0130 Peace & Progress: SS w/ "Paz y Progreso" ID, meterband info followed by OM nx (444 7/1 McLean-NY)
 17795 1350 Peace & Progress: "Asian Panorama" (444 7/5 Farmer-TN)
 17870 2315 RV: Mx, OM cmtry on Lithuanian customs, 2328* (333 McSkimming-CA)
 17880 0442 RM: Choir singing folk songs (353 7/4 Earhart-PA)
 1340 Peace & Progress: Cmtry, Soviet opinions (243 6/28 Rekich-PA)
 21490 0423 RM: Interview w/ American woman, ID @0427 (332 Earhart-PA)
 21690 1340 Peace & Progress: OM commentary on Kampuchea, mx, YL ID @1349 (222 6/27 McSkimming-CA)
 **For other USSR frequencies check July SPEEDX issue...rmf.

VATICAN CITY STATE

9605 0053 Vatican Radio: Caught SS s/off, IS, EE ID, update on Pope's visit to Brazil (555 7/1 Johnson-IL)(343 6/21 Munster-GA) (433 6/2 Berkholtz-MN)
 11700 2027 VR: Mx w/anncts. every 3 minutes in Italian,EE,FF,RR apologizing "to our listeners for this interruption due to technical reasons..." (344 7/2 Heyman-NY)
 11845 0115 VR: YL comment, co-channel QRM (322 6/25 Blaize-WI)

YUGOSLAVIA

9620 2219 Radio Yugoslavia: YL world nx, ID, tlk on WWII (433 7/4 Audette-MA)
 15240 1525 RY: IS, *1529 w/YL ID & sked, nx (232 6/1 Moman-ALB)

Well folks, that's the August issue. Check the masthead for my correct address. My QTH remains as San Jose. Any loggings sent to New Jersey by July 12th made it into the column anyway, so there was no problem. There will be an address change occurring when school starts up again - the new address should appear in the October Issue. More about that next month. Keep the reports coming. Good listening, CU N 30!

SWBC DX

AFRICA

Editor: WAYNE OLIVER
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 Plaistow, NH 03865



FEBA
 Seychelles



Radio Television Kaduna

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

Hope those of you who attended ANARC's convention enjoyed a fine time!!! I myself just returned from a three week trip to the HOT!!! Southland of Georgia.....Mother Nature hasn't cooperated too much in getting this column typed...the last two nights when I've had time to type we have not had any power due to some severe thurms....Thanks go to all who reported this month, especially the eight first-timers....not too many loggings, but quite a bit of news from the BBCMS,SCDX and R. Ginbey for Drumbeat..... A reminder that all times/dates are GMT and frequencies are in kilohertz...

ALGERIA

21635 2010 Radio Algiers: EE news into mx pgm (343 6/29 Eddie-MO)

ANGOLA

5100 0523 ER de Mocamedes: PP OM political tlks, CW QRM afro drum mx (222 6/12 Howell-CA)
 5191 0508 ER de Moxico: Afro/pop mx, PP OM ID at 0515, drum mx (342 6/12 Howell-CA)

ASCENSION ISLAND

11860 0330 BBC Atlantic Relay Station: EE OM w/African news and comments (353 6/27 Smith-FL)
 15390 2247 BBC-ARS: PP nx to Brazil in the Latin American Service (333 6/7 Traver-CA)
 21660 1615 BBC-ARS: EE nx of El Salvadorian aliens dying in US desert (433 7/7 RJ Coleman-MA)

CONGO

15190 2145 Radiodiffusion-Television Congolaise: FF music pgm (444 6/12 Eddie-MO)

EGYPT

9475 0223 Radio Cairo: EE YL w/news, ID into "Egyptian Thinkers" (344 6/13 Heyman-NY)(322 7/4 *0200-0330* EE B. Johnson-NM //12050....222)
 12050 0251 Radio Cairo: EE program "Cairo Today" (555 ??? 6/15 F. Johnson IL)
 15335 2005 Radio Cairo: Fulani (listed) pgms, mx (??? 6/7 Holland-NY)
 15475 1845 Radio Cairo: AA pgm, loud as local (6/7 Holland-NY)
 21670 1800 Radio Cairo: AA OM tlks, chanting (342 6/21 T. Smith-FL)

GABON

4777 2346 RTGabonaise: FF 'muzak like' music, OM DJ (434 exceptional reception 6/12 Lowe-TN)(232 6/12 0510 FF, no ID so Tent. John and Kathy Trautschold-WI)...Since I only report what you the members send...I cannot take certain editorial liberties, but still wonder why it's not Kathy and John, ????. Perhaps our publisher is a chauvinist!!! John...shame on you!!! wlo

GHANA

4915 0600 Ghana Broadcasting Corporation: EE OM w/news, ID (222 6/24 Heyman-NY)

IVORY COAST

7215 *0600 Radiodiffusion Television Ivoirienne: IS, s/on, NA OM FF ID into nx (333v 6/27 Pamularo-CA)

LIBERIA

3255 2330 ELBC: POP mx, several EE ID's, nx, s/off with NA at 0003*
(222 7/10 Fisher-MA)
6035 0443 VOA: EE tlk on "Psychology Today" QRM de AFRTS (fair
6/22 Holland-NY)
15445 1855 VOA: Pop music, EE nx about Africa, ID at 1900 (fair 6/7
Holland-NY)

LIBYA

11825 0145 SPLAJBC: Instrumental music, AA vocals/tlks (444 7/2
Thompson-NM)
15435 1730 SPLAJBC: Arabic chants (454 6/29 Eddie-MO)
17930 1620 SPLAJBC: OM/YL in Arabic w/drama type pgm //17680/15435, ID
at 1630 (444 7/7 RJ Coleman-MA)

MADAGASCAR

15220 2120* Radio Nederland-African Relay Station: EE OM ID, freqs at
2120* (444 6/11 Beres-CT)
21640 *2030 Radio Nederland: IS, EE S/on w/ID and news (455 6/18+
Fred Johnson-IL)

MAURITANIA

4845 2353 RNM: AA OM w/Qu'ran chants, in the clear and quite loud
(434 6/12 Lowe-TN)(343 6/19 0607 AA Farmer-TN)

NIGERIA

6050 0458 FRCN-Ibadan: Vern/EE tlks, IS, EE ID, nx after HCJB s/off
(332+ 7/3 Famularo-CA)
15120 *0557 Voice of Nigeria: Interval Signal until 0600 s/on EE anns
(343 7/3 Zelle-MANITOBA)

SEYCHELLES

15400 *0305 Far East Broadcasting Association: s/on w/Farsi ID, QRM
de Radio Finland (322 7/1 R/Johnson-NM)(444 6/25 0305 Farsi
Heyman-NY)(333 6/17 0308 Farsi Farmer-TN)(353 7/2 0305 Farsi
Thompson-NM)(454 6/22 0310 Farsi Eddie-MO)

SIERRA LEONE

5980 *0557 Sierra Leone Broadcasting Service: IS, YL EE ID, into "Good
Morning" program featuring Dionne Warwick (444 6/11 Kegel-MD)
(443 6/12 *0600 EE Howell-CA)

SOUTH AFRICA

3250 0412 Radio Five: EE/Afrikaans program (342 6/11 Kegel-MD)
4835 0500 SABC: Commentary w/EE SABC ID at 0500, quite weak but
readable, good indication of possible openings (232 6/12
John .Trautschold and his lovely XYL Kathy...2 in one month
John...is this a sign that you do DX?????)
5980 0235 Radio RSA: EE "Spectrum" news about South Africa (fair 6/26
Holland-NY)
9585 *0200 Radio RSA: IS, ID, EE nx into "Panorama" (good 6/27 Holland-NY)
(322 6/15 0610 EE Traver-CA)
9610 0239 Radio RSA: Song by 'Lady Africa' OM EE tlks on Communist
movement in Indian Ocean Islands (I presume Comoro..wlo)
(545 6/13 Heyman-NY)
11990 2125 Radio RSA: EE program on the education of South Africa's
colored children (344 6/9 Johnson-IL)
15220 0554 Radio RSA: EE OM nx of Kenyan ban on travel to Moscow Olympics
(444 6/15 Traver-CA)
17780 1654 Radio RSA: IS, ID in French, into news program (333 6/10
Tom Smith-FL)
25790 *1100 Radio RSA: OM EE ID, Time pips, nx of Mozambique, USSR, US
(333 7/3 RJ Coleman-MA)

SWAZILAND

4790 0255 Trans World Radio: IS, OM EE ID at 0300, rlg pgms (222
6/13 Heyman-NY)

TANZANIA

4785 *0257 Radio Tanzania: IS, Swahili ID by OM, NA, chants (242 6/13
Kegel-MD)

TOGO

7265t 0300 RTT:Spanish classical mx, FF nx, must be on early (?? 6/17
Holland-NY) ???wlo.....

TRANSKEI

7160 0547 Capital Radio: EE OM DJ, ID, pop mx, ARO QRM (212 6/12 Howell)

UGANDA

5026A 0343 Radio Uganda: Lang tlks by OM, later another joined in tlk,
very poor modulation (322 6/25 Lowe-TN)

ZAMBIA

4910 0430 Radio Zambia: EE heard mixing with Guinea after 0400, 0430
signal cleared up for positive ID (333 at 0430 6/26 Green-
wood-PA)

From one of SPEEDX's most active Japanese reporters, Nobuaki Takahashi,
comes these loggings which were just received.....

Zaire: 3390 1845-1900* Radio Gandit Swahili pgm 1902* 6/27 343

Rwanda 3330 1913-1950 Radio Rwanda w/FF nx at 1930 //6055 6/22 343

Cameroon 9745 1830-1900 Radio Cameroon EE nx at 1830 //4850 343 6/30

Ethiopia 5990 1920-1945 Lang tlks. mx VORE 343 7/3

VOICES

The Guide to International Broadcasting
Box 226, SF-00171 Helsinki, Finland

(The following information was received from VOICES, the Guide to Inter-
national Broadcasting...and is herewith passed on to you, with some comments
from yours truly on the premier edition.....wlo)

A leading manufacturer of shortwave radios recently ran an advertising camp-
aign under the headline 'Listen to the World'. Of course it is unrealistic
to expect copywriters to be more specific but, when you want to know if the
day of truly honest advertising has arrived, look out for 'Listen to a World
of Pops, Bangs, Scratches, Buzzes, Woodpeckers, Whistles, and Programs, some
of which you may understand, but Don't Count on it'. No wonder the world
thinks were crazy.

Voices has a real contribution to make. Think of high-frequency broadcasting
as a vast unsorted library of knowledge. Voices is the index. Our experienced
monitors on 3 continents provide an up to date picture of reception condi-
tions as they really are, not as stations' propagation departments hope
they are. Our fast turnaround time means that schedule changes notified to
us by midmonth are with our readers around the world by the start of the new
month. Our team of skilled journalists provide background information, in-
formed analysis, in-depth research, and plain enjoyable reading. And our
feature program guide offers the unique service of telling you the subjects
of programs in English scheduled for the month ahead. Voices is going to
concentrate on broadcasts in English. This is not intended as a slight on
other language groups, just our recognition that the man who tries to serve
everyone is often the man who leaves everyone unsatisfied. With more and more
broadcasters concentrating their resources on programming in the international
language, the field that we've chosen seems vast enough.....The truth of
broadcasters. The confidence of advertisers. But do we have the support of
listeners? Only your subscription will show.....(DIRECT) For those of you
who would like to subscribe, Voices, offers a discount of \$4 per year, if
3 or more subscribe at the same time...if anyone would like to subscribe, I
will be sending by subscription in 8/15...send me a check for \$12.00 and
I will forward with my subscription.....

COMMENTS: The first issue is just as advertised...24 pages of SW articles..
Current schedules of major International Broadcasters...and a very good
program section, giving day by day coverage of major programs on the BBC,
DW, Radio New Zealand, Vatican Radio, Peking, Moscow etc..... Seems worth
the \$12...they hope to expand as more subscribe...very professional litho-
graphed, full-color magazine.....wlo

The following Shortwave News about African Stations comes from Richard Ginbey in South Africa:

ALGERIA: In keeping with their chopping and changing of frequencies, Algiers has been noted with their French service on 17718 kHz at 0500 and at 1700 on 15321 kHz, both in parallel to 21635 kHz.....

ANGOLA: Emissor Regional do Cuando Cubango at Menongue no longer uses MW. Their current schedule on 4780 kHz is 0600-1300 and 1700-2300 in Portugese and Chokwe...On Saturdays, Emissor Regional de Benguela closes transmissions at 0000. Frequencies in use at this time are 5042/6152 kHz.....

BENIN: Cotonou has not been observed for sometime on SW 4870 kHz.....

GHANA: The Ghana Broadcasting Corporation has been recently noted on only two frequencies at 2230. GBC-1 the National Service on 4915 kHz and GBC-2 the Commercial Service on 3366 kHz, both providing good reception 4980 and 3350 kHz normally scheduled for this time were definitely silent.....

NIGERIA: The Kaduna station of the Federal Radio Corporation of Nigeria has added a third shortwave frequency, 4770 kHz, noted signing-on at 0430 in parallel to 6090 and 9570 kHz. 4770 can also be heard from 2000 to 2315*. Broadcasts are in English and Hausa.

SOUTHWEST AFRICA/NAMIBIA:

Testtransmissions are scheduled to begin very shortly from the two 100 kW transmitters of the SOUTHWEST Africa Broadcasting Corporation...Reports should you receive them can be sent to: S.W.A.B.C., P.O. Box 321, Windhoek, 9100 SWA/Namibia.

The following is from the BBC Monitoring Service and cannot be used or reproduced without their permission.....

NAMIBIA/SOUTHWEST AFRICA: The two new shortwave transmitters that R. Ginbey mentioned above, are scheduled to follow this sked.....

0300-0515	4965/3270 kHz	1515-1615	7190/4965 kHz
0515-0615	7190/4965 kHz	1615-2200	4965/3270 kHz
0615-1515	9650/7190 kHz	2200-0300	3270 kHz

////////////////////////////////////
VOICE OF FREE AFRICA: This radio station which was last heard on April 9th was observed broadcasting in Portugese and vernaculars on May 28th. Observations on subsequent days show that the station is still adhering to its schedule of two daily broadcasts on 4764 kHz from 0400-0500 and 1830-1930. Material carried by the station continues to be hostile to the Mozambican government.

XX

MOROCCO: The Arabic domestic service from Rabat is currently relayed from the transmitting site in Tangier on the following frequencies:
1000-1100 15360/15335 kHz

1100-1700	21735/15360/15335kHz	1900-2400	21735/15335/9540kHz
1700-1900	21735/15335/15155kHz	0000-0100	21735/15335 kHz

.....
TUNISIA: Radio Tunis has issued the following sked of Arabic News items for the Summer months: Main news bulletins...0500,0600,1300,1600,1900,2000. News summaries...0700,0900,1000,1100,1200,1400,1500...News review..2100. This until 9/15/80...Currently Tunis can be heard on 15225,11970 and 7225.

////////////////////////////////////
From Sweden Calling DX'ers bulletins is the following:
TANZANIA: A new frequency of 5980 kHz is being used by Radio Tanzania's Ext. Service at 0330-0430, replacing 5050 kHz (Andre Sella, Kenya in QTH AFRICA)
ZIMBABWE: ZBC reactivated 2336 kHz at 1700-2200 // with 3396 kHz.....
That's all folks for this month...BCNU in 30.....73's Wayne.

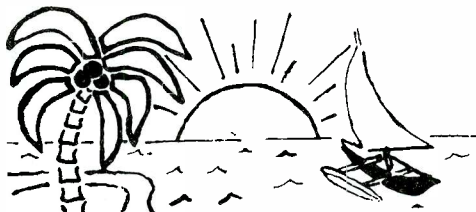
ASIA-OCEANIA

EDITOR:

JIM MAYER
1139 LA SENDA DRIVE
FULLERTON CA 92635

DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

15075 1915 R. Afghanistan: EE mx, ID by OM, tlk on Afghanistan, ME mx, ID by YL, chanting (342 6/12 Worrel-ND)(McLean-NY)

RADIO AFGHANISTAN

CHINA

4840 1244 FFS 2: CC mx, tlks (534 6/16 Miller-CA)
 5240 1150 FFS 1: CC w/ YL tlks, CC mx, // 5265 (354 6/27 Van Beurden-CA)
 7770 1320 Beijing 2: CC tlk by OM, ARO QRM (434 6/25 Miller-CA)
 7850 1200 FFS 1: CC w/ OM annrc, cmty (332 6/18 Farmer-TN)
 8320 1350 Beijing 2: CC song by YL, orchestra, // 9020 (433 6/23 Mappin-WA)
 9020 1015 Beijing 2: CC tlk by OM/YL, mx on stringed instrument (544 6/27 Miller-CA)(433 Mappin-WA)
 9080 1035 Beijing 1: CC tlks, mx, poor signal (6/8 Holland-NY)(Miller-CA)
 9170 1345 R. Peking: CC w/ OM tlk (422 6/23 Mappin-WA)
 9351m 1335 Shanghai: CC/EE w/ EE lessons, QRM de Peking on 9350 (422 6/23 Mappin-WA)
 11600 2130 RP: EE nx, "Reports from CC" (523 7/4 de Kiewit-HOLLAND)
 11720 0950 RP: EE w/ YL tlk, CC mx, tlk on CC writings (433 6/24 Audette-MA)
 15105 1405 RP: Lang. w/ classical CC mx, ID, 1415* (6/7 Holland-NY)
 15120 1645 RP: EE YL w/ travel tour thru CC w/ Peking Opera, ID @ 1654, 1655* (333 6/29 McSkimming-CA)
 15300 0230 RP: SS OM/YL discussion, CC mx in background (444 6/11 McSkimming-CA)
 15520 *1200 RP: EE ID, wld. nx by YL, CC mx, cmty on Vietnam, "In the People's Commune" (454 7/4 Audette-MA)(Smith-FL)(Byron-NY)(Forbes-TX)(Fraser-MA)
 15590 2308 RP: CC YL annrc, mx pgm (242 6/7 Smith-CA)
 15790 0950 VO Malayan Revolution: EE w/ tlk on torture of labor leaders, ID, mx, into CC @ 1010 (353 6/22 Famularo-CA)(Van Beurden-CA)
 17635 0838 RP: EE YL w/ wld. nx, CC mx, ID (131 7/2 Audette-MA)
 17680 0001 RP: EE IS, ID, nx (434 6/26 Huffaker-MEXICO)
 17855 0035 RP: EE ID, YL w/ "Music Album", CC mx, OM tlk on travel (333 6/16 Hodsdon-MN) (Ray-PA)(McLean-NY)(Curnell-OR)(McSkimming-CA)(Blaize-LA)(Berkholtz-MN)(433 Stone-ONT)

CYPRUS

11750 *1700 BBC relay: EE w/ OM ID, s/on, TC, into wld. svce. pgm (433 7/3 Thompson-CA)
 15420 0406 BBC relay: EE nx w/ correspondent's reports (444 6/29 Smith-FL)(Huddleston-TX) (Smith-CA)

INDIA

ALL INDIA RADIO

11620 1231 AIR: EE ID, nx by OM (222 6/18 Hodsdon-MN)
 11810 1328 AIR: EE IS, ID, nx, mx (242 5/31 Huddleston-TX)
 15205 1040 AIR: EE w/ pgm abt. Indian mx, pgm ancmts by YL, mx @ 1045, editorial cmty by OM, nx (333 6/24 Binau-MD)(Holland-NY)(Farmer-TN)
 15335 1445 AIR: EE YL annrc w/ mx, ID, nx, clear signal (333 6/28 Forbes-TX)



INDONESIA

3325 1205 RRI Palangkaraya: Indo w/ C&W mx, YL tlks (333 6/17 Howell-CA)
 4855 1325 RRI Palembang: Indo mx, Asian nx w/ ments of the U.S. (333 6/27 Miller-CA)
 5885 1327 RRI Pekanbaru: Indo w/ nx by OM, choral mx, ID w/ metre bands, tlk (333 6/28 Thompson-CA)(Howell-CA)
 11790 1400 V. of Indonesia: EE OM w/ regional nx to 1415, QRM from RMWS on 11790 (444 6/24 Van Beurden-CA)(Thompson-CA)(McSkimming-CA)(Huddleston-TX)(Smith-CA)(444 Grenier-CA)

IRAN

9022 0115 VOIRI: Farsi w/ tlk by OM, choral singing, cmtly (232 6/12 Stone-ONT)
 15084 1400 VOIRI: Persian classical AA mx, freqs. given, ID, YL annrc (6/7 Holland-NY)
 (McSkimming-CA)(Heyman-NY)(Berkholtz-MN)
 15315 0225 VOIRI: Persian w/ classical mx pgm to 0230, ID, nx by OM/YL, mx (433 6/2
 Faccioli-URUGUAY)

IRAQ

9745 2130 R. Baghdad: EE ID, nx, Iraqi mx (222 6/28 Gonzalez-NY)
 15220t 1555 RB: AA nx, mx, tlks, according to the WRTH Newsletter RB is on 15215--this
 could be a further change (6/7 Holland-NY)

ISRAEL

9815 *2230 Kol Israel: EE IS, ID, OM w/ nx, "Forum" (555! 6/25 Johnson-IL)(Berkholtz-MN)
 (Smith-FL)(Drew-TX)
 11637 0203 KI: EE nx, spts. results, cmtly on Israel and the European Community (333 6/18
 Bickel-CA)(Byron-NY)(Fraser-MA)(Berkholtz-MN)(Coleman-MA)(Stone-ONT)(Holland-NY)
 (Blalze-LA)
 11655 2200 KI: Hebrew w/ nx (544 6/13 Levin-NJ)
 15105 0527 KI: FF nx (333 6/15 Berkholtz-MN)
 15582 0200 KI: EE nx, cmtly, features (444 dally Whetzel-IN)(Forbes-TX)(McSkimming-CA)
 (Thompson-NM)(Grenier-CA)(McLean-NY)(Berkholtz-MN)(Somers-CA)(Curnell-OR)
 (Holland-NY)(Smith-CA)(Stone-ONT)
 15584nf0200 KI: EE ID, nx, "TGIF" (544 6/21 Cucura-PA)(Munster-CA)
 15605 1213 KI: EE w/ local ads, ID, "Israel Mosaic", tlk on Jewish dissidents, // 17612,
 25640 (232 6/15 Audette-MA)
 17612 1220 KI: EE "Israel Mosaic" w/ OM tlk, mx, recipes (242 7/4 Audette-MA)(Whetzel-IN)
 17630 1754 KI: Hebrew ads, tlk, EZL mx, ID (good 6/21 Holland-NY)(Levin-NJ)
 17815 *2000 KI: EE IS, ID, nx, "Studio 3" (354 6/26 Wampler-VA)(Binau-MD)(Hodsdon-MN)
 (Audette-MA)(Curnell-OR)
 21495 2235 KI: EE w/ nx by OM, ID, report on kidnapping, QSB, // 21600 (232 6/22 Audette)
 21565 1530 KI: Yiddish IS, ID, tlk by OM (333 6/28 Grenier-CA)
 21600 1215 KI: EE "This Week" w/ tlk on oil and alternative energy sources (232 6/29
 Audette-MA)
 21675 2230 KI: EE nx, "This Week" (343 6/14 Whetzel-IN)(Audette-MA)
 21710 0110 KI: EE "Today in Israel", folk mx, 0125* (444 6/15 Stone-ONT)(Berkholtz-MN)

JAPAN

9505 1400 R. Japan: EE wld. nx by OM, ID @ 1408 (333 6/23 McSkimming-CA)(Clark-KS)(454
 Forbes-TX)(VanBeurden-CA)(Grenier-CA)
 9595 0955 NSB: EE/JJ w/ JJ lessons w/ YL/OM, complete ID & QTH in EE by OM, mx, pips,
 JJ tlk, QRM (222 6/3 Cunningham-OH)
 11705 1643 RJ: EE ID, JJ lessons, beamed to SEA & Africa (343 7/4 Famularo-CA)(Curnell)
 11815 *1400 RJ: EE ID, wld. nx (343 6/14 Huddleston-TX)
 15195 0913 RJ: EE OM w/ cmtly on East/West Detente, ID (232 7/2 Audette-MA)(Smith-CA)(323
 McSkimming-CA)
 15235 0955 RJ: EE w/ JJ mx, Aussie svce. (354 6/15 Van Beurden-CA)(Sanderson-AZ)
 15270 2010 RJ: EE OM w/ nx, ID w/ freqs., cmtly on growing threat of atomic war, into JJ
 @ 2015 (444 6/25 Curnell-OR)(Smith-CA)(Huddleston-TX)(McSkimming-CA)(233
 Heyman-NY)
 15300 1414 RJ: EE w/ end of cmtly, tlk abt. upcoming elections in JJ (233 6/18 Johnson-IL)
 15310 1705 RJ: EE OM nx, ID @ 1710, tlk on minerals (333 6/29 McSkimming-CA)(McLean-NY)
 (Smith-CA)(Hodsdon-MN)
 15325 2227 RJ: JJ OM w/ classical mx (333 6/7 Smith-CA)
 17755 0405 RJ: EE Asian nx, cmtly on JJ elections (444 6/20 Bickel-CA)(McSkimming-CA)(353
 Thompson-NM)(Van Beurden-CA)
 17825 0215 RJ: EE "Hello America" pgm w/ listener's letters (555 6/28 Van Beurden-CA)

JORDAN

7155 2333 R. Jordan: AA nx, slow AA mx, Moslem chanting, s/off, anthem, ARO QRM (212
 6/10 Jarrett-CT)

KAMPUCHEA

9695 *1200 VOKP: EE ID by YL, nx, much weaker than usual (131 5/28 Moman-ALB)(Famularo-CA)
 11938 1330 VOKP: EE nx by YL, ID @ 1335, mx, ads (332 6/28 Forbes-TX)(Miller-CA)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

9420 1040 R. Pyongyang: SS w/ tlks, revolutionary mx, poor signal (6/8 Holland-NY)(544
 Miller-CA)
 9662 1310 UNID: KK w/ OM/YL tlk, per tip from Bob Hill of DSWCI (423 6/17 Howell-CA)
 9977 0949* RP: EE ID by YL, anthem, off (343 6/21 Ray-PA)(Van Beurden-CA)(Forbes-TX)(344
 McSkimming-CA)(Thompson-NM)

The Hashemite Broadcasting Service

REPUBLIC OF KOREA

- 7275 1210 RK: JJ tlk by YL, mx, ID's (544 6/17 Miller-CA)
- 7550 1345 RK: EE OM w/ nx of KK, ID, sked given @ 1357 (344 6/24 McSkimming-CA)(544 Thompson-CA)(Miller-CA)
- 9570 1014 RK: EE editorial on N. Korea, cultural pgm w/ tlk on the economic situation, // 11725 (433 6/24 Audette-MA)
- 9720 1600 RK: EE wld. nx by OM, ID @ 1610, Korean nx, cmtly (444 6/27 McSkimming-CA)(444 Bickel-CA)
- 11725 *1000 RK: EE OM w/ ID, into nx story on population density of Seoul (333 6/17 Kegel)(Van Beurden-CA)
- 11745 1009 RK: EE YL anncr w/ nx, classical mx (242 6/28 Zelle-MAN)
- 11810 0730 RK: EE w/ NAM svce., Asian nx, "Invitation to Korea" (354 ??? Van Beurden-CA)(McSkimming-CA)
- 11830 1600 RK: EE w/ 1st day of new 1 hour svce., nx, cmtly, lang. lesson, ID (534 6/16 Thompson-CA)(Somers-CA)(Grenier-CA)(Forbes-TX)(Van Beurden-CA)
- 15570 1902 RK: EE nx, cmtly, lots of QSB, Korean pop mx (242 6/28 Whetzel-IN)(Smith-CA)(Hodsdon-MN)(Smith-FL)

KUWAIT

- 11665 1836 R. Kuwait: EE w/ ME nx, faded fast (422 6/22 Johnson-IL)(Holland-NY)
- 21545 0530 RK: EE nx @ 0530, wx report (222 6/16 Kern-CA)(Maise-LA)(Eddie-MO)(Zelle-MAN)

LAOS

- 5090 1135 Xieng Khonang: Lao? w/ tlk by OM, SEA YL vocals, SSB QRM (322 6/17 Howell-CA)
- 6625t 1213 Pakse: Lang. w/ non-stop OM tlk, no ID heard (333 6/17 Howell-CA)

LEBANON

- 15285 0945 R. Lebanon: EE w/ nx, features (454 6/8 Eddie-MO)
- 15375 0249 RL: EE mx, ancnt @ 0258 w/ sked, lots of QRM/QRN (322 6/20 Bickel-CA)(Eddie)(Huddleston-TX)(Jarrett-CT)(Audette-MA)(Binaw-MD)
- 17890 0300 RL: SS ID, SS mx, cmtly by YL on the children in Lebanon, QRN (353 6/29 Gonzalez-NY)

MALAYSIA (Peninsular)

- 15295 0830 V. of Malaysia: EE wld. nx by OM, TC, pop mx, closing ancnts @ 0854 by OM (343 6/22 Ray-PA)(Heyman-NY)(McLean-NY)(Marshall-CA)

Sarawak

- 4835 1230 RMS Kuching: Malay tlk by YL, nx (544 6/17 Miller-CA)
- 4950 1215 RMS Kuching: CC orchestra mx, tlk, piano mx, vocals, ID, pips (444 7/2 Thompson-NM)(Van Beurden-CA)
- 5030 1403 RMS Kuching: Bidayuh time pips for 1400, OM/YL anncrs, nx (333 5/14 Loren-CA)(Miller-CA)
- 7160 1204 RMS Kuching: EE OM tlk, local nx, wx forecast (333 6/14 Lucas-CA)

MONGOLIA

- 6383 1226 R. Ulan Bator: EE mx, tlk, clear ID's, gave freqs., 1249*, UTE QRM, 12070 not heard (322 6/14 Lucas-CA) Nice catch Rich.....jwm
- 12070 1220 RUB: EE IS, ID @ 1221 by YL (242 5/28 Moman-ALB)

NEPAL

- 5005t 1430 R. Nepal: Nepali/EE w/ Nepali tlk, oriental mx, *1440 in EE but no ID heard, faded out by 1443 (222 5/30 Faccioli-URUGUAY)

PAKISTAN

- 21590t 0410 R. Pakistan: Farsi w/ YL tlk, vocal mx by YL, no signal @ 0438 (353 7/4 Earhart-PA)
- 21745 0230 RP: EE w/ slo-speed nx, 0245* w/ ID (333 6/28 Eramo-MA)
- 21755 *1600 RP: EE OM anncr w/ nx, severe QRM, Soviet Pulser QRM (222 6/18 Bickel-CA)

Far East

PHILIPPINES

- 7285 0628 VOA relay: EE w/ "African Safari" pgm, UTE QRM (232 6/13 Bickel-CA)
- 9580 0945 VOP: EE w/ non-stop mx, ID @ 1000, ancnts by OM (444 6/10 Miller-CA) By the way, Bill mentioned that VOP now carries live broadcasts.....jwm
- 9605 1430 RVA: EE w/ letters from listeners, wld. nx (534 6/16 Miller-CA)
- 9625 0938 RVA: Korean pop mx, ID by YL, ID in EE @ 0950 (544 6/26 Miller-CA)
- 11855 1000 FEBC: Lang. w/ prayers, mx, ID's (554 7/4 Miller-CA)
- 11890 0835 FEBC: EE nx, ID's, cmtly, Bible Quiz Show, good signal (343 6/24 Marshall-CA)(D'Angelo-PA)(Van Beurden-CA)(Kegel-MD)
- 11935 1240 RVA: JJ OM/YL anncr w/ tlk, mx (544 6/10 Miller-CA)
- 11955 1430 RVA: EE OM w/ freqs., "Family Affair" pgm.(332 6/18 Thompson-CA)(Nebron-CA)
- 15215 2115 VOA relay: Lang. w/ nx pgm (444 6/13 Eddie-MO)

VOA WORLD SERVICE

PHILIPPINES (continued)

15220 1550 VQA relay: EE discussion of wld. nx topics, ID (6/7 Holland-NY)
15290 2219 VQA relay: EE w/ OM tlk abt. American Banking (242 6/7 Smith-CA)
15385 1625 FEBC: CC/EE w/ OM/YL ancmts, tlk, mx, ID in EE @ 1645, s/off by OM (322 6/17 Forbes-TX)
15425 1200 VQA relay: EE w/ nx of Thailand/Cambodia (222 6/28 Creamer-GO)
15440 1500 FEBC: EE ID/freqs., "The Bible and You" pgm (343 6/17 Thompson-CA)
17810 *0000 FEBC: EE w/ "Born Free" opening in celebration of Philippine Independence, more tlk and songs (333 6/12 McSkimming-CA)
17820 2225 VQA relay: EE nx, cmtly on Soviet withdrawal in Afghanistan, mx pgm (222 6/23 Audette-MA)

SAUDI ARABIA

11855 2040 BSKSA: EE w/ AA mx, ID, YL tlk on early Islamic cultures (434 6/13 McLean-NY) (D'Angelo-PA)(Huddleston-TX)
15060 1849 BSKSA: AA w/ tlks by OM, ME mx, more tlk, ID (243 7/2 Heyman-NY)(Eddie-MO) (Curnell-OR)(Holland-NY)
21600 2120 BSKSA: AA mx, ID, switched from 21605 (very good 6/22 Holland-NY)

SINGAPORE

5010 1303 R. Singapore: EE OM w/ live soccer match, ID's (433 6/28 Thompson-CA)
5052 1250 RS: EE w/ "Request on the Line" pgm w/ YL DJ (444 6/27 Van Beurden-CA)(342 6/26 Lucas-CA)(Thompson-CA)(Miller-CA)
11940 1410 RS: EE YL anncr w/ pop mx, ID @ 1425 (434 7/3 McSkimming-CA)(Somers-CA)(Forbes)
11955 0755 BBC relay: EE OM w/ nx on Russian withdrawal from Afghanistan (222 6/25 Creamer-GO)
15280 0945 BBC relay: EE w/ European sports report (454 6/15 Van Beurden-CA)
15360 0943 BBC relay: EE w/ "EE by Radio" pgm (433 6/17 Clark-KS)
15395 2300 BBC relay: EE nx by OM (333 6/7 Smith-CA)



SRI LANKA

11835 1100 SLBC: EE w/ rel. mx to 1059, time pips, ID by OM, "Season of the Bible" pgm (433 6/30 McLean-NY)(Hauser-TN)
17850 1100 SLBC: EE "R. M. I.", 1132* (433 6/15 Faccioli-URUGUAY)

SRI LANKA BROADCASTING CORPORATION

TAIWAN

15270 0309 VOFC: EE YL w/ interview, CC mx, cmtly on USSR (333 6/25 Brown-WA)(Smith-CA) (Famularo-CA)(Worrel-ND)(Van Beurden-CA)

TURKEY

11885 2120 VOT: EE w/ mx request pgm, OM anncr, ID w/ sked, nx, 2130*, // 11895 (433 6/23 Audette-MA)
11895 2055 VOT: EE "DX Corner", mx (444 6/24 Audette-MA)
15185 1205 VOT: EE YL w/ nx, ID, feature pgm (222 6/29 Audette-MA)
15250 2215 VOT: EE OM/YL w/ nx, ID, "Spotlight on Turkey", // 9515, 7215 (222 6/22 Audette)
15360 2216 VOT: EE "DX Corner" w/ OM, HAP nx, DX loggings, Turkish pop mx (443 6/14 Worrel-ND)(Johnson-IL)(Audette-MA)(Farmer-TN)(Hodson-MN)(Fraser-MA)(343 Huddleston-TX)(McSkimming-CA)(Kern-CA)(Wampler-VA)(Berkholtz-MN)

UNITED ARAB EMIRATES

21485 0600 RCTV Dubai: AA mx, tlk, many ID's (444 6/7 Maise-LA)
21500 0621 RCTV Dubai: EE w/ AA chants, ID by OM, tlk, severe QRN (343 6/19 Howell-CA)
21700 0555 RCTV Dubai: AA w/ EE ID @ 0559, play?, AA mx btwn. tlks, ID by YL, freqs. given, request for reports (332+ 7/12 Hilliker-CA)(Marshall-CA)(Muster-CA)

UNION OF SOVIET SOCIALIST REPUBLICS

4485 1000 Petropavlovsk: RR "Govorit Moskva" ID, into nx (454 6/9 Van Beurden-CA)
5015 0940 Vladivostok: RR tlk, lite mx (454 6/9 Van Beurden-CA)
9580 0140 RM/Blagoveschensk: SS YL w/ tlk, // to other freqs. (312 6/19 Howell-CA)
9780 0150 RM/Nikolaevsk: SS OM/YL tlk, // 9580 (333 6/19 Howell-CA)
9785 0054 RM/Krasnoyarsk: Lang. OM/YL anncr, RR dance mx (443 6/18 Howell-CA)
11905 1905 RM/Nikolaevsk: EE OM w/ cmtly on split Korea, ID @ 1928, more tlk (323 7/4 McSkimming-CA)(Famularo-CA)(Smith-CA)
11990 0457 Mayak/Vladivostok: RR w/ beautiful mx, nx by OM (333 6/11 Smith-CA)
15100 2200 RMWS/Khabarovsk: EE w/ tlk by OM (444 6/7 Smith-CA)
15385 0128 RM/Chita: RR? w/ cmtly by YL, QRM (222 6/19 Howell-CA)

Armenian S. S. R.

17870 0352 R. Yerevan: EE w/ OM tlk on an Armenian scientist, ID's in EE/Arm. (444 0356* 6/12 Lowe-TN)(Kern-CA)

I hope everyone is having a terrific summer. I know I am for sure.....jwm

RADIO TASHKENT

Kazakh S. S. R.

15535 1600 RM/Alma Ata: EE nx, feature pgm (5/4 7/3 de Kiewit-HOLLAND)

Kirghiz S. S. R.

15535 0100 RM/Frunze: SS OM w/ nx, ID (353 6/19 Howell-CA)(D'Angelo-PA)

Turkmen S. S. R.

4930 1248 RM/Ashkhabad: RR vocals, tlk by OM (242 6/17 Howell-CA)

Uzbek S. S. R.

15460 0300 R. Tashkent: EE wld. nx by OM, ID, considerable QRM (222 7/7 Plotnick-CT)(353 Huddleston-TX)(Audette-MA)(Eddie-MO)

VIETNAM

10040a 1020 VOV: EE OM w/ ID, ancmnt of political essay contest (322 7/3 Coleman-MA)(353 Marshall-CA)(McLean-NY)(McSkimming-CA)(Miller-CA)
 10080 1112 VOV: EE w/ nx by OM, ID, "Mailbag" pgm, nx (343 7/6 Audette-MA)(Thompson-CA)
 12030 *1100 VOV: EE ID, nx by OM (333 6/14 Kegel-MD)
 15012 2041 VOV: EE ID @ 2043, cmty, mx @ 2100 (242 6/26 Wampler-VA)(McLean-NY)(Curnell-OR)(Heyman-NY)(Van Beurden-CA)

YEMEN

9780 0343 R. San'a: AA mx, tlk by OM (343 6/30 Beeman-OH)(Huddleston-TX)

OCEANIA

AUSTRALIA

5995 0735 RA/Lyndhurst: EE w/ wld. nx, ID (6/3 Holland-NY)(Thompson-CA)(Kegel-MD)
 6045 1028 RA/L: EE pop mx, ID, very faint, HCJB QRM (6/7 Holland-NY)
 6080 1321 RA/Shepparton: EE "Focus on Australia" w/ Dick Patterson (333 6/26 Lucas-CA)(Miller-CA)
 9570 0804 RA/S: EE wld. nx by OM, "International Report" (232 7/3 Audette-MA)(Holland)
 9580 1110 RA/S: EE YL tlk abt. foreign investors in Aussie's Coal Industry (544 6/29 McLean-NY)(Smith-FL)(Holland-NY)(Hill-VA)(Hauser-TN)(Farmer-TN)
 9610 1414 ABC Wanneroo: EE wx, local TC, horse races (544 6/20 Thompson-CA)(Holland-NY)(Van Beurden-CA)
 9640 1120 RA/Carvarvon: EE pop mx, ID, faint (6/8 Holland-NY)
 9660 0700 ABC Brisbane: EE w/ local nx to 0715, lite mx pgm (354 6/9 Van Beurden-CA)(McLean-NY)(Radcliff-IL)
 9680 0707 ABC Melbourne: EE w/ end of nx, short interview w/ government official abt. flooding (good 6/23 Radcliff-IL)(Holland-NY)(Van Beurden-CA)
 9760 0830 RA/S: EE w/ pop mx, ID, wld. nx (fair 6/20 Holland-NY)(Radcliff-IL)
 11740 0816 RA/S: EE w/ business pgm, tlk on world wheat trade (333 7/3 Audette-MA)(Holland)
 11790 0835 RA/S: EE wld. nx by YL, ID, TC, PNG nx, // 9760 (433 6/26 Audette-MA)(good Holland-NY)(D'Angelo-PA)
 11865 0813 RA/S: Indo w/ mx, ID, nx (544 6/13 Miller-CA)
 15130 1027 RA/S: CC "Waltzing Matilda", birdcall, *1029, EE ID + freqs., into CG pgm (323 6/22 Famularo-CA)
 15145 0945 RA/S: EE "Countdown", birthday ancmnt, wld. nx @ 1000 (454 7/1 Clark-KS)
 15160 0635 RA/L: EE mx, 0700* (433 6/10 Whetzel-IN)(Smith-CA)
 15230 0815 ABC Lyndhurst: EE w/ s/off ancmnt (333 6/27 Van Beurden-CA)
 15240 0720 RA/L: EE OM w/ "Sports Roundup", cmty, ID, 0730* (333 7/5 Audette-MA)
 15320 0445 RA/S: EE OM w/ sports magazine pgm (333 6/22 Smith-CA)
 15410 0800 RA/G: Indo ID's, tlk, mx, QRM (544 6/17 Miller-CA)
 15425 0820 ABC Wanneroo: EE tlk, local TC, mx pgm (232 6/26 Audette-MA)(Clark-KS)(Van Beurden-CA)(Miller-CA)
 17725 0700 RA/S: EE IS, ID, nx (333 6/20 Faccioli-URUGUAY)
 17795 2036 RA/S: EE w/ tlk by OM, nx, ID's, pop mx, Aussie wx (434 6/25 Curnell-OR)(444 Barr-CA)(Maise-LA)(Smith-FL)(Smith-CA)(McLean-NY)(Forbes-TX)(Creamer-CO)(434 McSkimming-CA)(Berkholtz-MN)
 21525 0433 RA/S: EE mx, ID, beamed to Africa (232 6/30 Beeman-OH)(Wampler-VA)
 21570 0800 RA/C: EE nx, "Report from Asia", Aussie nx (433 7/6 de Kiewit-HOLLAND)
 21630 1920 RA/S: EE "Focus on Australia" pgm w/ 2 OM's (433 6/17 Coleman-MA)
 21680 0505 RA/S: EE OM w/ wld. nx, ID, Aussie nx, "Focus on Australia", // 21650, 17890 (232 6/19 Audette-MA)
 21740 0142 RA/S: EE pop mx, ID, "History of Somalia", // 17795 (very good 6/26 Holland-NY)(Somers-CA)(Stone-ONT)(Forbes-TX)(Johnson-IL)(Berkholtz-MN)(Coleman-MA)

GUAM
 11735 0809 KTWR: EE/Mandarin IS, ID @ 0815, mx to 0830 w/ s/on in Mandarin (444 6/5 Faccioli-URUGUAY)(Holland-NY)
 11840 0830 KTWR: EE ID, freq. info., "Through the Bible" pgm, QRM de HCJB (423 7/1 McLean-NY)(Collins-OR)(Farmer-TN)(Kegel-MD)(Zelle-MAN)(Van Beurden-CA)
 15365 1430 KTWR: EE w/ gospel pgm, ID by YL @ 1500, into Bengali pgm (333 6/14 Eramo)

NEW CALEDONIA
 7170 0940 R. Noumea: FF w/ tlk, pop mx, ID, QRN (fair 6/17 Holland-NY)(McSkimming-CA) (Miller-CA)(McLean-NY)(Van Beurden-CA)
 11710 0750 RN: FF comedy pgm w/ laughing audience (343 6/27 Van Beurden-CA)

NEW HEBRIDES
 3945 0825 R. Vanuaatu: Vern/FF/EE mx, cmts in Vern, FF s/on @ 0830 w/ nx, *0842 in EE, faded out by 0850 (333 6/7 Faccioli-URUGUAY)
 7260 0831 RV: EE nx, many ments of New Hebrides, FF @ 0849? (232 6/4 Moman-ALB)(McLean)(Heyman-NY)(Van Beurden-CA)(Cunningham-OH)

NEW ZEALAND
 6105 0725 RNZ: EE pop mx, ID by YL, "Saturday Special", TC (544 6/28 Miller-CA)(344 Faccioli-URUGUAY)(Barr-CA)(Holland-NY)(Cunningham-OH)(Coleman-MA)(Farmer-TN)
 11945 0826 RNZ: EE nx to 0830, "NZ Calling" @ 0845, interesting letters (342 6/16 Lucas-CA)(McLean-NY)(Hauser-TN)(Van Beurden-CA)(Audette-MA)
 11960 1001 RNZ: EE nx, wx, ID, opera mx, QRM de BBC (353 6/7 D'Angelo-PA)
 15280 0435 RNZ: EE OM/YL tlk on EE grammar (333 6/30 Smith-CA)
 15345 0500 RNZ: EE w/ classical mx, nx, ID (555 6/24 Mappin-WA)(Barr-CA)(Byron-NY)+++
 17860 0427 RNZ: EE w/ selections from an Italian orchestra, ID by OM (6/16 Radcliff-IL) (Maise-LA)(Earhart-PA)(Plotnick-CT)(McSkimming-CA)

PAPUA NEW GUINEA
 3205 0920 R. West Sepik: Pid w/ tlk by OM, C&W mx (333 6/12 Howell-CA)
 3220 0935 R. Morobe: Pid rel. pgm w/ organ interludes, tlk (343 6/28 Huffaker-MEXICO)
 3245 0910 R. Gulf: Lang. w/ tlk, EZL mx (252 6/12 Howell-CA)
 3322 0950 R. North Solomons: Pid OM w/ tlk, pop mx, ID (222 6/21 Cucura-PA)(Radcliff-IL)
 3385t 0800 R. East New Britain: EE local nx w/ ments of ag. production in Rabaul, no ID heard (322 7/1 Trueblood-WI)(Cucura-PA)(Farmer-TN)
 4890 0800 NBC Port Moresby: EE nx by YL, ads, OM w/ sports pgm (333 6/10 Barr-CA)(222 Cucura-PA)(Holland-NY)(Farmer-TN)(Heyman-NY)
 9520 0745 NBC Port Moresby: EE ID's, ads, assorted mx, nx @ 0800, QRM de RHC until 0800 (433 6/23 Marshall-CA)(Audette-MA)(Miller-CA)(Heyman-NY)

SOCIETY ISLANDS
 6135 0600 R. Tahiti: FF w/ dixie type mx, OM w/ live sports coverage, // 11825 (322 6/11 McSkimming-CA)
 11825 0700 RF: FF w/ island mx, FF songs, 0900* (444 6/8 McSkimming-CA)
 15170 0555 RF: FF island mx, tlk by OM (253 5/31 Huddleston-TX)(Van Beurden-CA)(322 Smith-CA)(McSkimming-CA)(Holland-NY)(Miller-CA)

SOLOMON ISLANDS
 5020 0910 SIBC: EE pop mx, heavy QRN, ID @ 1000, nx from RA (322 6/22 Ray-PA)(Lucas-CA) (Kegel-MD)(Van Beurden-CA)(Coleman-MA)
 9545 0745 SIBC: EE nx w/ ID, Pid ads, local mx (343 7/4 Famularo-CA)(Lucas-CA)(433 Huffaker-MEXICO)(Trueblood-WI)

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China-The Standard CC service from the Tibet People's Broadcasting Station in Lhasa is currently broadcast on 7171, 5935, and 4750. Times are from 2230-0130, 0130-0330 (Sun.), 0330-0645, and 1000-1545.....
 The freq. sked for FFS 2 is as follows: (times are from 0330-1730 not W; 1000-1730 W.) (0330-0959) 9505; (0330-1730) 7280; (0330-1444) 7025; (0330-1730) 6400; (0330-1344) 6000; (0330-1114) 5770; (0330-1730) 5170, 4840, 4380; (1115-1730) 4130; (1445-1730) 3900; (1000-1730) 3400; (1345-1730) 2600.....

Laos-The external service of the National Radio of Laos is currently carried on 7142 and 1030. The following regional stations were also observed: Luang Prabang on 6998; Pakse on 6630, 1370; Xieng Khouang on 7130, 5089.....

Thanks go to a total of 75 reporters. Tim, I'll get your sked in from NYAB Bhutan next month. By the way, Tim was the first in the U.S. to receive a QSL from them. Congrats Tim

WORLD SERVICE**STATION SCHEDULES****ÉMISSIONS****PROGRAMMI**

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

PROGRAMS**ENGLISH SERVICE**P.O. Box 146
Stoneham, MA 02180**SERVIZIO**

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

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. Also, the "J80" transmission period became effective May 4th and lasts until September 6, 1980.

AUSTRALIA. Radio Australia in Melbourne, J80 to North America.

0100-0300 17795, 21740
1100-1300 9580

All transmitters located in Shepparton.
(S. Pitts)

AUSTRIA. The ORF in Vienna, to North America, J80.

0130-0200 5945, 9770 NA
0330-0400 5945, 9770 NA
0430-0500 12015 ECNA
1230-1300 21655 NA
(T. Smith)

BELGIUM. The BRT in Brussels has this schedule which is valid until September 28, 1980.

0015-0100 15175 South America
15380 North America
1330-1345* 17730 Africa
21475 Southeast Asia
1605-1650 6010 South Europe
17730 East Africa

* = Monday through Friday only.
(V. Tripathi)

BRAZIL. Here is the latest schedule from the International Service of Radiobras. Effective April 21, 1980.

1900-2100 15125 Europe
2100-2200 15280 Africa
0200-0400 15290 North America
(J. Grosvenor)

CHINA. Radio Peking, schedule effective on April 25th to NA.

0000-0100 15120, 17680, 17855
0100-0200 15120, 17680, 17855
0200-0300 15120, 15230, 17680
1200-1300 15520
(D. Jarrett, T. Smith)

CHINA. (Taiwan) The Voice Of Free China's complete English schedule. Valid until September 1, 1980.

0100-0200 15270, 15345, 17890 to NA
11825 Australia/N.Z.
0300-0350 15345, 17890 NA
11825 Australia/N.Z.
2130-2230 9600, 9765, 11725, 11860, 15225 to Africa, Middle East, Europe.

CHINA (Taiwan), continued.

2140-2240 9685, 11745, 17890 NA
11825 Australia/N.Z.
(T. Klasek)

EGYPT. Radio Cairo, sked to North America, undated but current.

0200-0330 9475, 12050
(V. Tripathi)

FRANCE. Here is a complete listing of Radio France International's frequencies for the English program "Paris Calling Africa"
TIME: 1605-1700 GMT.

11845 North Africa
15300 North Africa
15360 NW Africa, Indian Ocean
17720 West Africa, Indian Ocean
17850 Central Africa, Indian Ocean
21515 West Africa
21570 West Africa, Indian Ocean
21580 Central Africa, Indian Ocean
21620 South Africa
21675 West Africa, Indian Ocean
25820 South Africa
25900 Central Africa, Indian Ocean
(T. Smith)

GERMANY/PORTUGAL. Here is the J80 sked of Radio Free Europe.

0300-0500 5970 Polish Biblis
0300-0500 6105 Romanian Biblis/Holzsk.
0300-0500 11825 Bulgarian Gloria
15170 Bulgarian Gloria
17705 Bulgarian Gloria
21745 Bulgarian Gloria
0300-0600 7245 Romanian Biblis
0300-0800 6115 Czech. Biblis/Holzsk.
7165 Czech. Biblis/Holzsk.
0300-0700 9725 Czech. Biblis/Holzsk. & Gloria
0300-0800 11885 Czech. Gloria
0300-0800 7190 Polish Biblis
11725 Polish Gloria
0300-0800 15115 Hungarian Gloria
0300-0900 15145 Polish Gloria
0300-1500 17735 Polish Gloria (1)
0300-1300 17735 Polish Gloria (2)
0300-2200 9595 Romanian Biblis (2)
0300-0700 9595 Romanian Biblis (1)
0300-2200 11815 Romanian Biblis Gloria (2)
0300-0700 11815 Romanian Biblis/Gloria (1)

GERMANY/PORTUGAL (CONT. OF RFE)

0300-1800 17735 Romanian Gloria(2)
 0300-2200 11895 Hungarian Biblis/
 Gloria
 0300-2345 15255 Czech. Gloria
 17835 Czech. Gloria(3)
 0400-0700 9705 Hungarian Biblis
 0400-2200 5985 Hungarian Biblis
 7115 Hungarian Biblis
 0500-0800 9695 Polish Biblis
 0600-2200 21665 Polish Gloria
 0600-2200 21720 Czech. Gloria(4)
 0700-1500 9725 Hungarian Biblis,
 Gloria/Holz.
 0700-1200 21525 Czech. Gloria
 0900-1500 15355 Polish Gloria
 1200-1500 21530 Czech. Gloria(1)
 21580 Czech. Gloria(2)
 1300-1500 15115 Bulgarian Gloria(2)
 1300-2100 17725 Bulgarian Gloria(2)
 21745 Bulgarian Gloria(2)
 1400-2200 9595 Romanian Biblis(1)
 11815 Romanian Biblis/
 Gloria(1)
 1400-1800 17735 Romanian Gloria(1)
 1400-1600 17865 Hungarian Gloria
 1500-1800 7165 Czech. Biblis/Holz.
 1500-2200 7190 Polish Biblis
 9705 Polish Biblis
 11725 Polish Gloria
 15145 Polish Gloria
 1500-2200 9695 Hungarian Biblis
 15215 Hungarian Gloria
 1500-2200 9725 Czech. Biblis/
 Gloria/Holz.
 1500-2345 11835 Czech. Gloria
 1500-2100 15115 Bulgarian Gloria(1)
 17725 Bulgarian Gloria
 1600-1700 17865 Czech. Gloria
 1700-2200 17865 Hungarian Gloria
 1800-2345 7255 Czech. Holz.
 1800-2100 21700 Bulgaria Gloria
 2000-2200 5970 Polish Biblis
 2000-2200 6115 Romanian Biblis/Holz.
 2050-2100 15420 ENGLISH Gloria
 2100-2345 17725 Czech. Gloria
 2100-2200 17735 Romanian Gloria
 2200-2345 6105 Czech. Biblis/Holz.
 2200-2345 9565 Czech. Gloria
 11835 Czech. Gloria
 2200-2300 11895 Czech. Biblis/Glor.
 2200-2345 15145 Czech. Gloria
 15235 Czech. Gloria
 21665 Czech. Gloria

Biblis=Biblis, Germany
 Gloria=Gloria, Portugal
 Holz.=Holzkirchen, Germany

(1)=Monday thru Saturday
 (2)=Sunday only
 (3)=no transmission from 1600-1700.
 (4)=no transmission from 1600-1700.
 (T. Klasek)

GUAM. KTRW in Agana, the revised J80 sked.

0000-0140 17800 India
 0745-0930 11840 Japan
 1430-1500 15365 India
 11880 India (Wed-Th.)
 (D. Faccioli, P. Kowalski, M. Oakley)

GUATEMALA. TGNA, Radio Cultural, undated sked. but received recently.
 1100-0300 3300, 5955 SPANISH
 0300-0430 3300, 5955 ENGLISH
 (J. Carranna, D. Faccioli, S. Heyman)

HUNGARY. Radio Budapest, J80. North American sked.

0030-0100 6000, 9585, 9835, 11910, 15220, 17710, 21505 (1)
 (Wed. & Fri. only)
 0100-0130 6000, 9585, 9835, 11910, 15220, 17710, 21505
 (except Monday)
 0200-0230 6000, 9585, 9835, 11910, 15220, 17710
 0300-0315 6000, 9585, 9835, 11910, 15220, 17710
 (Wed. & Sat. only)
 0300-0330 6000, 9585, 9835, 11910, 15220, 17710
 (Monday only)
 IRAQ. Radio Baghdad undated.
 0300-0400 11925 North America
 2130-2230 9745 Europe
 (T. Klasek)

JORDAN. Radio Jordan in Amman, valid only to June.
 1500-1730 9560
 (J. Fisher)

KOREA. Here is the new schedule for Radio Korea in Seoul which became effective on June 16th.

1600-1700 7550, 9870 Middle East, N. Africa
 9720 Americas
 11830 Americas
 1900-2000 6480, 15370 Europe
 2130-2230 15375 Omnidirectional
 0100-0200 15375 Latin America
 15570 Omnidirectional
 0330-0430 15570 Omnidirectional
 0730-0830 9870 Americas
 11810 Americas
 15570 Europe
 1000-1100 6135 Omnidirectional*
 6165 Omnidirectional*
 7275 Omnidirectional*
 9570 South America
 11725 South America
 15570 Middle E./N. Africa
 9870 Asia
 1300-1400 7550 Southeast Asia
 11830 Southeast Asia

* new sked shows these transmissions running from only 1030-1100 even though all broadcasts are now 1 hour. Probably an error.
 (J. Kegel, T. Klasek, P. Thompson, T. Van Beurden)

MALAYSIA. The Voice of The Malayan Revolution. A clandestine anti-Kuala Lumpur station. Location not known.

0530-0600 11960, 15790
 1450-1520 11960, 15790
 (D. Faccioli)

PHILIPPINES. FEBC in Manila. This schedule became effective March 3rd. It is not known if it is still valid.

2300-0000	15450	Malaysia/Singa.
2300-0100	11890	India, S. Asia
0000-0500	17810	Japan, India
0100-0500	15305	India, S. Asia
0800-1000	11890	Australia, New Zealand
1245-1600	15440	India, S. Asia

(P. Kowalski)

SPAIN. Radio Exterior de Espana in Madrid, J80.

0005-0155	9630	Central, North America
	11880	Central, North America
0515-0615	9630	Central, North America
	11880	Central, North America
2010-2200	7105	Europe
	9765	Europe
	11840	Europe

(T. Smith, T. Van Beurden, & ?)

SOUTH AFRICA. Radio RSA, J80.

0200-0250	5980	NA
	9610	NA
	9585	NA
	11900	NA
0300-0426	3995	Africa/ME
	4990	Africa/ME
	5980	Africa/ME
	7270	Africa/ME
	9585	Africa/ME
0600-0658	15220	W. Africa, Europe
	17780	W. Africa, Europe
	21535	W. Africa, Europe
1100-1156	15220	Africa, ME, Eur.
	21535	Africa, ME, Eur.
	25790	Africa, ME, Eur.
1300-1550	15220	Africa, ME, Eur.
	21535	Africa, ME, Eur.
	25790	Africa, ME, Eur.
2100-2150	9585	W. Africa, Eur.
	11900	W. Africa, Eur.
	15155	W. Africa, Eur.

(P. Brewer, D. Ewing, Fernando, M. Oakley, S. Pitts, A. Plotnick, Wampler & ?)

SWEDEN. Radio Sweden in Stockholm, J80.

0230-0300	11705, 15290	N. America
1100-1130	9630	Europe
	21690	Aust./N.Z.
1230-1300	21690	Africa
	21635	East Asia
1400-1430	21615	N. America
	21700	South Asia
1700-1730	6065	Europe
	15355	S. Asia, ME
1830-1900	6065	Europe
	15240	Africa
2100-2130	15240	Africa
	15320	ME
2300-2330	11705, 15380	N. America

(T. Van Beurden)

UKRAINE. Radio Kiev, schedules of English broadcasts.

0030-0100	11735	North America
	15180	North America
	15275	North America
	15405	North America
0300-0330	11735	North America
	11790	North America
	15180	North America
	15405	North America
	17870	North America
2000-2030	7175	Europe
	9560	Europe
	11880	Europe

Effective August 1st: 12060 replaces 15275 kHz at 0030.
Effective September 7: 17845 replaces 15405 at 0030; 11715 & 9655 replace 15405 & 11790 kHz, at 0300 GMT; 9665 replaces 11880 at 2000 GMT.
(S. Heyman)

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

EAST COAST

2300-0100	9600 (from 0000), 9610, (xx) 9660, 9720(xx), 11710, 11720, 11750, 11770, 11920(x), 11960(x), 12030, 12050, 15100(x), 15240(x), 15420, 15520(till 0000)(xxx) 17760(xx), 17700, 21560(xx).
0100-0300	9600, 9610(xx), 9660, 9680(xx), 9700, 9720(xx), 11710, 11720, 11750, 11770, 11920(x), 11960(x), 12030(x), 12050, 15100(x), 15240(x), 15420, 17700, 17760(xx), 21560(xx).
0300-0400	9600, 9610(xx), 9660, 9680(xx), 9700, 9710(xx), 9720(xx), 11720, 11750, 11770, 11920(x), 11960(x), 12030(x), 12050, 15100(x), 15240(x), 15420, 17700, 17760(xx).

WEST COAST

0400-0500	9710(xx), 12030(xx), 12050, 15100(x), 15180, 15240(x), 15400, 15420, 17700(x), 17760(xx)
0500-0800	9710(xx), 11750(xx), 11870(xx), 12030(xx), 12050, 15100(x), 15180(x), 15240(x), 15400(till 0600), 15420, 17700(x)

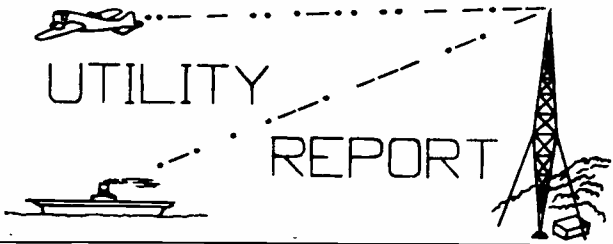
x=till Sept. 6, xx=from Sept. 7, xxx=till July 31st.
Remember, the broadcasts of both Radio Moscow and Kiev are transmitted from locations throughout the USSR and Bulgaria.
(M. Curnell, L. Dekeyser, J. Herbert, Ed.)

Sorry the column looks so messy, but I'm still not recovered from my recent wedding and honeymoon. Many thanks for all the cards and messages! Remember to put your name on skeeds.

Editor:

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

Deadline: 12th



TO: The Speedx Utility Clan

FROM: Utility Editor - Mike Chabak - 6171 E. Bellevue #19, Tucson, AZ 85712

SUBJECT: Present Status of the Speedx Utility Column

It is plainly obvious to one and all that once again, there will be no utility column this month. (but hold off for a moment with the cussin')

I received notice of my appointment on 12 July. Your loggings were therefore in other hands, and their remaining, arrived too late for me to meet the column deadline to the publisher. The time factor was the ultimate culprit, yet I realize that this excuse won't sit any better with you, than the previous ones did. Instead of nothing at all appearing, I opted for this open letter to the utility contributors.

I guarantee that there will be a regular September column. If I do fail this obligation, then you have my name and address, so you'll know who to tar and feather. At the same time, it would be unfair to jump all over Ken Compton. Although I do not know the details, apparently lady luck turned aside, and ill fortunes did a number on him. But left with no other option, HQ was forced to appoint a new utility editor. That means, you're now stuck with me.

By the way, if any of you are having difficulty pronouncing my name, don't worry. I often have trouble myself. Call me Mike, MTC, SOB, or whatever other colorful title strikes your fancy.

Many of you are hopping mad over the recent successive monthly absences of our column - including this one. You've got a very solid case, one in which I concur with 100%. I've been an active utility contributor since Jan 1974, so as an old hand, many of you will have to get in line behind me, when it comes to griping. But this sad condition will abruptly change as of the Sept. issue.

Let us set the record straight. My job is to collect your loggings & other utility related data, choose the best, type up the column, and get it to the publishers in time for inclusion into the following monthly bulletin. But let me stress this point; this is NOT my column, it is yours. For without your active participation, there would be no utility section in Speedx at all. - and on that point I kid you not. We cannot change the past, so the first order of business will be to get the column back on an even keel. I will do my part, and I hope you will do yours.

Since this is our column, I am now giving each and everyone of you the opportunity to voice his or herself. I would like you to write and give me your ideas, comments and suggestions concerning the utility section. Likes, dislikes, new items to be included, more of this section, less of that, and so on. In this way I will have a clearer understanding of the general consensus of you as a group. For now the format will remain the same. Any changes will be greatly influenced by your comments. So this is your golden opportunity to get your 2¢ in. Let me hear from you, for I not only want this utility column to survive, but to be a necessary part of our monitoring endeavors. You work with me, and I'll work for you.

That's about it for the pep talk..... Some of you know me, so for the enlightenment of those who don't, here is my bio.

I'm currently 38 years old, although there are times when I feel 70. Even by normal standards I'm considered weird. I raised snakes when I lived in Colorado. Here in Tucson I've just one left. Molly is her name, and she is an 8½ foot long Burmese Python. (and she's still growing) I've been twisting the dials since 1958 and have been totally hooked on the utilities since 1970. My passion is military-tactical-governmental comms, and I collect ute QSL's with both an honest reception report and a hell of a lot of prayer. My CW is lousy, RATT expertise is non-existent, and even on the best of days my native language, (english) can sound greek to me.

These impressive credentials, plus my good looks, (if early rigor-mortis is your thing) amply qualifies me to be your new utility editor. I prefer that our relationship will be informal and easy going. The only things I ask of you, is to be neat, be accurate, and do the best that you can.

I apologize that there is no loggings this month. It frustrates me just as much as it does you. But look at it on the bright side. With me as your new utility editor, things couldn't be any worse....ho-ho-ho!

73's OM/YL

MTC

I see that I have a considerable amount of blank space left, so I'll review these items.

The hurricane season will be upon us, and so there will be an increase in the activity of weather reconnaissance aircraft. For you QSL buffs, here is the data you will need.

CALLSIGN

- GULL - 53rd WRS based at Keesler AFB, MS - USAF - squadron name is HURRICANE HUNTERS
- TEAL - 920WRG/815WRS based at Keesler, MS - USAFR - Sq. name is STORM TRACKERS
- SWAN - 54th WRS based at Andersen AFB, Guam - USAF - Sq. name is TYPHOON CHASERS
- LARK - 55th WRS based at McClellan AFB, CA - USAF - Sq. name is POLE VAULTERS

GULL - TEAL - SWAN all fly a weather modified version of the C-130 Hercules transport. Known as WC-130's & the models used are B - E or H.

LARK are WC-135 aircraft (military version of the 707 transport) B model is in use.

Larks mainly confine themselves to the north pacific, flying the Elmendorf/Yokota route.... SWAN a/c roam the rest of the pacific up to Hawaii. Both GULL & TEAL a/c can be found off the west coast/east coast and caribbean areas.

One government weather recon unit also is active. This is the Dept. of Commerce, National Oceanic & Atmospheric Administration (NOAA) group. They use the aircraft callsign - NOAA plus 2 numbers. Currently these are known:

- NOAA 41 - a WC-130 type.... NOAA 42 - a WP-3 Orion.... NOAA 43 - a WP-3 Orion

Like all of the above squadrons, they can be heard on the USAF airways frequencies. They also have a set of freqs they work Miami directly, but these escape me at this time. Also, the facility states that they have no requirements for reception reports, so a QSL from them may depend a lot on pure luck.

MAILING ADDRESSES: (mail your reports to the a/c callsign, such as GULL 22, for the attention of the aircraft commander or the communications officer)

Aircraft GULL ## c/o 53rd WRS Keesler AFB, Biloxi, MS 39534	Aircraft TEAL ## c/o 920WRG/815 WRS Keesler AFB, Biloxi, MS 39534	Aircraft SWAN ## c/o 54th WRS Andersen AFB, GUAM 96334
Aircraft LARK ## c/o 55th WRS McClellan AFB Sacramento, CA 95652	Aircraft NOAA ## c/o NOAA/ERL Research Facilities Center P.O. Box 520197 Miami, FL 33152	

* Those of you that are interested in our current Indian Ocean activity can still tune in Diego Garcia and Cocos Island. Best time to try for is just after your local sunrise on 11.234 Khz USB. Here in Tucson I hear them regularly around 1300 -1430Z. IDs used are: DIEGO TOWER & COCOS ISLAND. Cocos by the way is an Australian island. Mailing addresses for them are:

COCOS ISLAND AERADIO
 P.O. Box 1
 Cocos (Keeling) Islands
 Indian Ocean

NAVSUPPFAC DIEGO GARCIA
 PO Box 7
 FPO San Francisco, CA 96685

QSL REPORTS

Editor: Bob Donly 7208 Sunview Dr. Columbia, South Carolina 29209
(deadline 12th of the month)

August, and Summer is indeed here. From the lyrics of "Porgy and Bess" by George Gershwin, comes the words, "Summertime when the living is easy" - but is it. At column time, here in the Southeast, the temperatures are exceeding the century mark almost daily.

Tim McCurdy checks in with a QSL from Radio NYAB in Bhutan. A personal letter, also included, commented that Tim's QSL is the first issued to anyone in the United States since 1974. The letter also gives the following broadcast schedule: 1200 - 1500 hours BST on 7040kHz, and 1700 - 2000 hours BST on 4690kHz. Be reminded that BST is GMT plus 6 hours. Tim's card is number 35. You may remember that last month, Munoz Faccioli, of Uruguay, also received such a card from Radio NYAB.

Bill Yohana becomes the third member of SPEEDX to receive a QSL from The Falkland Islands Broadcasting Station. Bill's card is number 25.

Other QSLs of note: The Voice of Revolutionary Ethiopia received by David Timmer, Radio Thailand received by Munoz Faccioli, and The Voix Du Zaire received by Marjorie Oakley.

It now begins to appear that if one sends a report directly to a BBC Relay site, he or she might get a full data letter verification. In the recent past, at least two have been received from The Atlantic Relay on Ascension Island. This month Bill Harms received such a letter from their East Mediterranean Relay on Cyprus. More of you might want to try this approach.

A fair number of reporters (66) reporting this month, 2 for the first time. Your reports are always appreciated.

Away we go !

Europe

- ALBANIA: R. Tirana, 7120, f/d "Haut Leve L'esprit Revoultionaire" cd in 61d sfc, no rp (CARANNA VA), 7300, same cd in 65d air, no rp (GONZALEZ NY)
- ANDORRA: R. Andorra, 6219, f/d Logo with Sun on logging scale cd in 120d air, for 4 IRCs (AUDETTE MA)
- AUSTRIA: ORF, 5945, 12015, 15320, 15560. F/d cds in 9-62ds air, no rp. "Moosbrunn Short-wave Transmitter Site", "Snaill and Castle", Glass Towers etc. (MILLER CA)(SMITH FL)
- BELGIUM: BRT/ORU, 15175, 15320, 15380, 15385. F/d cds in 22-90ds air, for 3 IRCs no rp. (MILLER CA)(TRIPATHI CA)(SMITH FL)(WORREL ND)(YOHANA NJ)(BYRON NY)(STONE ONT)(FARMER TN)(CARANNA VA)
- BULGARIA: R. Sofia, 9705, f/d "Bachkovo Monastery" cd in 55d air, no rp (FALLOWS ONT)
- CZECHOSLOVAKIA: R. Prague, 5930, 7345, 11990. F/d cds in 30-108ds air, no rp. Highest Peak of Tara Mountains, "Konopiste Chateau", "Zvikov Castle" etc. (STONE ONT)(SMITH FL)(TRIPATHI CA)(SEMESKY IN)(WORREL ND)(OSBORNE MI)
- DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 17d air, for 1 IRC (ERAMO MA)
- FINLAND: R. Finland, 11755, no/data "Spring in Finland" cd in 47d air, no rp (CURNELL OR)
- FRANCE: R. France International, 21620, f/d "Tour Eiffel" cd + pennant in 28d air, no rp (MILLER CA)
- GERMANY(Democratic Rep.): RBI, 11890, 11975, 15100, 21540. F/d cds in 54-150ds air, no rp. "30 years of the GDR", "On the Shore", "Leipzig" etc. (TRIPATHI CA)(MILLER CA)(SMITH FL)(HUDDLESTON TX)
- GERMANY(Federal Rep.): Deutsche Welle, 6100, date/only Monitors cd in ?d, no rp (NO NAME ON REPORT), 9560, no/data Logo cd in 64d air, no rp (VAN BEURDEN CA), same cd + pennant in 95d air, no rp (CURNELL OR), no freq. given, but same cd in 230d air, no rp (HUDDLESTON TX), "Pintoricchio and Guerin Art" cds verifying all freqs. reported as a DW Monitor (MUNSTER GA)
- GREAT BRITAIN: BBC, 15070, no/data "Tower Bridge" cd in 10d air, no rp (JONES VA)
- GREECE: V. of Greece, 11730, f/d "Nicolaos Beach" cd in 44d air, no rp (FISCHER GERMANY), VOA Kavala Relay, 11760, f/d "Satellite Americom" cd in 8d sfc, no rp (CONOVER KY)
- HOLLAND: R. Nederland, 9590, f/d "Authentic Costumes" cd in 22d air, for 1 IRC (ERAMO MA)
- HUNGARY: R. Budapest, 11910, 17710. F/d cds in 50-80ds air and sfc, no rp. "Modern Design" "Little Girl in Peasant Costume" etc. (SMITH FL)(BYRON NY)(OSBORNE MI)

.. Success covers a multitude of blunders ..

ITALY: RAI, 9575, 11800, 15330. F/d cds in 61-138d air, for IRCs no rp. "Statue of Santa Teresa", Castle, "Painting by Giorgione" (JOHNSON IL)(HILL VA)(CARANNA VA), date/freq. ltr. asking for more reports in 61d air, no rp (TRIPATHI CA)

LUXEMBOURG: R. Luxembourg, 6090, f/d Tower with Crest cd in 2 years sfc, for 2 IRCs (MATSE LA), same cd in 134d air, no rp (HOWELL CA), same in 76d sfc, no rp (BEEMAN OH)

MALTA: Deutsche Welle Relay, 6100, date/only Mountain Scene cd in 32d air, no rp (THOMPSON NM)

MONACO: TWR, 9495, f/d "Monte Carlo by the Sea" cd in 30d air, for 1 IRC, also received pennant (BREWER TN)

NORWAY: R. Norway, 11860, f/d "Ferry Kaupanger" cd in 20d air, no rp (MCCURDY CA), 15175, f/d "Hotel Mundel" cd in 17d, no rp (ERAMO MA), 21730, same cd in 70d sfc, no rp (BEEMAN OH)

POLAND: Polskie R. / R. Polonia, 5995, 7270, 9525, 11815, 15120. F/d cds in 25-95d air, no rp. "Warsaw Lozienki Park", "Royal Palace", "Tractor", "Three Runners" etc. (SMITH FL)(FISCHER GERMANY)(FRASER MA)(HOWELL CA)(CUCURA PA)(YOHANA NJ)(BREWER TN)(CURNELL OR)(BROWN WA)(VAN BEURDEN CA)

PORTUGAL: R. Portugal, 6025, 11925. F/d cds in 21-50ds air, no rp. "D. Jose's Bedroom" (CARANNA VA), Drawing Room (OSBORNE MI), Old Vase (HEYMAN NY)(CURNELL OR), "Scenes of Passion" (MCCURDY CA)

R. Free Europe, 11825, freq./only Transmitter Site cd in 21d air, no rp (MUNSTER GA)

R. Liberty, 21745, freq./only Map cd in 45d, no rp (BEEMAN OH)

ROMANIA: R. Bucharest, 5990, 9570.

F/d cds in 63-129d air and sfc, no rp. "View of Piatra Neamt" (HEYMAN NY)(WORREL ND), "Borsa Mountain Resort" (JOHNSON IL)

SPAIN: R. Exterior De Espana, 7105, 9630, 11880. F/d cds in 17-46ds air, no rp. "San Miguel Cathedral", "Iglesia De San Miguel" etc. (MCCURDY CA)(SMITH FL)(TRIPATHI CA)(FARMER TN)(THOMPSON NM)(HEYMAN NY)(VAN BEURDEN CA) also pennant (MILLER CA)

SWEDEN: R. Sweden, 11705, no/data Map cd in 26d air, no rp (VAN BEURDEN CA), f/d River cd in 21d air, no rp (MCCURDY CA), 11905, no/data Map cd in 26d air, no rp (JOHNSON IL)

SWITZERLAND: SRI, 9725, f/d Mountain Scene cd in 58d air, no rp (TRIPATHI CA), "Rouges-Terres" cd in 60d, no rp (NEBRON CA), 11715, f/d Forest and Mountain cd in 60d sfc, no rp (CURNELL OR), 15125, same cd in 60d sfc, no rp (CARANNA VA), 15305, f/d "Alps in the Fall" cd in 68d air, no rp (FARMER TN)

USSR: R. Moscow, 7440, 9490, 25 Metres(Moscow), 12030(Tuła), 12070(Lvov), 15100(Khabarovsk), 15415, 15445(Simferopol), 15455(Moscow), 15535(Frunze), 17720(Moscow), 17700(Petropovlovsk-Kamchatsky). F/d cds in 15-76ds

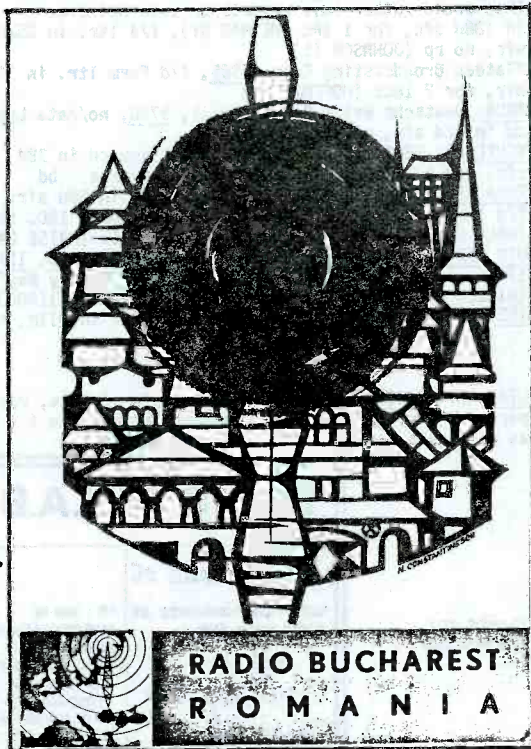
air, for 1 IRC no rp. "Olympic Bear", "Red Square", "Tretyakovsky Gallery" etc.(ZEHR NV)(PLOTNICK CT)(SMITH FL)(SEMESKY IN)(CARANNA VA)(JONES VA)(MILLER CA)(HUDDLESTON TX)(WORREL ND)(OSBORNE MI)

R. Kiev, 7215, 7260, 11790, 17870. F/d cds in 82-223ds air, no rp. "Dneiper River", "Park of Glory", "Lybid Hotel" (HEYMAN NY)(FRASER MA)(FISCHER GERMANY)(SMITH FL)(CURNELL OR)

R. Station Peace and Progress, 25Metres, 15510, 7215, 11770. F/d cds in 32-95ds air, no rp. "Olympic Bear", red/green Logo cd, FoTder cd (WORREL ND)(SMITH FL) also pennant (SEMESKY IN)

R. Vilnius, 7215, 11770, f/d folder cds + pennant in 95d air, no rp (SEMESKY IN)
(Ed. note: Please do not indicate USSR sites unless so designated on your QSL card. Even these are suspect. Also print sites clearly on your reports.)

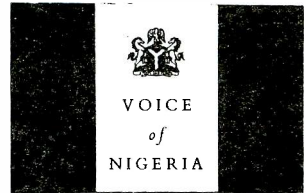
... You only live once. But if you work it right, once is enough ..



Radio Bucharest QSL used several years ago

Africa

BENIN(People's Rep.): ORTB, 4870, f/d Multi-scene cd in 62d air, for 1 IRC (HOWELL CA)
CAMEROON(United Rep.): R. Garoua, 5010, f/d Form ltr. with info. entered by hand in 9 mths. sfc, for 1 IRC (HOLBROOK MD), same ltr. but numbered 002 in 71d sfc, no rp (McLEAN NY), same but numbered 081 in 71d sfc, for 2 IRCs (HEYMAN NY), same in 214d sfc, for 2 IRCs, v/s S. Ngoura (HALL CA)
 R. Yaounde, 9745, freq./only Map cd in 75d air, for IRCs (HILL VA)
EGYPT(Arab Rep.): R. Cairo, 9475, f/d Pyramids cd in 78d sfc, no rp (TRIPATHI CA), 11715, same cd in 152d air, no rp, also received pocket calendar (FACCIOLI URUGUAY)
ETHIOPIA: V. of Revolutionary Ethiopia, 7110, f/d pale green cd including schedule in 6 mths. air, for 3 IRCs (TIMMER IN) Very good David ! bd
IVORY COAST: Rdif. Ivorienne, 11560, f/d Map and Antenna Tower cd in 38d air, for 2 IRCs station verified wrong freq. (HUDDLESTON TX)
LIBERIA: VOA Relay Monrovia, 17860, f/d Satellite Americom cd in 8d sfc, no rp (CONOVER KY)
MOROCCO: VOA Relay Tangier, 15245, f/d "Satellite Americom" cd in 11d air, no rp (BYRON NY)
NIGERIA: FRC Lagos, 4990, f/d ltr. that also stated they would rather have reports on external Svc. in 188d sfc, for 1 IRC (HEYMAN NY), f/d ltr. in 252d sfc, no rp (JOHNSON IL)
 Plateau Broadcasting Corp. 5965, f/d Form ltr. in 39d air, for 2 IRCs (HOFFMAN PA)
RWANDA: Deutsche Welle Relay Kigali, 9700, no/data Logo cd in 92d air, no rp (AUDETTE MA)
SEYCHELLES: FEBA, 15405, no/data thank you cd in 18d sfc, for 1 IRC (BERES CT) Target only verie. bd
SIERRA LEONE: SLBS, 5980, f/d no desc. ltr. in 68d air, for 2 IRCs, rptd. in EE (CUCURA PA), f/d ltr. typed on ltrhead. in 83d sfc, for 1 IRC, this after 5 tries, v/s H. A. Lynch (HALL CA), f/d ltr. in 30d air, for 2 IRCs (MAISE LA)
SOUTH AFRICA: RSA, 9585, 9610, 9715, 15155, 15220, 17780, 21535, 25790. F/d cds in 20-174ds air and sfc, for 1 IRC no rp. "Cheetah ay Bay" (SMITH FL) (THOMPSON NM) (HEYMAN NY) (MILLER CA) (WORREL ND) (VAN BEURDEN CA) (ZEHR NV) (AUCOIN LA) also pennant (BEEMAN OH)
ZAIRE: La Vioz Du Zaire, 15530, f/d FF ltr. in 111d, no rp (OAKLEY OR)



Asia

BHUTAN: NYAB, 4690, f/d cd in 46d air, for 3 IRCs, v/s Louise Dorji, also received personal ltr. (McCURDY CA) Congratulations Tim ! I believe that Tim sent them a tape as well as a detailed rpt. bd (see below)

RADIO N.Y.A.B.		P.O. BOX NO. 1 THIMPHU, BHUTAN
QSL CARD 35		
RECEIPTION CONFIRMED BY RADIO NYAB FOR:-- 14/5/80..... 1211 - 1230 GMT..... 4.470 MHz.....	TX : 300 W INVERTED 'V' DIPOLE SUNDAYS SW 41 M/7.040 MHz 1200-1600 BST WEDNESDAYS & FRIDAYS SW 81 M/4.890 MHz 1700-2000 BST BST=GMT+6	Congratulations! Louise Dorji FOR RADIO NYAB

CHINA: R. Peking, 15520, f/d Broadcasting Building Bldg. at Night cd in 17d air, no rp (MILLER CA), f/d "Peking Summer Palace" cd in 30d air, no rp (SMITH FL), f/d "Hall of Supreme Harmony" cd in 19d air, no rp (SMITH FL)
CYPRUS: BBC East Mediterranean Relay Limassol, 15420, f/d typed ltr. v/s G. A. Appleton (HARMS UT) Sorry, Bill did'nt provide any other info. bd (see next page)
INDIA: AIR, 11620, f/d "Puppet" cd in 347d sfc, no rp (SMITH FL), f/d "Parswanath Temple" cd in 265d sfc, for 2 IRCs (VAN BEURDEN CA), 11810, f/d "Marinc Drive, Bombay" cd in 185d sfc, no rp (MILLER CA)
INDONESIA: V. of Indonesia, 11790, f/d "Tanah Lot Temple on Bali" cd in 166d air, for 3 IRCs (HUDDLESTON TX)
 RRI Fak Fak, 4790, freq./only Indo. ltr. in 50d air, for MS, rptd. in Indo. (LAZARUS LA)

INDONESIA(continued): RRI Surakarta, 4932, f/d Indo. ltr. with station Seal in 70d air, for 2 IRCs (BREWER TN)

British East Mediterranean Relay Station
P.O. Box 219 Limassol
Cyprus
Telephone Limassol 2038/2039

Your reference
Our reference 101/1/1
Date 19 June 1980

Bill Harms Esq
University Station
P O Box 7428
Provo UT 84602
U.S.A.

Dear Bill

I am pleased to confirm the details given in your reception report of the British East Mediterranean Relay Station for 0257 - 0328 GMT 17 May 1980. 154.20 KHz, which you heard, was broadcast on a Marconi 100 KW Transmitter Type BD253 radiating from a southward directed 2 x 2 array with reflecting curtain.

Your report has been passed on to the BBC, London.

Yours
Sincerely,
G A Appleton
Engineer in Charge

Thanks to:
Bill Harms

IRAN: The V. of The Islamic Rep. of Iran, 9022, f/d cd with Anniv. of Revolution in 35d air, for 2 IRCs, verified wrong freq. Should have been 15084 (WITTE CA), f/d NIRT Bandar Abbas Centre cd in 156d air, no rp (PETERS KY)

IRAQ: R. Baghdad International, 9745, f/d large folder cd in 3 months. air, for 1 IRC (AUCCOIN LA), f/d blue folder cd + schedule in 69d sfc, for 1 IRC (HALL CA), f/d large folder cd + schedule info. in 54d air, for 1 IRC (AUDETTE MA)

ISRAEL: IBA, 9815, f/d "Dead Sea Scrolls" cd in 72d air, no rp (JAMES MI), 11637, same cd in 77d air, no rp (BYRON NY), same cd in 82d air, no rp (THOMPSON NM), 17645, same cd in 60d air, no rp (CARANNA VA), 15582, 25640, 27790, f/d "Temple Mount and Western Wall" cds in 47d air, no rp (MUNSTER GA)

JAPAN: R. Japan, 15270, 15310, 17725, 17755, 21640. Date/freq. and one f/d cds in 15-40d air, no rp. "Water Lilies" (WORRELL ND)(FISHER GERMANY)(CUCURA PA)(ZEHR NV), "Straw Horse" (JONES VA)(THOMPSON NM)

JORDAN: Hashemite Kingdom Broadcasting Service, 9560, f/d "Hebron. The Mosque of Ibrahim" cd in 23d air, no rp (FISHER MA)

KOREA (Republic): R. Korea, 7275, f/d "KBS Building" cd in 21d air, no rp (TRIPATHI CA), 11725, f/d "Inauguration of New Frequency" cd in 30d air, no rp (SEMESKY IN)

KUWAIT: R. Kuwait, 11665, f/d folder cd in 46d air, no rp (AUCCOIN LA), f/d folder cd + schedule in 66d air, for 1 IRC (MARSHALL GA)

MONGOLIA: R. Ulan Bator, 12070, date/freq. Logo cd in 110d air, for 2 IRCs, arrived with 40¢ postage due (BREWER TN) lately a number of Ulan Bator QSLs have arrived with postage due, some where even 3 IRCs were sent - better try 4 IRCs ! bd

PAKISTAN: R. Pakistan, 21590, f/d "Satellite Town" cd in 42d air, for 2 IRCs (WITTE CA), 21755, time/freq. "Minor - I - Pakistan, Lahore" cd in 125d sfc, for 3 IRCs (SEMESKY TN)

PHILIPPINES: FEBC, 11890, 17810. F/d cds in 29-123ds air and sfc, for 1-3 IRCs no rp. "Native Hut" (SEMESKY IN)(HUDDLESTON TX)(FACCIOLI URUGUAY), "30 years of Broadcasting" (MCCURDY CA)(JONES VA), Sun over Horizon (AUDETTE MA) - R. Veritas Asia, 9605, 11955, date/only and time/only cds in 20-36ds air, no rp sent, also ltr. from DX announcer, cds were of programme staff (MILLER CA)

SAUDI ARABIA: BSKSA, 15060, f/d Logo cd in 40d air, for 1 IRC (HOWELL CA), f/d white cd in 43d air, no rp, received registered, v/s A. M. Swailen (WORRELL ND)

TAIWAN: V. of Free China, 15270, date/only ltr. in 20d air; no rp (MILLER CA), f/d "Vase of Ming Dynasty" cd in 25d air, for 3 IRCs + pennant (SEMESKY IN)

THAILAND: f/d Flower cd and f/d ltr. in 123d air, for 1 IRC, v/s Ramyong Sakornpan (FACCIOLI URUGUAY)

TURKEY: V. of Turkey, 11955, f/d "Turkish Humor" cd in 50d air, no rp (FRASER MA), same cd in 57d air, no rp (KERN CA)

United Arab Emirates: R. Colour TV Dubai, 21485, f/d Map cd in 35d air, no rp (JARRETT CT), same cd in 30d air, for 2 IRCs, v/s Harold Robin (BREWER TN)

Oceania

AUSTRALIA: VLW9, 9610, f/d Map cd also containing transmitter schedules in 16d air, for 2 IRCs (PITTS UT)

GUAM: TWR/KTWR, 11840, 15365. F/d cds in 12-132ds air and sfc, for 2-3 IRCs MS no rp. "Special Commemorative DX Listeners cd" (OAKLEY OR)(KOWALSKI WI)(COLLINS OR)(ERAMO MA), Globe Logo (HOWELL CA)(SEMESKY IN), Map Logo (AUDETTE MA), Palm Trees Logo (TRIPATHI CA), also pennant (FACCIOLI URUGUAY) See below for special DX card. bd

**K
T
W
R**

TRANS WORLD RADIO

COMMEMORATIVE QSL - DX LISTENERS' LOG

F₂ LAYER
E LAYER
KTWR TRANSMITTERS
TARGET AREAS

*Stay with me
Delia Blosser
Dave Newell
Whitice Whitmore*

P.O. BOX CC
AGANA, GUAM

ENDORSEMENTS INCLUDED ON THIS QSL CONFIRMS THAT ONE OF
THE FIRST FIVE DX LISTENERS' LOG PROGRAMS WAS HEARD.

Thanks to:
J. M. Collins
P. Kowalski

NEW CALEDONIA: FR-3/R. Noumea, 7170, date/freq. ltr. with FR-3 Logo in 115d air, for 1 IRC (HEYMAN NY)

NEW ZEALAND: R. New Zealand, 15345, 17860, 17870. F/d cds in 12-30ds air for 1-3 IRCs, in 23d air, no rp. "New Zealand Calling" (TRIPATHI CA)(VAN BEURDEN CA)(HUDDLESTON TX), Cows in Field (PITTS UT), Mountain View (MARSHALL GA)(FARMER TN), Village with Tourists (ERAMO MA)

PAPUA NEW GUINEA: NBC, 4890, f/d Map cd in 72d sfc, also received pennant, no rp (PETERS KY)

R. East New Britain, 3385, f/d white NBC cd with verie filled in received in 128d sfc, for 2 IRCs, v/s Pearson Vetuna (FORSMAN CA), f/d faded Map cd in 2d air, no rp, this after 5 follow-ups (OAKLEY OR)

R. East Sepik, 3335, f/d yellow Map cd in 34d air, for 2 IRCs (WITTE CA)

R. New Ireland, 242B, freq./only personal ltr. in 27d air, for MS, v/s Aloysius Rumina (LAZARUS LA)

SOCIETY ISLANDS: FR-3/R. Tahiti, 15170, f/d "Mermaid" cd in 37d air, for 1 IRC (JARRETT CT)

SOLOMON ISLANDS: SIBC, 5020, f/d Logo cd in 21d air, no rp (FARMER TN), same cd in 20d air, for 3 IRCs (MILLER CA), 9545, same cd in 31d air, for 1 IRC (TRIPATHI CA)

YANUATU/NEW HEBRIDES, 7260, f/d "Tam Tam" cd in 180d air, for 3 IRCs (DONLY SC), same cd in 96d air, for 2 IRCs, v/s I. J. Irving (CUCURA PA)

South America

ARGENTINA: RAE, 11710, f/d blue/white Logo cd in 55d air, for 1 IRC (AUCOIN LA)

BOLIVIA: R. Emisoras Bolivia, 4755, no/data form ltr. with verie. statement and blue pennant in 50d air, for 1 IRC, v/s Oscar Elias Siles (HOFFMAN PA)

BRAZIL: R. Nacional/R. Bras, 15280, f/d "Sunset over Brasilia" cd in 47d air, no rp (FALLOWS ONT), f/d Building at Night cd in 130d air, for 1 IRC (BERES CT), 15290, f/d Government Office Building cd in 122d air, no rp (BYRON NY)

R. Cultura, 3265, freq./only local post cd with verie. statement and 2 decals in 34d air, for MS (HOFFMAN PA)

R. Cultura,Cuiba, 5015, date/only cd with verie. statement and also local post cd in 19d air, for MS, v/s Julio Rodrigues Junior (HOFFMAN PA)

CHILE: La Voz De Chile, 15140, f/d "Sunset" cd in 70d sfc, no rp (BEEMAN OH)

COLOMBIA: Rdif. Nacional De Colombia, 15335, date/only cd in 68d air, for 1 IRC (FACCIOLI URUGUAY)

Tips and Topics

The Feature Section of SPEEDX

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

FIVE-DAY USERS REVIEW: R-7-DR-7 VS. SPR-4

by David K. Maxfield

Drake's new general coverage receiver, the R-7/DR-7, was exhaustively reviewed by SPEEDXer Larry Magne in World Radio TV Handbook 1980 (p. 551), and favorably compared with three other radios by NASWAer Jerry Lineback in FRENDX (12/78, p.7). However, its interesting treatment by Don Moman in SPEEDX (6/80, p. 41) provides relatively few technical details. Thus the present account of a five-day trial will commence with specifications and general description.

SPECIFICATIONS

Frequency coverage: 0 to 30 MHz.

Frequency stability: less than 100 Hz drift after warm-up.

Digital readout accuracy: plus or minus 100 Hz.

Mode of operation: AM, SSB, CW, RTTY.

AM sensitivity without use of internal preamp: less than 2.0 uV for 10 dB S/N at 30% modulation.

AM sensitivity with use of internal preamp: less than 1.2 uV with same S/N and modulation.

Selectivity: 2.3 kHz filter supplied; optional filters 6.0, 4.0, 1.8, 0.6 and 0.3 MHz

Strong signal handling: better than 95 dB.

IF and image rejection: greater than 80 dB.

AGC release times: 2 seconds (slow), 0.4 seconds (medium or normal), .075 seconds (fast), and OFF.

Antenna input impedance: nominal 50 ohms.

Audio output: 2.5 watts with less than 10% THD into nominal 4 ohm load (also a low level tape output).

Power requirements: 60 watts at 120 volts, 50/60 Hz. Also can be used with 100, 200, 240 volts AC, and 11.0 to 16.0 volts DC.

Dimensions: 13" deep, 13.6" wide, 4.6" high, exclusive of knobs, feet, and connectors.

Weight: 18.4 pounds.

GENERAL DESCRIPTION

Although highly recommended for SWL/DXing, R-7/DR-7 is the digital readout and extended coverage version of Drake's new R-7. The latter is a ham receiver primarily intended to be used with their TR-7 transceiver, also new. (For a review of R-7, see QST, 1/80, p. 49). Both R-7 and R-7/DR-7 are considered rather unconventional. Thus R-7/DR-7 is of 100% solid state broadband design, fully synthesized with a permeability-tuned oscillator. Its front end includes a series of bandpass filters covering 0.01 to 30.0 MHz, and employs a high level double balanced mixer, as well as a 48 MHz "up-converted" first IF stage designed for superior image rejection and strong signal handling. Its AM detector is of a new "synchro-phase" type.

Among its notable special features are the following (ignoring features that are strictly for hams):

1. A unique two-knob-and-two-pushbutton main tuning mechanism;
2. Six-digit readout that never needs calibration;
3. "Rate incremental tuning," which is a fine-tuning system that (unlike Delta systems) modifies the readout as it is employed;
4. "Passband tuning," that is an adjustment capability allowing tuning of each sideband separately, and peaking of any portion of either sideband;
5. Ability to select up to three antennas from the front panel, and to route either of two to a second receiver. This additional radio may be used separately from - or simultaneously with - the R-7/DR-7, employing the same - or a different - antenna;

6. Tunable notch filter;
7. Optional noise blanker.

CONDITIONS OF USE

For the trial, a Drake SPR-4 was the second receiver, and a Dymek DA-100 active vertical on roof-top mast was used as main antenna, while indoor random wires of different lengths were attached to represent alternate antennas. Of course both receivers should have had significant outdoor antenna farms to do them full justice. Nevertheless, a goodly number of stations, weak and strong, far and near, were logged. Even better results undoubtedly would have been achieved in the Fall and Winter DX seasons. The active antenna, noisy like most verticals, occasionally provided significant QRM loads for both receivers. After practice with R-7/DR-7's controls, usual technique was to try to tune SPR-4 to a station already being received by its younger brother.

The SPR-4 had been modified to make its 2.4 kHz SSB filter usable with AM, supplementing its 4.8 kHz AM filter. The R-7/DR-7 had 6.0, 4.0, 2.3, 1.8 and 0.5 kHz filters. The R-7/DR-7's variable AGC was not tested, the buttons being left permanently on "medium," the setting believed to be most comparable to SPR-4's AGC. Relatively few heterodynes were encountered, so the notch filters of the two radios were not given much trial. The noise blanker was not present on the R-7/DR-7. External speakers were used, inasmuch as neither Drake product had an adequate internal speaker.

HAPPY DISCOVERIES

R-7/DR-7's antenna/receiver switching and antenna splitting capability was much appreciated, as it eliminated much clutter of multiple cables, external coax switches, etc., and made possible simultaneous testing of both receivers with the same antenna.

The excellent bandpass filters, along with the unusual AM detector, and the ability to tune the sideband least interfered with, made noise and unwanted signals significantly less present with R-7/DR-7 than with SPR-4. This happy situation was importantly affected by the ability to use any IF filter with either sideband. Thus a number of stations totally unhearable with the older receiver came through quite distinctly on the newer product. In general, sensitivity of the two receivers, even when R-7/DR-7's internal preamp was used, seemed to be relatively equivalent. However, R-7/DR-7's sensitivity was far more usable. Inasmuch as sideband portions nearest the carrier contain low frequencies, and portions further away contain higher frequencies, the passband tuning sometimes could be used as a sort of tone control. This capability was especially useful when stations changed from a male to a female announcer, and vice versa.

Moman reported serious overloading of his R-7 from local stations. However, despite the fact that several "powerhouses" were located fairly near the present writer's shack, no difficulties of this sort were encountered with either receiver. Both radios were rock steady. R-7/DR-7's sixth digit sometimes flickered once or twice after turn-on, but it never altered by more than one 100 Hz unit, thereby equaling or bettering the stability claimed for SPR-4, which has analog readout only.

The two sets sounded good with external speakers, but their different IF filter configurations made comparison difficult. They also sounded good when the tape output of one or the other was fed into both channels of a 40 watt high fidelity system. Possibly, R-7/DR-7 would have sounded slightly better under certain conditions, if 5.0 and 3.0 filters had been present to supplement or replace its 6.0, 4.0 or 2.3 kHz filters. (For SWL purposes the 1.8 and 0.5 kHz filters could be dispensed with.)

The RF gain control on R-7/DR-7, unlike that of SPR-4, does not produce hum when it is moved away from maximum. The tuning "feel" caused by non-meshing dial components, and the power supply harmonics, complained of by Magne, had been corrected by the time this particular R-7/DR-7 came off the assembly line.

UNHAPPY DISCOVERIES

The R-7/DR-7 costs an arm and a leg - nearly three times as much as SPR-4's original price. Thus a beloved stamp collection had to be sacrificed in order to pay for it. (One who cannot afford this or other of the high quality newer receivers, might well consider acquiring a used SPR-4. There are some available these days, and may have been needlessly under-rated. For a SPR-4 review, see Popular Electronics, 11/74, p. 66).

There are 31 controls and indicators on R-7/DR-7's front panel. Of these, eight are of use only to a ham operator, although the capabilities they represent explain part of the cost. If certain of these ham controls are inadvertently activated, normal SWL activities may be temporarily disrupted. Two SWL controls are redundant: notch filter and fine tuning knobs cannot be utilized until certain buttons are also pushed. When the set is turned on, the digital readout does not correctly "remember" the setting displayed at turn-off. Thus taping with a timer is ruled out.

For some reason there is a 220 ohm resistor in series with R-7/DR-7's earphone jack. Thus the Telex phones that worked well with SPR-4 were considerably less effective unless plugged into R-7/DR-7's speaker output. The newer radio uses 60 watts of house current - three times what is required for SPR-4. Thus it runs rather hot, and must be quite well ventilated. Nevertheless, its audio output is half a watt less than that of SPR-4.

Magne reported that the unusual main tuning controls on R-7/DR-7 seriously interfered with rapid, comfortable location and changing of bands and frequencies. Lineback stated that its tuning was indeed slow, but not much more so than SPR-4's. However, another well-known SWL/DX authority, consulted by phone, unhesitatingly called the R-7/DR-7's main tuning system "idiotic."

At all events, in order to tune, one has to play with four primary controls:

1. An 11-position band selector, whose bands do not necessarily correspond with SWBC bands;
2. A VFO knob controlling a 850 kHz-wide segment of the band set by the selector;
3. Two buttons marked "up" and "down," respectively, which raise or lower frequencies within band selector setting by 500-kHz steps. All too often, one or other of these buttons must be pushed several times to tune one frequency.

Despite high determination, your reviewer found his temper constantly rising - and his R-7/DR-7 enjoyment level going down, down, down - as he persisted in trying to coordinate these four controls rapidly and effectively. It seemed to him that Drake should have taken a leaf out of the NRD-505 book, and provided a band selector rationally calibrated in single MHz steps.

CONCLUSION

Despite its ham features, R-7/DR-7 is well worth its high cost. In fact, its performance is outstanding and, in some respects, unsurpassed. Thus those capable of coping with its frustrating main tuning controls should hasten to sell their stamp collections, and buy it. This reviewer, however, despite the fact that he had intended permanent possession, decided after five days to return his R-7/DR-7 to the dealer - even though his stamps were gone beyond recall.

After this experience he likes his SPR-4 better than ever, but certainly may live to regret loss of various R-7/DR-7 special features - most especially that wonderful passband tuning, and the impressive reduction of noise and interference. However, if he can bring himself to sell some additional stamps, he may order a NRD-505, which also has some notable features.

SCITUATE OBITUARY

by Adrian M. Peterson

Last year, one of America's best known international broadcasting stations, located at Scituate in Massachusetts finally closed down after half a century of active service. This historic radio base has been heard in all countries around the globe, and it carried programs for AFRTS, VOA, and various Gospel organizations during its long and distinguished broadcasting career.

It was in 1973 that I visited the New England States on a historical tour, and part of this tour took in the Scituate radio station. At the time of my visit to Hatherly Beach, the station was transmitting under the callsign WNYW, and negotiations were under way for the sale and transfer to Family Radio. Five transmitters were in use, and these were controlled from a centrally located control room. Programs on tape were inserted into the electronic equipment in the control module, and the only live programs at the time were news feeds on line from New York.

The story of Scituate has been written many times before, though usually only in part. This time, the story of Scituate is being written again, but on this occasion for the last time. This is the Scituate Obituary.

Early Years

It was on October 15, 1927 that the first SW broadcast license in the USA was issued. It was granted to Walter Semmons of the Experimenter Publishing Company in New York City. He erected a small 500 watt transmitter for use on the SW frequency of 9700 kHz. The al-located callsign was W2XAL, and it broadcast in parallel, programs from the MW station WRNY (Radio New York). Studios were in the Hotel Roosevelt, New York City, and the transmitter was located at Coytesville, N.J.

The license for this station was different from all other licenses issued during this period. All others were for experimental SW transmissions. However, even though the callsign was in the experimental series, the actual license issued to Semmons was for a regular SW broadcasting service. It is listed as such, in "Famous First Facts USA".

Two years later in 1929, the New York station W2XAL was transferred to Scituate just south of Boston in the New England state of Massachusetts. The site is in walking distance from the beach at the edge of the pounding Atlantic Ocean.

At its new location, the station was licensed under the familiar and now nostalgic callsign WLXAL. The name of the operating company was changed to World Wide Broadcasting Corporation. In the mid 1930's, two channels were in use, 11790 and 15250, but at the time, schedules were rather irregular. An additional 20 kW transmitter was added in July 1939, and given the parallel callsign WLXAR.

On September 1, 1939, in a general regularization of SW callsigns in the USA, WLXAL became WSLA and WLXAR became WSLR. However, two weeks later, these callsigns were again changed, and this time to WRUL and WRUW.

Consolidations

Around the World War II era, three other well-known SW broadcasters were consolidated into the Scituate radio station. These involved international SW outlets previously located in Pittsburgh, Pennsylvania, Millis and Hull, Massachusetts, and Miami, Florida.

WPIT

Back in the pioneer days of radio broadcasting, Dr. Frank Conrad of KDKA began experimenting with SW transmissions. In August 1922, station W8XS was established on the roof of the Westinghouse factory in East Pittsburgh, Pennsylvania. This transmitter commenced regular broadcasting on July 1, 1923, and it was used to relay feeder programs to 2 MW outlets KDPM in Cleveland, Ohio and KPXK in Hastings, Nebraska. In mid-1924, Conrad transferred his famous 8XK callsign to Westinghouse, and this familiar call was heard world wide until the onset of the international emergency in 1939. On September 1 of that year, the 40 kW W8XK became WPIT.

In mid-1940, the FCC required all SW stations to emit a minimum of 50 kW. Westinghouse decided to move WPIT to a new location near Boston. The transmitter was relocated at Hull, on the end of a peninsula opposite Boston.

WBOS

Interestingly, the transfer to Hull involved another amalgamation. This was with another Westinghouse station WLXAZ which had been established at Springfield, MA in 1930. This station WLXAZ was incorporated into WLXK at Millis in 1935, and the combined station was relocated at Hull in the consolidation with WPIT in 1940. Actually, the callsign WPIT was used for the 35 kW transmitter at Hull, until April 1941, when it became WBOS, Reminiscent of the nearby city, Boston.

Radio station WBOS in Boston was absorbed into the VOA network in 1942. It was amalgamated into WRUL in 1945, as part of the "World Radio University". This station finally left the air in mid 1953, when usable equipment was transferred to Scituate.

W4XB

The other station which was absorbed into WRUL was the Florida based W4XB. This station was established at Collins Island, Miami Florida. It was owned and operated by the Isle of Dreams Broadcasting Corporation, and it relayed the MW station WIOD on Saturday evenings only on 6040 KHz.

In 1939, the 5 kW W4XB became WDJM. However in June 1940 when the FCC required all SW broadcasters in the US to radiate a minimum of 50 kW, WDJM relinquished its license and sold the equipment to WRUL for incorporation at Scituate. The WDJM transmitter was used temporarily, under the callsign WRUS.

Thus during the years 1939-1953, parts from the 3 stations, W8XK-WPIT, WLXK-WBOS, and W4XB-WDJM were absorbed into WRUL.

On November 1, 1942, WRUL and WRUM were taken over by OWI for use in what became the VOA network. Two new transmitters of 50 kW each were installed at Scituate under a VOA contract in May 1943, and these were licensed as WRUS and WRUA. There was also an additional 7 kW utility transmitter (later increased to 80 kW) with the call WRUX, which was used for Morse traffic to the VOA base in Algiers. In another callsign reshuffle in 1951, all 5 transmitters at Scituate were re-allocated the general call WRUL, followed by the numbers 1 to 5.

In mid-1953, VOA released several private stations from its network, including WRUL and WBOS. For about 5 years, WBOS and WRUL had been broadcasting 3/4 time for VOA and 1/4 time for "World Radio University". In 1953, when VOA programming was dropped, WRUL increased its individual programming, but WBOS was withdrawn from service.

Seven years later, in early 1960, station WRUL was sold to the Church of Jesus Christ of Latter Day Saints. Soon afterwards, the callsign was changed to WNYW, "Radio New York World-Wide". Programs for WRUL while it was under Mormon control originated in the NY studios of the FM station WRFM. The program format at this time was international in

flavor, and there was little evidence on air that the station was Mormon owned.

A disastrous fire burned out the Scituate radio base on April 9, 1967, and destroyed the 4 VOA transmitters. Plans were announced to relocate the station at Chatham, NJ, which was coincidentally, quite near the original transmitter site for the early WJXL. However, this move did not eventuate. Instead, 4 new transmitters were installed at Scituate. The new transmitter complement included 2 at 100 kW and 2 at 50 kW, made by Gates and Continental.

Once again, Scituate changed hands, and this time it was purchased by Family Radio. The transfer of ownership became effective on October 24, 1974, and on that date, WNYW became WYFR (Your Family Radio). Later the same year, an additional 100 kW transmitter was installed. Programs for WYFR originate in studios located at Oakland, California.

Soon after the Scituate station was procured, a 660 acre property was purchased in Florida. This site is located some 18 miles north of Okeechobee, and is 1000 miles nearer the Latin American target areas. Coincidentally, this is quite near the location for the original W4XB, which was taken over by Scituate in 1940.

The first Continental transmitter of 100 kW was transferred from Scituate in 1977, and it began broadcasting from Okeechobee on November 23. The second 100 kW Continental was transferred from Scituate to Okeechobee early in 1978, and the third transmitter was placed into service at the new location towards the end of 1978. The fourth transmitter was transferred early in 1979. The fifth and final transmitter at Scituate was removed from service at the end of last year (1979). This Scituate transmitter, a Collins 50 kW was last heard on November 17, 1979 in the English service to Africa from 1600-2052.

Thus it was, that the Scituate SW radio station finally closed down, after 50 years of active on air service. This historic base had the double distinction of being the oldest SW broadcaster in the USA; and it was the largest private SW broadcaster in the US.

Scituate is gone. But its equipment does live on, in the new WYFR way down there in Florida.

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TIDBITS

TENSION BOOSTS VALUE OF BROADCASTS TO IRON CURTAIN COUNTRIES: Western radio stations broadcasting to communist countries have doubly benefited from increased tension between East and West: at home people are coming to appreciate more the importance of the broadcasts and in the target countries the thirst for information is growing.

The two American shortwave radio stations in Munich, Radio Free Europe and Radio Liberty, find that after the Soviet invasion of Afghanistan, West German scepticism about their existence and their work has been reduced considerably thanks to a more realistic assessment of detente policy. And the US authorities are more willing to provide the necessary funds. The stations have long wanted to improve broadcasting technique and the quality of reception and it looks as if this wish will be fulfilled; there is even talk of a new transmitter on the east coast of the Mediterranean from which it would be easier to reach the central Asiatic parts of the Soviet Union than from the present transmitter in Spain. Increasing staff numbers at both stations would be equally important but, despite better financial prospects, this is proving difficult - there are just not enough specialists in the 14 non-Russian languages in which Radio Liberty broadcasts to the Soviet Union. The greatest shortage is of experts in the seven languages spoken in the Muslim areas of the Soviet Union. Shortly after the Soviet invasion of Afghanistan, special programme services for the Muslim regions were introduced but had to be scratched again after only a few days due to staff shortages.

The basic principles on which these stations operate has not changed since the Afghanistan and Iran crises. The motto remains: "We report on events, we do not make them." Even if there were to be a further escalation in the situation they would not produce sensational or emotive reports. But the two shortwave stations do have to take into account a greater need for information and a change in mood in the Eastern areas to which they broadcast. The eastern part of central Europe is well informed about the deterioration of the world political situation and Radio Free Europe realizes this.

It is no problem finding out how much the listeners in Poland or Rumania know and what they want further information about. The station simply conducts representative polls among the listeners and acts on the results. At the moment there is a very definite but also a mixed sense of crisis in the smaller East European States: on the one hand they welcome the fact that America has at last decided to meet the challenge firmly; on the other hand the same listeners are worried about losing the advantages that detente brought them. They fear restrictions on travel and contacts with foreigners, they expect that the supply situation at home and governmental pressure will increase. Though many dislike the regimes under which they live, few in East Europe are so passion-

ately determined to resist that they can be indifferent to the definite improvements in their lives in recent years.

Radio Liberty knows far less about the general knowledge, the wishes, opinions and gaps in information of its listeners in the Soviet Union - especially those of the non-Russian nationalities. And they know virtually nothing about any specific changes that have taken place since the Soviet intervention in Afghanistan. Nor do they know if the number of their listeners has increased or dropped. The American news magazine, Time, speculated recently that 100 million people in the Soviet Union listen to foreign broadcasts. This estimate is of little real value because many listeners probably listen to several stations: the Munich stations, the Voice of America, the BBC, the Deutsche Welle, and perhaps also Kol Israel as well as Canadian and Swedish stations. The quality of the reception also differs from region to region, and this, too, has to be taken into account. A Samizdat (underground) publication recently praised Radio Liberty, but added that it can hardly be heard in the big cities. At the moment, it is the only foreign station deliberately jammed by the Soviet authorities. So there is no definite information about the level of increase in listeners, though experience shows that more people listen in times of crisis.

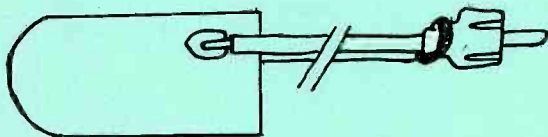
Careful monitoring of official Soviet news broadcasts which play down Afghanistan and say nothing about Soviet army involvements, indicate that there is a great need for information. Sporadic and non-representative polls among listeners have cast interesting light on the way citizens of different regions react to official Soviet news broadcasts: the Russian population is more inclined to believe the Moscow version of events that the Soviet army was called into and amicably received in Afghanistan than the population of the Baltic states, the Ukraine, and Georgia. However, the West knows nothing about the views of the people in the Muslim regions of the Soviet Union. All Radio Liberty can do is to keep on providing information and hope that it satisfies what they believe is a great need. (The German Tribune, May 18, 1980 via Dr. Richard E. Wood).

MAGAZINE ARTICLES: Leslie Byron sent in an article from R. Nederlands current schedule about the effect satellite broadcasting will have on the shortwave scene. Dr. Richard E. Wood sent in an article from South African Panorama, February 1980 entitled "Message Without Bounds." The article is about the history of TWR and its future development. Focus was on TWR's present broadcasts in Africa. Dr. Wood also sent in an article from the La Gazette de la Presse de Langue Francaise, Nov-Dec., 1979, carrying an interview with Jacqueline Baudrier, president of Radio France. Lastly, Popular Electronics recently published several interesting articles. The July 1980 issue carried Glenn Hauser's "DX Listening" column. The column had news about international TV DX, various summer conventions, frequency mismanagement, and the Falkland Islands. The August 1980 issue carried 3 articles in the section called "Focus on Communications." The first reviewed new gear for Hams and SWLs; the second focused on WARC '79; and the third was a study on the sunspot cycle. In addition, there was an article on AM stereo as well as Glenn Hauser's comprehensive listing of programs to be heard on SW.

ADDING REMOTE CONTROL TO PORTABLE CASSETTE RECORDERS: When my 50 cent garage sale cassette recorder finally died (three years wear for half a buck - I guess I got my money's worth), I found myself trying to use my wife's GE portable radio/cassette

5 cm (2 inches)

2.5 cm
(1 inch)



(double sided) to about 2.5 x 5 cm, then rounded one end to about the diameter of the C cells used in the recorder. Soldering a wire to each side of the pc board and connecting the other end of the wire to a RCA plug completed the job.

To use, insert the pc board between any two batteries in the recorder and connect the other end of the wire to the FRG-7000's relay connection. Presto! Instant control.

Instead of the pc board, two pieces of copper or brass separated by a thin piece of cardboard or thin plastic will work just as well. Keep it thin, though, to avoid bending the recorder's battery contacts. (John M. Westbrook)

CRF 1 & ICF-2001: Joe Jacobsen had a chance to test the CRF-1 and the ICF-2001 at a Consumer Electronics Show at McCormack Place in Chicago. Using just telescoping whips, both receivers had good to excellent reception. However, being that he was working, he did not play with them for too long. Joe says that the ICF-2001 does everything but milk cows.

73's, Arthur S. [unclear]

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THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX
 BOARD OF DIRECTORS: John Trautschold-Pres; Bob Bodel-
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 CENTRAL DISTRIBUTION EDITOR..... Peggy Thompson
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