

## DX Target: The Voice of the People of Cambodia

By  
Richard A. D'Angelo.

Southeast Asia provides DXers with a number of interesting DX targets to pursue. This region of the world is constantly embroiled in turmoil with country name changes a regular happening. By tuning in some of these stations we can learn about the people, customs, traditions and politics of this area. One of the more interesting "voices" in this part of the world is The Voice of the People Kampuchea or as it now wishes to be known as The Voice of the People of Cambodia.

About The Country

For many years, this Southeast Asian country was known as Kampuchea. Recently this country began using its former name - Cambodia. Sharing borders with Thailand, Laos and Vietnam this farming nation has a population of under 7 million people. Its relatively flat land, plentiful water and tropical climate are ideal for growing rice. It has few factories and imports most of the manufactured goods it needs. Low mountains border Cambodia, except in the southeast and along the coast. The Mekong River flows south from Laos through Cambodia and enters the South China Sea through Vietnam. The temperature of its capital, Phnom Penh, averages about 85 F (29 C) throughout the year. The rainy season lasts from May to November. The coast receives nearly 200 inches (510 centimeters) of rainfall a year but Phnom Penh gets less than 60 inches (150 centimeters).

About The Station

The home service of The Voice of the People of Cambodia broadcasts only in Cambodian, or Khmer, the official language of the country. The broadcasts on 4,910 kHz are occasionally reported in the DX press. Their broadcast times are 2300 - 0130 UTC, 0600 - 0730 UTC and 1100 - 1530 UTC. The World Radio TV Handbook lists newscasts at 2300, 1100, 1300 and 1415 UTC.

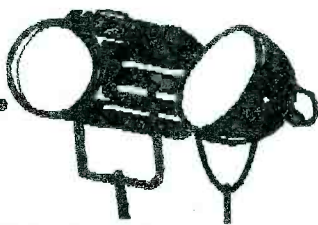
The Overseas Department of The Voice of the People of Cambodia broadcasts in five languages - English, French, Thai, Lao and Vietnamese. The English program covers news, commentary, editorials and special features. The Wednesday broadcast includes the feature "Cambodia Today" and "The Weekly Round-up of Developments Over The Past Seven Days" appears on Saturday. Sunday is reserved for their "Musical Mailbag" program. In this program the station acknowledges listeners' letters from all parts of the world, tell listeners various stories about the country, and answer listener music requests. Naturally, this show features many Cambodian songs and music selections.

(continued on page 4)



Cover: DX TARGET, Richard D'Angelo; 2. SPOTLIGHT ON, John Trautschold; 4. DX MONTAGE, Ed Janusz; 7. WHAT'S ON UPDATE, Daniel Sampson; 8. LATIN NOTEBOOK, Carl Huffaker; 10. TECHNICALLY SPEAKING, Kent Willis; 12. CONTINUOUS TUNING, Bruce MacGibbon; 16. WESTERN HEMISPHERE, Thomas Sable; 20. EUROPE, Daniel Sampson; 24. USSR, Jason Berri; 26. AFRICA, Don Thornton; 30. ASIA/OCEANIA, William Westenhaver; 35. QSL REPORT, Ray Forsgren; 39. UTILITY SCENE, Paul Lannuier

# Spotlight on...



edited by: John Trautschold

354 N. Winston Drive

Palatine, IL 60067-4132 U.S.A.

(with the help of the Altair 8800 & Atari 1040ST computers.....)

**SPEEDX SPOTLIGHTS:**

NOVEMBER 1989

## TOTAL CONTRIBUTORS: 48

1 ALLRED, BRENT	EC ICF2010	4 KARCHESKI, WALTER	MA R5000
4 BERRI, JASON	CA R2000	6 KUNKEL, ROLAN	CA DX440
11 BISHOP, FORREST	NY RF4800	4 LACKMANN, JOHN	VA
2 BLIGHT, WILLIAM	MA FR8800	3 LANGLOIS, HAROLD	FL
4 BRONOWICZ, MICHAEL	NJ DX1000	2 LEADER, PATRICK	IR D2615
5 BROWN III, EDWARD	IL ICF6800W	4 LEVISON, HAROLD	PA IC-R70
1 CALLIGAN, MICHAEL	CA ICF2010	8 MILLER, WILLIAM	CA DX400
9 CARD, PETER	RI NRD515	2 MUZYKA, WILLIAM	NY RF4800
9 CARSON, JOHN	OK SPR4	2 O'CONNOR, PATRICK	NH IC-R71A
13 CICHOREK, EDWARD	NJ FR8800	1 QUAGLIERI, AL	NY EC95B/3
6 D'ANGELO, RICHARD	PA NC190	6 REEVES, ROBBIE	OR ICF2010
5 DILLON, PETER	BR DX400	1 ROBINSON, BETSY	TN IC-R71A
2 ECKERT, JOHN	PA R5000	1 ROGERS, JOHN	MA SPR4
1 EVANS, JAMES	TN IC-R71A	4 RUSSELL, RICHARD	AL IC-R71A
4 FAMILIARD, RALPH	JP ICF6000A	1 SAARIKKO, LARRY	NY
2 FLYNN, BILL	CA R2000	6 STROH, EDWARD	IL
1 FORSGREN, RAY	WI FRG7700	5 TADASI, TAKAHASI	JP CFR-1
9 FRASER, BOB	BR DXCR30	2 THOMPSON, PEGGY	CA FRG7
6 GEARS, GARY	IL R5000	3 THORNTON, DON	NJ
5 GEORGE, STEVE	MA R2000	2 WEBER, DONALD	OH R2000
2 GERSTNER, JOHN	FL DX1000	3 WESTENHAVER, WILLIAM	GU ICF6500W
1 HONIOTES, JOHN	IL	5 WILLERS, STEVEN	SW
1 JOHNSON, DAVID	ID FRG7700	2 WOERING, HAROLD	MA R1000
9 JONES, DAVID	TN FRG8800	3 WRIGHT, PHILIP	NF DX400

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:

CT / A/D

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:

AFRICA (SEPT&OCT) / CDE MATERIAL

## NEW FULL MEMBERS FOR NOVEMBER ARE:

MICHAEL BRONOWICZ.....NJ  
STEVEN WILLERS.....SWITZERLAND

## AND FIRST TIME CONTRIBUTORS INCLUDE THE FOLLOWING:

JOHN HONIOTES.....IL  
WALTER KARCHESKI, JR.....MA  
ROBBIE REEVES.....OR

## H. KENDIG EATON, FORMER ME

For those of you that go back a few years, you may remember one of our Managing Editors, Ken Eaton, who served while I was publisher. It was recently brought to my attention by another former ME, Larry Talbot, that Ken passed on back in October. Ken still resided in Milwaukee, WI. Ken was a good friend to SPEEDX and an excellent ME, bringing with him years of experience as editor and publisher of the Milwaukee *Shriners* newspaper.

## FORMER PUBLISHER HAS A BABY!

Well, actually it was the publishers wife that had the baby, but our congratulations anyway to Tom and Doreen Kephart. Erin Rebecca Kephart was born 9/15/89 and checked in at 8 lbs 7 ozs and 20 3/4 inches at 1:03 am. This kid is obviously a born DXer. What better time to arrive than during the peak early

Welcome to the SPEEDX family. Remember, to earn full member status you must, within a 12-month period, earn 10 credits. Those can be earned by sending in loggings (1 credit per column per month...not 1 credit per log), donating to the *Friends of SPEEDX* or working in some capacity as staff. Also, remember we only cater to shortwave and utility broadcasts, not medium wave.

morning DX period!

## PROJECT ELF NOW ON LINE

Although more along the lines of *LW* rather than *SW* reception, the Navy's \$400-million project to communicate with submarines while submerged is finally operational after more than a quarter of a century of planning, protests and revisions.

"ELF, which stands for extremely low frequency transmission, has been tested for two years at K.I. Sawyer Air Force Base near (Marquette, MI). Full-power testing began in May.

"Ten years ago, ELF was envisioned as an underground grid of about 2,000 square miles designed to survive an enemy bomb.

"The Navy later said even such a grid would be unlikely to survive a nuclear attack. Today's unit resembles a utility power line."

Now that it is on line, it's been given a new name, Naval Communications Unit, Marquette. There is a similar facility in Clam Lake, WI.

(The preceding from the *Chicago Tribune*, Sept. 8, 1989)

## VOA TAKES CARE OF CATCH-22

From member John Carson of Norman, OK, comes the following. It's from the *Norman Transcript*, Oct. 2, 1989)

WASHINGTON (AP) - The Voice of America says it's taken care of a Catch-22 situation in which its broadcasts to Angola were disturbed by a radio station run by U.S.-backed rebels.

But Rep. Mervyn Dymally, D-Calif., says he wants to know exactly what happened this summer when "The Voice of Resistance of the Black

Cockerei," a station experts say was set up by the CIA, interrupted Portuguese-language broadcasts by the VOA, the U.S.-government-supported station that serves overseas listeners.

Dymally, chairman of the House subcommittee on international operations, said last week he'll raise the issue in panel hearings this year. "I wrote a letter of protest about it," he said.

"The need is great for the VOA to have at this time unhindered and unhampered access to its consumers in Southern Africa," Dymally said.

## HAVANA MOON'S LOS NUMEROS ONLINE

Moon Beam Press and Havana Moon are pleased to announce their new computer service, HMLNO. According to their press release, "Los Numeros Online" will be "a unique and exciting magazine format 'online computer service' devoted entirely to the SWL, scanner monitor, and other radio related hobbies. Topics and features include: Gerry Dexter's CLANDESTINE CONFIDENTIAL, Tiare Publications GREAT RADIO READS, Antique Radios, Harry Helm's UMBRA et LUX and dozens of unique SWL features.

"HMLNO" is not just another BBS! "HMLNO" is available on a major online computer service and reaches over 30 countries! The price is one that everyone can afford."

For more information send a large SASE to Havana Moon, 117 W. Harrison Bldg., 6th Floor, Suite H-319, Chicago, IL 60605.

If any members decide to check this service out, please let us know so that we publish your findings. Thanks!

John

**WANTED:** Am looking for the following issues of *SPREX*: ANY pre-1972 (Vol. 1); 1972 issues 7 & 12; 1973 issues 4-9; 1974 issues 2 & 5-12; 1975 all; 1979 issues 1, 2, 6, 8, 9, 11 & 12; 1980 issues 1-6, 8, 9, 11 & 12; 1981 issues 1-6, 8, 10 & 11; 1982 issues 1, 2 & 5; 1983 issue 2. Am willing to pay reasonable amounts. Al Quagliari, P.O. Box 888, Albany, NY 12201-0888

**FREE:** VHF-UHF DIGEST: 17 issues from 7/86-3/89. SOUTH AFRICAN SHORTWAVE LISTENER: 5 issues from 1988. 1988 FM ATLAS (11th edition, Elving). CONFIDENTIAL FREQUENCY LIST (7th edition). NATIONAL RADIO CLUB AM RADIO LOG (8th edition + 5 updates). RADIO LUXEMBOURG: THE STATION OF THE STARS by Richard Nichols. BROADCASTING IN AMERICA by Sydney W. Head (1956). SOFTWARE FOR AMATEUR RADIO by Joe Kasaer, G3ZCZ (1984). GRANTHAM ELECTRONICS SERIES (5-book self-taught electronics course, circa 1966). Please, only one freebie per person...list two alternates. You pay postage. First come, first served, mail only: Al Quagliari, P.O. Box 888, Albany, NY 12201-0888.

**FOR SALE:** NRD-525 with matching NVA-88 speaker, CMH-532 computer interface and cables. Datscom software to control 525 via computer, all cables, manuals and boxes. Absolutely mint condition. \$1000 + shipping.

M7000 with FAX and Real Time options, monitor, cables, manuals and box. All in mint condition. \$950 + shipping.

NRD-515 with x10 knobpot, matching NVA-515 speaker and NDH-518 96 channel memory unit, boxes and manuals. Excellent condition. \$900 + shipping. Gerald Ano, 4512 Hickory Grove Drive, Acworth, GA 30101. 404-426-7764

**WANTED:** A good IBM Compatible SWBC logging program. I'd like to integrate utility, MW, SWBC and HAM loggings all in one. Write to William R. Via, 1870 Marshall Road, Baltimore, MD 21222.

**WANTED:** Correspondence with DXers/SWLs in the Far East (i.e. Japan, Philippines, Korea, Taiwan, Guam, etc.) Please contact Mike Hardester who is currently stationed there. HM1 M.S. Hardester, USN, HQCO, HQBN - BAS, 3rd MARDIV - FMF, FPO San Francisco, CA 96602-8602 USA.

**FOR SALE:** 1) Icom R71A with filter mod, has pass band tuning. \$650. 2) FRG-7 with 2.9 Collins filter, digital readout. Have two sets. \$250 each. 3) Drake R4A with outboard xtals, good condition. \$200. 4) Info-Tech M-600 multi-mode code receiver with monitor. \$400. 5) Advanced Electronic mba-ro code reader. \$100. All items in like new condition, with manuals. I will ship UPS. Send inquiries to: Ralph Sanserino, 11300 Magnolia #43, Riverdale, CA 92505.

**FOR SALE:** Bearcat 210XL...missing antenna, prefer \$60...call 301-477-0239. William Blight, P.O. 6527, Baltimore, MD 21219-0527.

The Overseas Service broadcasts at 0000 - 0115 UTC and at 1200 - 1315 UTC. These 1 1/4 hour broadcasts consist of five language blocks of fifteen minutes each of English, French, Thai, Lao and Vietnamese programming, respectively. Both broadcasts use the frequencies 1,360 kHz, 9,695 kHz and 11,940 kHz. The latter frequency is generally reported as actually being on 11,938 kHz.

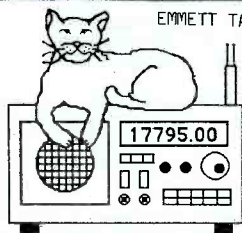
Getting mail to and from Cambodia is a bit difficult. Letters addressed "Via Hanoi" have successfully negotiated the trip to Cambodia. Letters that make it to the station are verified with a very friendly letter, a pennant, program schedule and some souvenir mint stamps. Responses usually take atleast a year so patience is important with this DX Target. The station does not require return postage for a response. Address reception reports to:

The English Section  
Overseas Service  
Radio The Voice of the People of Cambodia  
Phnom Penh  
Cambodia

This DX Target requires more luck than most because hearing them is only half the battle. It's just as difficult to get mail through to the station. However, it is definitely worth the effort.

Remember to send your logs of this station to Bill Westenhaber for inclusion in his Asia/Oceania log column and those rare Cambodian QSL's to Ray Forsgren for the QSL Report.

Good luck with this DX Target!



EMMETT TALKS AGAIN!

# DX Montage

HE SAYS, "SEE YOU AT  
SWL WINTERFEST #3,  
FEB. 17-19!"

Ed Janusz  
Box 149

Bricktown, NJ 08723

Thanks, Rich. Those of you who have never heard any traditional Cambodian music, and who are inspired to go out and snag this station, are in for a serious treat. Now for some club nooz, courtesy of our esteemed Prez, Peggy Thompson...

### BOD ELECTION RESULTS

50 of 109 eligible members voted in our election. The results are as follows:

William Blight	12
Rich D'Angelo	39
Gary Froemming	15
Ed Janusz	51
Rich Lemke	6
Bill Westenhaber	49
Kent Willis	9

Your new Board of Directors, effective Jan. 1, 1990, is:

Ed Janusz	4 years
Bill Westenhaber	4 years
Rich D'Angelo	2 years
Carl Huffaker	2 years
Peggy Thompson	2 years

Thanks to all who took the time to vote! And a big congratulations to the winners!

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SPEAKING OF BODS.....

Over the past few months your BOD has been busy at work on things to make SPEEDX an even better club for its members. Here are just some of the things we've been up to.

**IMPROVEMENTS:** you all have noticed the format changes, but there is something you haven't seen. We have formed the Editorial Committee to make things easier for the editors and ease some of the burden usually carried by the ME. It's a 5-member group consisting of the ME, Publisher, BOD rep, and 2 editors. They will review editorial policy, set guidelines for the bulletin and be responsible for its format. The current members are Woody Seymour, Ed Janusz, Rich D'Angelo, Daniel Sampson, and Paul Lannuier. Feel free to contact any of them with your suggestions.

As you are well aware, the AWARDS PROGRAM is back. And if you aren't aware, contact Harold Woering and find out about it: 48 Campbell Dr., Easthampton, MA 01027-2724.

**FINANCIAL:** to help keep our budget stable we have reevaluated our list of freebie/exchange bulletins and deleted those not of value to us. Staffers also agreed to pay half price for their subscriptions instead of the customary free sub in exchange for services. Friends of SPEEDX was also instituted as a donations program for those who would like to do something extra for the club. Donations may be sent to HQS.

**PUBLICITY:** we're trying to keep a high profile by being visible at events besides ANARCON, i.e. the SWL Winter Fest, Hamventions, GTGs, etc. If you have a radio related event in your area, consider representing us. Get in touch with Bob Thunberg at HQS if you are interested.

**MOTIONS:** for the sake of space, these will be paraphrased.

130-1 drop the Full Member For Life liaison. Passed 5-0

132-1 promote open DX contests in our bulletin. Passed 5-0

133-1 forming of Editorial Committee. Passed 5-0

134-1 appointment of Ed Cichorek as SPEEDX rep at ANARCON 89. Passed 5-0

135-1 infringement of current editorial policy. Passed 4-1

136-1 results of 135-1. Failed 4-1

**DISCUSSIONS:** merger and inter-club cooperation. Any mergers for now are out; interclub coop is in. A free flow of hobby information and support of others in the hobby are encouraged and motion 132-1 is in part due to the continuing exchange of ideas on how we can help one another and still maintain a club identity.

**REMEMBER:** this is YOUR club, so please don't neglect the privileges of sharing your ideas, suggestions or constructive criticisms with us. We are elected on your behalf, but can only serve you inasmuch as you take the time to communicate with us.

*Ed Janusz*

president

#### SPEEDXers IN THE NEWS...

The Hartford Courant (didja know that this is America's oldest newspaper in terms of continuous publication? I didn't either, until I heard about on All Things Considered) recently did a feature story on Andy Gordon, who, besides being a well-known DXer (c. f. "DXing the U. S. Navy," in the 7/89 issue), also has one of New England's largest collections of autographs from baseball stars past and present, including Fred Lindstrom, Cool Papa Bell, Ray Dandridge, and Robin Roberts. (Too bad about the Yankees this year, eh, Andy...?) DXing was not mentioned, though people may have wondered about the USS EDSON shirt he was wearing in the accompanying photograph...

Fred Frescher finished 18th overall, and first amongst Americans, in the DSWCI "Grand Tour with Cancer and Capricorn" contest--nice work, Fred!--along with getting his 4th degree in the Freemasons.

Ed Cichorek was the subject of a well-meaning article in the Home News (New Brunswick, NJ) which explained how radio monitors were able to follow the deadly course of Hurricane Hugo via shortwave, and help the general public by passing on local news and ham radio transmissions (in this case, to New Jersey's significant Puerto Rican and Caribbean population). Despite a few errors in terminology (and, don't forget, DX is loaded with obscure jargon which further occludes a hobby which languishes in obscurity as it is), I thought it was a good article. (This has been an awful season for natural disasters; Puerto Rico is still digging out in the wake of Hugo, and, I'm afraid, will be for some time yet).

INTRODUCING...Michelle Patricia Drollinger, who arrived on August 19, at 5:14 PM (CDT?), 8 lbs. 9 1/2 oz. Congrats to Kris and Rick (our former Managing Editor)! For more babies, see p. 2.

SPEEDX in general got a boost from the Orlando Sentinel's coverage of ANARCON '89; we were recommended as a source of shortwave schedules... and, in what proved to be a highly popular move, "free sample copies!" (Fiiiiine business, if some of 'em joined!)

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## Jewish Holidays

Hanukka (1st day)	_____	23.12
Hanukka (2nd day)	_____	30.12
<b>1990</b>		
Tu Bichvat	_____	10.2
Purim	_____	11.3
Pessah (1st day)	_____	10.4
Pessah (2nd day)	_____	11.4
Pessah (7e day)	_____	16.4
Pessah (8e day)	_____	17.4
Yom Haatzmaut	_____	30.4
Lag Ba'Omer	_____	13.5
Chavuot (1st day)	_____	30.5
Chavuot (2nd day)	_____	31.5
Ticha Be-Av	_____	31.7
Rosh Hashana 5751 (1st day)	_____	20.9
Rosh Hashana 5751 (2nd day)	_____	29.9
Sukkoth (1st day)	_____	4.10
Sukkoth (2nd day)	_____	5.10
Chmeini Atsereth	_____	10.10
Simhat Thora	_____	11.10
Hanukka (1st day)	_____	13.12
Hanukka (2nd day)	_____	14.12

**1989** If you haven't been able to find DX PARTY LINE on HCJB lately, try Mondays. The Saturday edition has been cut; at least temporarily, because host Brent Allred has been promoted to English-language director for the station. A lot of us will miss the programme, but I'm sure that Brent will do a great job in his important new task.



<<< You might want to check out Kol Israel on these dates (or the evenings before) for special programmes which range from the fun (Purim) to the profoundly serious (Yom Kippur).

What's with all the cut-and-paste? Well, my typewriter (that's something which Cro-Magnons used before the discovery of the personal computer) is seriously hurting...I just hope I can

get through this column before it goes completely. Cut-and-paste is kinda fun, too...it brings me back to my childhood, I guess, assuming I ever left.

## PUBLICATIONS

Bernd Friedewald is announcing that the new International Listening Guide is almost ready, after a delay caused by transferring the information onto a new computer program. To those of you who have heard that this is an excellent publication, you heard right; but I must warn you, the publishing schedule is a joke, and I can't recommend anybody's investing in it until he's shown that he can get it out reasonably on time. The last one I saw--I don't even remember when that was, January or something--was sent to North America via surface mail, and arrived the day before its coverage period ended. Sorry to be so negative, but that's how it is.

More about PROCEEDINGS 1989: I especially enjoyed Don Moore's defense of the joys of DXing Brasil--I didn't have a chance to comment on this and the other "special features" last month, but do want to say that, like the 1988 volume, this one has some beautiful writing.

Now, Fine Tuning is back with their 1989 Survey of SWBC Activity in Indonesia. It's 13 pages, and, with the help of Australia's OZDX, contains the most extensive, accurate list of Indonesian SW activity available to the DXing community anywhere. That's what the press release says, friends, but I believe it, having seen some of FT's earlier Indopubs. It's \$4.00 (+\$1 in North America, +\$4 elsewhere).

Its sister publication is the DXer's Handbook...Indonesia, written by John Bryant, and containing: Historical and cultural background on the nation; five different DXers' maps (!); and a complete kit for making your own prepared QSL cards, as well as geographical reference charts and some general DX information (sunrise/sunset charts and the like). This one is \$6.00 (+\$1.00 in North America, +\$6 elsewhere).

For some interesting Latin American references and publications, see our Western Hemisphere column, where Tom Sable checks out some new entries.

## THANKS...

for choosing me to serve on the Board of Directors. Due to the retirement of outgoing Director John Trautschold (I was going to make some tasteless remarks about the youngbloods and the geezers, but I found out that John's only about a month older than I am, so I won't), there was one non-incumbent seat; I frankly don't feel like I was any more qualified than the fine field of candidates that didn't make it this time--active SPEEDXers all, and certainly names you'll be hearing more from as we continue to grow and prosper into the 90's.

Al's last column didn't get here in time, so I'll reproduce the last ¶:

## GOODBYE...

Well boys and girls, it's been four years to the day since I took over this column. Beginning in October, my efforts will be redirected towards the reactivation of the moribund SPEEDX REPORT, which will again air on HCJB's DX PARTYLINE program. Words cannot adequately thank those of you who supported my tenure with your informative contributions. I hope my editing and uncalled-for asides have brought a light touch to a hobby that I think many take a little too seriously. It's been a helluva lot of fun.

## the dxm CONTEST

73, Al

Last month's contest winners were Steve McNeil (Massachusetts); Robbie Reeves (Oregon); and Don Weber (Ohio). I'll be getting your prizes out as soon as I'm done with this issue. Our Canadian winner was some guy named Westenhaber, who must be a new member or something. Oh yeah--the correct answers were: 1. c; 2. d; 3. e; 4. a; 5. b. My, I did a good job mixing them up, eh?

CONTEST #2: I want the stations which have broadcast on the 26 MHz (11 meter) band during the 1980's. The most complete lists (3 from the USA, 1 from Canada, and 1 from elsewhere) will win! And what will they win? How about a Deutsche Welle pennant, a few of which were supplied by our CDE, David Jones, who has been a registered monitor for DW for many years? Sounds good, huh? Deadline is December 30; references will be SPEEDX, Jan 80 to the present, and the WRTH, 1980 to the present. No pirates or harmonics, puh-leeze.

73's, Eddie



## WHAT'S ON UPDATE

ENGLISH BROADCAST TO NORTH AMERICA



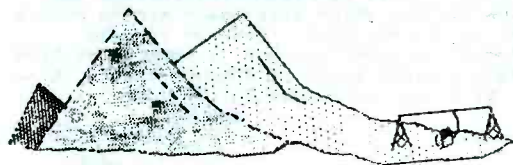
Daniel Sampson P. O. Box 31 Independence, WI 54747-0031

CHANGES ENTERED Sep 14-Oct 16, 1989

UTC Time	Station	Notes	Frequencies
0000-0030	kol Israel	---	11605; 9435; 9385
0000-0130	R. Canada Int'l	Tu-Sa	9755; 5960
0000-0200	R. Canada Int'l	Su-M	9755; 5960
0100-0130	kol Israel	---	11605; 9435; 9385
0100-0145	R. Yugoslavia	---	11735; 6005; 5980
0100-0150	DW, F.R.G.	---	11865; 9735; 9565Ma; 6145; 6085Ma; 6040An
0130-0200	R. Austria Int'l	---	13730; 9875; 9870
0200-0230	kol Israel	---	11605; 9435; 9385
0200-0300	R. RSA, S. Afr.	---	11935; 9615; 9580
0200-0300	VOFC, Taiwan	---	15345; 9680W; 5950W
0300-0350	DW, F.R.G.	---	11810Ma; 9605An; 9545; 6130; 6085S
0300-0400	R. Japan	Gen svce	5960S
0300-0400	VOFC, Taiwan	---	15345; 9680W; 5950W
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Oct 31, Nov 3, Nov 28, Dec 1, Jan 2, Jan 5, Jan 30, Feb 2
0500-0515	kol Israel	---	17575; 11605
0500-0550	DW, F.R.G.	---	9700; 9670An; 6120; 5960
0500-0600	REE, Spain	---	9630
0700-0800	VOFC, Taiwan	---	5950W
1100-1130	kol Israel	---	21780
1300-1330	R. Yugoslavia	---	15325; 15165; 11735
1300-1400	R. Canada Int'l	M-F	17820; 11855; 9635
1330-1355	BRT, Belgium	M-Sa	21810
1400-1700	R. Canada Int'l	Su	11955
1600-1630	R. Norway Int'l	Su	21705; 17840
1700-1730	R. Norway Int'l	Su	15305
1930-2000	R. Yugoslavia	---	11735; 7125; 5980
2000-2030	kol Israel	---	15640; 9855
2200-2245	R. Yugoslavia	---	9660; 9620; 7215
2230-2300	kol Israel	---	11605; 9385
2300-2330	R. Norway Int'l	Su	9605
2300-2330	R. Vilnius, U.S.S.R.	---	17690; 17665; 15180; 11675; 9610

RELAYS--An-Antigua, B-Bonaire, Br-Brazil, Bu-Bulgaria, By-Bethany, Cu-Havana, F-Singapore, Gu-French Guiana, Ma-Malta, Mi-Mali, S-Sackville, Sp-Spain, Wy-WYFR

# Latin Notebook



Carl Huffaker  
Domicilio Conocido  
Huasca De Ocampo  
Estado De Hidalgo  
Mexico

During the last days of September, Huayacocotla hosted the "First International Forum On Human Rights Of The Indegenous Peoples". It was a success, for the next Saturday, "Campasino News", (00:00 UTC Sundays), carried a full report.

I've never met the YL announcer on that program, but suspect that she's a school teacher, primary grades, for she has that characteristic of talking down smothered with enthusiasm and a logic, perhaps a bit scatter-brained to my professorial generation, but utterly charming and feminine. The immediate aim of the movement, "for the present" she said, was preparation for the massive Indian demonstration in 1992 to celebrate 500 years of "resistance" against the European invasion of America. Just a year and a month after his death, Archbishop Proaño's impossible dream was moving again. Showing more courage, and certainly less caution than I would, Concepcion listed the cooperating organizations throughout the Mexican Republic with a background commentary or two on each. It approached that territory "where angels fear landmines", so I determined to visit the studio during the next broadcast.

Thursday, my determination was increased by a brief news item on the radio from Veracruz, the Department of Anthropology (a federal agency that contains the equivalent of our Department of Indian Affairs) had labeled the leaders of the movement as "irresponsible". Friday, Radio Huaya was off the air. I left early the next morning.

It was quiet when I arrived. A few soldiers loafed in front of the garrison, others were in the street repairing their cars, but most were at the edge of town playing soccer. The plaza, despite its growth, Huayacocotla still maintains the village characteristic where the plaza is an expanded street, was neither full nor vacant, a normal Saturday morning. There was a Mass in the church, a wedding, so I wandered in. The priest, dark and with the sculptured face of an Indian performed the ritual well, then added a few announcements on the demonstrations for peace during the coming month. As always, there among the Indians, some barefooted but none the less magnificent in their colorful dress, and among the very young children wandering about oblivious of the importance of the occasion, I began to feel that I had arrived in rural Mexico.

I had a solitary lunch, doubly enjoyable because I ignored the dietary restrictions that the recent years have forced on me, and over my second cup of coffee, looked at the little park in front of the cafe. The little is literal, it's somewhat less than 10 by 15 meters and contains a single monument, a lifesize painted statue of "The Mother". According to the plaque, it's a 1958 reconstruction of the original monument erected in the 1880's. It's Malinche nursing her first son by Cortes, the symbol of Mexico's identity and pride in its mixed blood.

This pride in racial roots will also climax in 1992 for Mexico has long celebrated Columbus Day as The Day Of The Race and the discovery of America has come to symbolize that mixture. The term "campasino" which so many reporters use loosely refers to three distinct groups, the Indian campasino, the mixed-blood campasino, and the campasino essentially of



European stock. The activists in each group attempt to increase their association through a common term, but they remain distinct groups and apart, but joining momentarily whenever the slogan seems appropriate.

It was almost broadcast time, so I walked down to the station. I'd left the car parked in front, they'd seen me in church, and were expecting me. It was the manager and four campesinos waiting. When I asked what had happened, they explained. In repairing storm damage, the power company (Federal) had wired double voltage into the building. The transmitter blew, the regulators were a fused mass, and they hadn't even opened up the covers to see what more damage existed. It was a gloomy scene there in the transmitter room, but the single remaining lightbulb had the brilliance of a photoflood. It was one of those awkward moments like a funeral when you never know quite what to say.

We walked to the hall. He patted a large packing case "But this has just arrived and we're waiting for the engineer to come up from Tulancingo so we can open it up and start installation." It was a new transmitter, a Bauer, and a full kilowatt. There was, too and already unpacked, a new consol, an elaborate job with 8 channels. I tried to find out their source, but learned nothing more that they'd been "a gift".

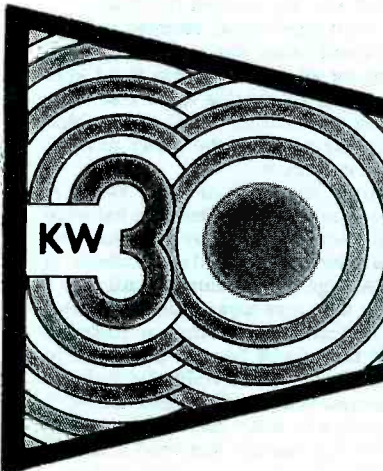
So Radio Huayacocotla is off the air. They'll be back in "we hope, a month" which would make it the middle of November, but allow for Mexican time. They'll feed the same vertical antenna which has proven its efficiency with the old transmitter. There'll be test broadcasts, odd hours at night, and probably at 1 kw which they haven't "yet" received permission to use.

Until then, La Voz de Atlitlan will be in the clear during their local sunset and that window of enhanced propagation should reach far to the north.

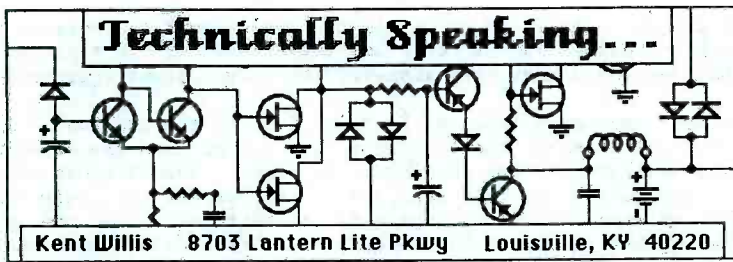
It was a long drive back, and slow through the fog, doubly slow as parts of the road had been washed out and were still under repair. It was, I knew coincidence, yet there remained a doubt, the sort of thing that makes the modern cloak and dagger novel. I couldn't let it go with simply .....

Radio Huayacocotla, 2390 kHz, temporarily off the air due to transmitter problems.

73 *Carl*



DOBLE POTENCIA  
para la gran sintonía de  
RADIO  
**SANTA FE**  
HJCG- Onda Larga 1.070 Kcs.  
HJAE- Onda Corta 4.965 Kcs.  
BOGOTA-Colombia



Interpreting Receiver Specifications; What They Mean and What They Don't.  
Part 2; Selectivity

The selectivity of a receiver is simply a measure of the ability of a receiver to reject interference from adjacent channels (nearby frequencies) while tuned to a particular station. Most of us are painfully aware of what poor selectivity means when trying to monitor a weak signal a few kHz away from some powerhouse like Deutsche Welle or WYFR! Even top-of-the line communications receivers have difficulty recovering audio from weak signals 5 kHz or less away from superpower stations. Most table-top receivers which have a narrow/wide filter selection option can effectively separate two signals that are only 5 kHz apart when the signals have comparable magnitudes. Insufficient selectivity is only really apparent when trying to listen to a very weak DX signal through heavy "splatter", or interference from a very strong signal 5-10 kHz (or more) above or below the desired signal.

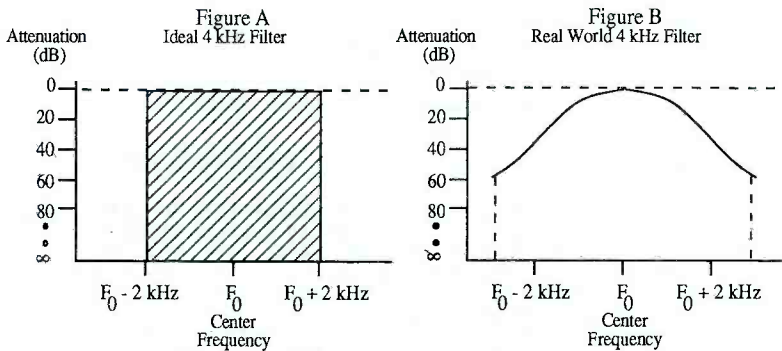
Different degrees of selectivity are required for different listening situations. High fidelity recovery of music requires a much greater bandwidth (about 6 to 10 kHz) than recovery of intelligible speech. Speech can be effectively reproduced with less than a 3 kHz bandwidth. Considerably less bandwidth is required (and is more appropriate) for recovery of CW (Morse code) signals. 1/2 kHz (500 Hz) is certainly sufficient for CW.

Many DX/SWL'ers listen to several types of signals and therefore require several different degrees of selectivity. If your only interest is English language news and music from international broadcasters, you do not really need (or want to pay for) "high selectivity". Chasing weak DX signals in the 49 MB like Sierra Leone on 5980 kHz at 0700 UTC will demand close to state-of-the art selectivity because of 500 kW transmitters 5 kHz above and below 5980 kHz!

There are two important concepts which we need to discuss: bandwidth and selectivity curve shape factors. Bandwidth, as given in most manufacturers advertising refers to the width of the signal permitted to pass through a receiver's filters in the IF (intermediate frequency) stages. Of course the signal has already passed through the input stages (RF amplifier and mixer) and been "filtered" to some extent, but the width of the filters in the IF stage determine the overall (and "ultimate" selectivity, which we will explain later) adjacent channel rejection.

Ideally, a perfect 4 kHz filter would pass only the desired signal, centered at some frequency and exactly 2 kHz of bandwidth above and below this center frequency. The attenuation would be zero (no attenuation) for all signals within the 4 kHz "slice" and infinite (completely attenuated) for all signals outside the 4 kHz slice. Such filters exist only in theory. It is impossible to construct a real filter which would have such a response. For a particular practical filter, the closer to ideal response, the better. And unfortunately, the more expensive.

Two comparative illustrations will help explain the important concepts. Figure A represents an ideal filter and figure B represents a "real world" filter. The left edge (y-axis) of the graph is labeled "attenuation in decibels" followed by a vertical row of positive multiples of 20 dB. Some graphs may have negative numbers in increments of perhaps 10 db for convenience. A negative dB number indicates a loss. The magnitude of the signal decreases as we move away from the center frequency. The very bottom of the left edge indicates infinite loss or complete attenuation of the signal. The bottom edge of the graphs (x-axis) is labeled in frequency and only demarcates a few important frequencies for simplicity. If we were considering a 6 kHz filter, we would be interested in the filter behavior +/- 3 kHz from the center frequency. The center frequency in many receivers is usually 455 kHz. Other receivers have different IF center frequencies. Kenwood receivers typically have a last IF center frequency of 8830 kHz for reasons we'll discuss later.



There are several obvious differences between the two graphs. Note the "square box" curve of the perfect filter. The slope of the vertical sides is obviously infinite. (Remember slope = rise/run from algebra?). This indicates constant infinite attenuation of a signal outside the 4 kHz passband. The top of the ideal "box" is perfectly flat, indicating a slope of zero. This indicates constant (in this case zero) attenuation within the 4 kHz "passband" of the ideal filter. In figure B, we see our real filter doesn't have any where near infinite attenuation outside the passband. It also doesn't have constant (zero) attenuation within the passband. Here is where the concept of "shape factor" comes in. The shape factor, which is defined as the inverse ratio of the bandwidth at the frequency where the signal is attenuated by 6 dB to the bandwidth at some other specified attenuation, usually 60 dB, is a figure of merit for comparing filter selectivity. In figure A, we see our perfect filter has a bandwidth of 4 kHz at 6 dB attenuation. It also has a 4 kHz bandwidth at 60 dB attenuation. The ratio of these two bandwidths is therefore 1.0, which is the shape factor for any "perfect" filter. In figure B, the bandwidth at 6 dB attenuation is about 2 kHz. The bandwidth at 60 dB attenuation is about 6 kHz. The ratio is therefore  $6\text{kHz}/2\text{kHz} = 3.0$ . This would be a fair quality filter; easily attainable with modern technology. The closer the shape factor is to 1.0, the better.

Unfortunately, many advertisers don't give us enough information to determine the overall shape factor of their IF filter scheme. They usually give us the filter bandwidth at 6dB attenuation, but unless they also tell us the bandwidth at 60 dB or so, they tell us nothing! Some manufacturers provide the IF bandwidth at perhaps 50 dB or something even less, usually because the filter's performance is "nothing to brag about" at 60 dB attenuation! If they do give you a bandwidth at 60 and 6 dB attenuation, calculate the ratio. A ratio of less than 2.0 is excellent. 2.0 to about 3.0 would be very good. Greater than 4.0 would be poor and not suitable for serious DXing.

Shape factor is important, but the receiver's "absolute" or "ultimate rejection" is also critical. The ultimate rejection is a measure of maximum capability of rejection of unwanted interference that the receiver is capable of. As you tune further and further away from a strong signal, you reach a point where no more attenuation of that signal is obtained. The magnitude of the ultimate rejection will determine whether or not you will be able to receive a weak signal nearby a powerhouse without noticeable interference. Current state-of-the-art ultimate rejection is about 90 dB. 70 to 80 dB would be very good. Less than 50 dB would not be suitable for a "serious" DXing application. In our example of Sierra Leone on 5980 kHz, suppose the strength of a "bone-crushing" signal on 5975 kHz (or 5985) kHz is about 100 dB above the receiver noise floor. If we are going to hear Sierra Leone sneaking in at a paltry 20 dB above the receiver noise, the receiver must be capable of at least  $100 - 20 = 80$  dB absolute rejection. The less the ultimate rejection, the less likely we will be able to hear Sierra Leone without interference. There is one solution to this problem: tune to 3316 kHz and listen to their new (or reactivated) transmitter putting in a very nice signal in EE and some vernaculars at 0600. I have heard them recently with an inexpensive portable and built-in whip antenna!

# CONTINUOUS TUNING

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2295 N. E. Juniper Ave.  
Gresham, OR 97030 USA*

NOVEMBER 1989

Deadline is the 12th of the month

ALASKA - KNLS Sked effective from 11/5-3/25: 05-06 9785 RR Central USSR; 06-07 7405 RR Eastern USSR; 07-08 9785 RR Eastern USSR; 08-09 7365 EE Eastern PRC; 09-10 9785 RR Eastern USSR; 10-11 7365 JJ Japan; 11-12 7365 Mandarin Eastern PRC; 12-13 6095 RR Eastern USSR; 13-14 7355 JJ Japan; 14-15 9785 Mandarin Central PRC; 15-16\* 7355 EE Asian Pacific Coast; 16-17 9815 EE Central PRC, Eastern USSR; 17-18 7355 RR Eastern USSR; 18-19 7355 EE Asian Pacific Coast; 19-20 11700 RR Eastern USSR; 20-21 11700 JJ Japan; 21-22 11700 Mandarin Eastern PRC. \* = Each Monday, Cebuano, Ilocano, Cantonese, for 15 minutes each (replaces EE) (Yukimasa Matsushita) Note: My sked shows this as tentative sked. (bmm)

ANDAMAN ISLANDS - 4760, 1200, AIR, Port Blair. Time signal, Indian Folk music, Delhi news at 1230 in English. Fair level on 9/17 (Leigh Morris, Adelaide, SA); Good level w/occasional fading on 9/17. Presume Hindi talks then time tones, full ID in EE and AIR EE news at 1530. EE commentary about FRG at 1545. (Craig Edwards, Adelaide, SA). (Both via 'OZ DX' Edition No. 49, October 89) See India.

AUSTRALIA - RA is currently running a test transmission daily on 21525 from Darwin 250kW from 13-14. Target area for the test is India-Pakistan region. They want alot of reports on this test transmission. (John Carson, OK)

CHINA - Updating announcers on Radio Beijing: Li Dan - Introducing "Current Affairs" on 10/10 but not on 10/17. Wei Hua - World News from 10/1-10/4 & Music Album on 10/9 ex Xiao Shan (bmm); Morris Mathews - Business Show (fortnightly) on 10/14. (bmm)

Preferred spelling of Chinese Names: According to my friend from Mongolia, Pinyin spelling is preferred spelling of Chinese names. This was researched after Bob Hill, MA advised me the proper spelling for Nei Menguu PBS (Pinyin Spelling) should be Nei Mongol. I then checked 'Passport to World Band Radio' and they show 'Inner Mongolia' as Nei Monggol. Should be Nei Menggu & I should point out that not all Chinese Students are familiar with Pinyin spellings, so you have to be careful who you ask as has been pointed out to me by numerous Chinese students. They always refer me to my Mongolian friend. The other spelling is Wade-Giles. For example Peking is Wade Giles & Beijing is Pinyin. If you are interested in China, I suggest you obtain "The China Guidebook" (640 Pages, Paperback) by Fredric M. Kaplan & Arne J. de Keijzer, Houghton, Mifflin Company, Eurasia Press. (bmm)

China off summertime since 9/17. Before the "National Hookup News" (12-1230 CPBS-1, 14-1430 CPBS-2) on China People's Broadcasting is heard "Every Heart is to The Motherland". This was also sung by a choir at the end of the 40th Anniversary Festivities at Tiananmen Square which I heard on CPBS-2. Also on that broadcast, I heard "Chairman Mao declare that Peoples' Republic of China is built now and Chinese are up forever." This was a movie being shown as part of the Tiananmen Square Festivities. (Thanks to a Beijing University Student who arrived in Portland, OR around 10/1 and had to watch this movie before he left China. He will be here for a couple of years and has actually been asked by "The Director of the Northwest Regional China Council" to help me with what I am hearing on the Chinese Domestic Services.) From what appears to be a fairly new Radio Beijing brochure, some interesting observations: On the 40th anniversary of Radio Beijing's inaguration Chinese leader Zhao Ziyang remarked ....(Well now Zhao Ziyang's name has a blue ink line through it. Also telephone #s are listed for Radio Beijing's English Department: Director's Office: 868581-2274; Audience Relations: 868581-2760; Current Affairs: 8013134; Newsroom: 862691. Note: Except for 'Director's Office', these numbers differ from what was in Glenn Hauser's 'DX Listening Digest' Issue 26 w/closing date of 9/5/89 & last but not least, there is a picture of Lifang, Audience Relations of Radio Beijing,

who incidentally mentioned me and my family on the "Listeners' Letterbox" special on 10/2. The Audience Relations People were introduced and they talked about some people that have written to them. If you were listening to that program, Lifang, in a letter, lets me know that she was the one who suggested to sing a song for our friends: "The More We Get together, the Happier We'll Be". She was sitting in the front row in front of the microphone.

Radio Beijing Highlights of Features for November: Music from China: The Zhuang nationality boasts the largest population among China's ethnic minorities. The Zhuang people are renowned for their singing ability. On the first Saturday of November, you'll be able to enjoy the music played with the traditional Zhuang instrument--the horse-bone-fiddle. Join us if you don't want to miss this opportunity.

Listeners' Letterbox: Ecological and conversational matters may sound academic or heavy. Yet, they are problems we face everyday. What measures has China taken in these respects? Find the answer in our Listeners' Letterbox program on Sunday. The Lotus Flower Lantern Festival held in Beijing's Beihai Park from July to September attracted thousands of visitors. This fascinating flower has aroused a great interest among our listeners, too. In our Letterbox program on November 19th, we'll tell you more about this flower.

Culture in China: People of minority nationalities have colorful and distinctive courting and marriage customs. Culture in China on November the 9th will feature music and stories about these events in Yunnan province.

Travel Talk: Hebei Province in northern China boasts many historical sites and scenic spots. In November, Travel Talk will take you to some of these beautiful places: Handan, a 2,500 year-old city -- on November 4th. Shannaiguan, the First Pass on the east end of the Great Wall -- on November 11th. Chengde, China's Largest imperial garden -- on November 18th.

China Anthology: Zheng Banqiao was both a painter and writer who lived in the Qing dynasty between the 17th and 18th centuries. He is known as one of the "Strange Painters of Yangzhou" because his works never followed the tradition. And it's because of this, Zheng Banqiao held a very important position in the history of Chinese painting. People feel very proud to include Zheng Banqiao in their collections. On Sunday November 19th, Zheng will be the topic of our China Anthology program. (Lifang, Audience Relations, Radio Beijing.)

COSTA RICA - Via Radio For Peace Int'l Mailbag Pgm on 10/17: Changes to broadcast sked: 0430-0730 Mon-Fri (Weekend broadcasts remain the same) generally a repeat broadcast of earlier program on 7375USB beamed to WCNA and Pacific Area. Weekend Broadcasts on 7375USB at 0600. Repeat 3 hours of programs, 3 times, so will run up into the early morning hours. No changes on that, they've been continuing that schedule. Note: Once in a while some of these broadcasts will be off the air due to work being done on equipment at station and need maintenance hours. In the morning there will be cutbacks because of old problems of interference with being in combined facility with television and video production studios here and therefore will broadcast only two hours in the morning 14-16 only Spanish programs on 7375AM t/Central America & 13660 t/US and as well possibly heard in Europe. Interested if heard in Europe. For the immediate future the 14-16 mostly in SS. Will be back on to longer hours possibly in December when they are hoping for some expansion. They have plenty of land at the university to expand. Up the hill from the present studio about 300 or 400 meters hope to have a new transmitter site and maybe a new transmitter to go along with it a few months down the line.

FINLAND - EE 0000 on 9645NF ex 15185//11755 on 10/5. (bmm)

FRANCE - 17620, 1610, Radio France Int'l, EE, M "You're listening to Paris Calling Africa"//17795, 15360, 11705 on 9/29. The 1990 "Passport to World Band Radio on Page 99 "What's On Tonight"? column under Radio France Int'l. "The program formerly called Paris Calling Africa...." So apparently they've changed it back to "Paris Calling Africa". (bmm)

GUAM - KHBN, Piti, Guam, Final Operating Sked 01 11/5-01 3/25: 9830\* 10-16 China; 9840\* 20-24 China. (George Jacobs & Associates Inc., MD)  
KSDA Final Operating Sked D-89 01 11/5-01 3/25: 9495 20-22; 9650 13-14; 11980\* 09-17, 20-21; 13720\* 02-13, 14-17; 15125 22-02; 15225 22-09; 15310 21-22. \* = Out-of-band operation on a non-interference basis. (George Jacobs & Associates Inc., MD & also thanks to David Jones, TN & Yukimasa

Matsushita, Japan for published sked.) Note: For the period 9/24-11/4 there was a change made for a short period at 14-17 w/9590 replacing 13720 in Burmese & Indian languages but this was changed back due to co-channel interference. Also in Published sked for D-89 EE is shown on 13720 at 16. EE is currently on 11980 and Indian on 13720. On Saturdays, the Mailbag Program at 1615 keeps you up on all the freqs and programs. (bmm) KTRW EE Sked Effective 10/1: 0930-11 11805 Australia, New Zealand, PNG & South Pacific; 15-1705 11650 India; 08-0930 15210 Far East; 16-17 11910 Africa (Note: This is a new broadcast). Pacific DX Magazine: Sat 1000 11805 Australia, New Zealand; 1515 11650 India; 0845 15210 Far East.

INDIA - The 'All India Radio' Schedule (9/26 Update) for both Home Service and External Service is now available. Cost for each is \$2.00 (USA & Canada only) to: Robert R. Palmer, E. 2707 - 15th Ave, Spokane, WA 99223-5101 USA. Tel: +1-509-536-7671 (14-04 UTC). Listeners in the rest of the world may order cost is US\$3.00 cash or 3 IRCs to: Manosij Guha, 101 S.R.K. Hostel, Jamia Nagar, New Delhi - 110 025; India. Telex: +81 31 75210 mrcr in (24 hours); Tel: +91 11 6322263 and + 91 11 637571 (04-12 Mon-Fri).

4760, 1600, AIR Leh, Ladhak. Their new transmitter throwing out a very good signal. News relay from Delhi until 1600 and then pgm in Ladhaki (the dialect is a Tibetan tongue). Sign-off at 1630 w/'Jai Hind'. Logged this one after tip from Kanwarjit Sandhu. The station appeared on air exactly One Year after a senior AIR engineer at Delhi had told me that Leh was testing! Heard first on 9/6. (Supratik Sanatani, Aligarh, India via 'OZ DX' Edition No. 49, October 89) (See Andaman Islands)

JAPAN - Radio France International via Yamata Relay: 0925-12 11735 FF; 1025-1155 17705 FF; 12-1230 11735 CC; 2255-0030 17710 FF. (Yukimasa Matsushita, Japan)

NETHERLANDS ANTILLES - Trans World Radio, Bonaire, D-89 High Freq Transmitter Sked to N&CAM & Caribbean: 6180 01-02 Daily Carib SS; 9535 EE 03-0530 Sun, Mon (03-0430 Tue-Sat) NAM & CAM; 9535 0430-0530 SS Tue-Sat CAM; 11815\* 1055-1257 EE Mon-Fri(0655-10 Sat & 0655-0932 Sun) ENAM & CAM; 11930\* 0255-0530 EE Sun, Mon (2255-0030 Tue-Sat) NAM & CAM; 11930 0430-0530 SS Tue-Sat NAM & CAM; 15345\* 1055-1257 EE Mon-Fri(1055-14 Sat & 1055-1332 Sun) ENAM & CAM. (John Carson, OK)

NORTHERN MARIANAS - KHBI, Saipan, Final Freq Sked D-89 01 11/5-01 3/25: Transmitter #1: 0000-04 Off The Air; 04-08 17780 China; 08-10 9530 CS Japan/Korea; 10-12 9530 China; 12-14\* 9465 Philippines; 14-16 9530 China; 16-18 9530 S.Asia/India; 18-22\* 9455 Japan/Korea; 22-24\* 15405 China. \* = Out-of-band on non-interference basis. Transmitter #2: 0000-06 Off The Air; 06-08 17855 Philippines; 08-10 17855 Australia/New Zealand; 10-12 15115 Indonesia; 12-14 15285 DCI C&W Australia; 14-18 15385 India; 18-20 17770 New Zealand; 20-22 17770 Australia; 22-24 Indonesia; 0000-02 Philippines. \* = Out-of-band on non interference basis. (George Jacobs & Associates Inc, MD)

SUDAN - Radio Omdurman in EE on 9540 under Radio Veritas in CC at 1530-1600 on 10/1. On 10/5 heard a // of 11625 w/recitations from 1540-1543. Reception not as good as old freq of 9435 first heard on 9/21. On 10/18, Radio Omdurman only heard on 9540 under Radio Veritas. (bmm)

SWEDEN - Radio Sweden EE Sked 9/24-3/24: Eur 1230 15190, 117740, 21570; 14 11905, 17740; 1530 21655; 18 7265, 6065; 21 9655, 11705; 01 7225, 9640; NA: 1530 17780, 21610; 0230 9695, 11705. (John Carson, OK)

SWITZERLAND - Red Cross Broadcasting Service, Geneva Sked: Dates are: Sun: 11/26, 12/31, 1/28, 2/25; Mon: 11/27, 1/1, 29, 2/26; Mon, Thu: 11/2,27,30; 1/4,29; 2/1,26; 3/1; Tue, Fri: 11/3,28, 12/1, 1/2,5,30, 2/2,27, 3/2; 0110-0127 Tue, Fri SS Am, 17730-B, 12035, 9885, 9725, 6135, 6095; 0310-0327 Tue, Fri EE Am 12035, 9885, 9725, 6135; 0740-0757 EE Mon, Thu EE Australia 21695, 17670, 13685, 5960; 1040-1057 Mon, Thu Asia 21770, 17830, 15570, 1710-1727 FF, EE Mon, Thu, Af 117830, 15525, 15430, 11955, 9885; 1840-1857 FF, EE, Mon, Thu, Af 21705, 15525, 15420, 13635; 2210-2227 PP, Mon, Thu, Am 15570, 12035-G, 9885, 9810. C = China; G = Gabon; B = Brazil. (WBI 10/6 & Yukimasa Matsushita, Japan)

UNITED STATES - VOA takes care of Catch-22: Norman, OK transcript 10/2/89: Washington (AP) - The Voice of America says it's taken care of a Catch-22 situation in which its broadcasts to Angola were disturbed by a radio station run by U.S.-backed rebels.

But Rep. Mervyn Dymally, D-Calif., says he wants to know exactly what happened this summer when "The Voice of Resistance of the Black Cockerel," a station experts say was set up by the CIA, interrupted Portuguese-language broadcasts by the VOA, the U.S.-government-supported station that serves overseas listeners.

Dymally, chairman of the House subcommittee on international operations, said last week he'll raise the issue in panel hearings this year. "I wrote a letter of protest about it," he said.

"The need is great for the VOA to have at this time unhindered and unhampered access to its consumers in Southern Africa," Dymally said. (John Carson, OK)

The following schedules courtesy of George Jacobs & Associates Inc, Silver Spring, MD.

KUSW, Salt Lake City, UT - Final Operating Sked D-89 11/5-01 3/25: (All broadcasts directed to Canada) 6135 07-11; 6175 05-07; 9815\* 03-05; 9850\* 11-15; 11695\* CS 01-03; 15580\* CS 22-01; 15650\* 15-22. \* = Out-of-band operation on non-interference basis; CS = Crash Start.

KVOH, Simi Valley, CA - Final Operating Sked D-89 01 11/5-01 3/25: 11960 04-08 Caribbean; 13695\* 02-04 Caribbean; 17775 12-02 Caribbean. \* = Out-of-band operation on non-interference basis.

WCSN, Scotts Corner, ME - Final Operating Sked D-89 01 11/5-01 3/25: 14-16 21780\* Eur; 16-18 21640 EAF; 18-20 21640 SAFr; 20-22 13770 Eur; 20-22 9465\*\* Eur; 22-24 15300 WAF; 0000-02 9850\* WAF; 02-04 9850\* EAF; 04-06 9870\* SAF; 06-08 9840\* Eur; 06-08 7365\*\* Eur; 08-10 9840\* Eur; 10-14 Off-Air. \* = Out-of-band operation on non-interference basis; \*\* = Out-of-band occasional use.

WHRI, Noblesville, IN - Final Operating Sked D-89 01 11/5-01 3/25: 6100 06-08; 7355\* 08-11 & 0000-06; 7520\* 11-13; 9465\* 13-15; 9495\* 0000-08; 11790 11-14; 13760\*\* 16-17; 13760\* DCI 17-24; 15105 14-16; 15105\*\*\* 16-17; 15105 17-18; 17830 18-0000; 21840\* 15-17. \* = Out-of-band operation on non-interference basis; \*\* = Monday thru Saturday; \*\*\* Sunday Only; DCI = Drop Carrier Immediately.

WRNO, New Orleans, LA - Operating Sked D-89 01 11/5-01 3/25: 16-24 15420 NA & Eur; 0000-04 7355 NA; 04-06 6185 N&Cam; 06-12\* 6185 N&Cam; 12-14\* 9715 N&Cam; 14-16\* 11965 N&Cam; 23-24\*\* 7355 N&Cam; 21-24\*\* 13720 N&Cam & Eur. \* = Sunday Only; \*\* = Occasional use.

WSHB, Cypress Creek, SC - Final Operating Sked D-89 01 11/5-01 3/25: Transmitter # 1: 0000-02 7400 ENA & Caribbean; 02-04 9455 CNAM & Cam; 04-06 9455 W&CNA; 06-08 9455 WNA; 08-10 113760\* Australia & Oceania; 08-10 11770\*\* Australia & Oceania; 10-12 6150 ENA; 12-14 6150 ENA; 14-16 13760 W & CNA; 16-20 Off The Air; 20-22 15610 ENA & Eur; 20-22 13770\*\* ENA & Eur; 22-24 9455 ENA & Caribbean. \* = Out-of-band operation on non-interference basis; \*\* = Occasional use. Transmitter # 2: 0000-04 13760\* SAM; 04-06 13760\* Mexico; 06-08 11980\* W.Mexico; 08-10 9455\* Brazil; 10-12 9455\* E.SAM; 12-14 11930 Cam; 14-16 17555\* Mexico; 16-20 Off Air; 20-22 17555\* E.SAM; 22-24 17555\* Brazil. \* = Out-of-band operation on non-interference basis. 17855NF, 2056, VOA, Site Unknown, CC, W talk and //17765 after 21(when I checked this freq.) At 2200 17765 QRM'd by CPBS-1 signing on but 17855 in the clear, till 2300 when Radio Beijing signs on in Spanish on 10/13 (bmm)

VIETNAM - 15010, 1823, V. of Vietnam, EE, "Welcome to our special Advertising Section" t/1826\* on 10/13. They advertise some pretty strange stuff. Give it a listen! (bmm) Thank you for your support! 73's,

TIME SIGNAL - The VNG standard frequency and time signal service at Llandilo in New South Wales currently has this temporary schedule: 5 MHz: Continuous; 10 MHz: 22-07; 15 MHz: 22-07. The 5 and 10 MHz signals are radiated from Wells quadrant aerials. The 15 MHz outlet is radiated from a quadrant aerial with a single strand of wire on each arm. Dr. Marion Leiba of the VNG Users Consortium says they may gain permission to move from 15 MHz up to 16 MHz, although she is not very hopeful about this. They would also prefer 4.5 and 7.5 MHz in place of 5 and 10 MHz, but the Federal Minister of Transport and Communications has said this is not possible. The Users Consortium recognise there is a demand for some form of ionospheric report on the VNG service, however severe financial constraints make these demands difficult to satisfy at present. (Peter Bunn, Melbourne, Victoria via his 'OZ DX' Edition No. 49, October 89) Thanks for your support, 73's, Bruce

# Western Hemisphere

Loggings by the 12th of the month to:

Thomas F. Sable  
University of Scranton  
Scranton, PA 18510

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## ANTIGUA\*\*Deutsche Welle Relay\*\* British Broadcasting Corp relay\*\*

6175 0029 **BBC** Bomb attacks in Colombia (433 9/16 Brown-IL)  
11810 0200 **DW** SS; IS, ID, freqs, nx (444 9/17 Berri-CA)

## ARGENTINA\*\*Radio Argentina\*\*

6178 0724 **R** **Nac. Mendoza** Light mx, then OM talks (353 9/26 Kunkel-CA)  
11710 2330 **RAE** Tango mx, ID (333 9/29 Brown-IL)

## BOLIVIA

3340 0030 **R** **Viloco** YL talks with OM (222 10/1 Bishop-NY)  
4945 1020 **R** **Illimani** Bolivian mx (454 9/30 Kunkel-CA)  
5011' 0944 **R** **Litoral** OM with Bolivian flute mx (353 9/30 Kunkel-CA)  
6015 0130 **R** **El Mundo** Mx, Pepsi ad (353 9/10 Kunkel-CA)

## BRAZIL+++Swiss Radio International relay+++

3205 0106 **R** **Vale do Rio Madera** ID into mx (433 9/12 Bishop-NY)  
3235 2354 **R** **Clube OM** talks (333 9/12 Bishop-NY)  
4805 0038 **R** **Dif. do Amazonas** OM talks (433 9/27 Bishop-NY) jingle ID (353  
9/17 D'Angelo-PA)  
4875 0052 **R** **Nac. Boa Vista** OM and YI talk, into mx (222 10/1 Bishop-NY)  
telephone requests (D'Angelo-PA)  
4885 0026 **R** **Clube do Para** OM talks (222 9/28 Bishop-NY)  
4955 0319 **R** **Marajoara** Sermon by OM, ID, jingles (333 9/17 D'Angelo-PA)  
4985 0133 **R** **Brasil Central** OM with ads and mx (333 9/30 Kunkel-CA)  
6090 0730 **R** **Bandeirantes** Call-in program, PP mx (355 9/26 Kunkel-CA)  
6120 0102 **R** **Globo** Soccer game (343 9/29 Kunkel-CA)  
11745 0238 **R** **Nacional do Brasil** Mx with sax (434 9/19 Reeves-OR) (Cichorek-  
NJ)  
11805 0910 **R** **Globo Musical** ID, Happy Birthday mx, reggae, ads (323 9/28  
Famularo-JP)  
11915 0105 **R** **Gaucho Porto Alegre** OM discusses (252 9/29 Kunkel-CA)  
11925 0520 **R** **Bandeirantes** Soccer game // 6090 (242 9/29 Kunkel-CA)  
17730 0200 **SRI** EE; Nx, "Grapevine," Swiss mx, into II, GG, SS-(343 9/18 D.  
Jones-TN)

## CANADA\*\*Radio Canada International\*\*Radio Japan relay\*\*Quebec Northern Service\*\*British Broadcasting Corporation relay \*\*Radio Austria International relay\*\*

5960 0056 **RCI** FF; French rock (444 9/23 Reeves-OR) (Langlois-FL) 2200 EE;  
Royal Canadian Air Farce (555 10/1 Thornton-NJ)+1  
6005 1938 **CFCX** ads, ID, nx, wx (433 9/22 Bishop-NY)  
6015 0530 **RAI** East German refugees (444 9/14 Miller-CA)  
6070 1942 **CFRX** Wx, Hurricane Hugo update (433 9/22 Bishop-NY) (Miller-CA)+1  
6120 1155 **RJ** Commentary on waterfront development (555 9/22 Fraser-MA)  
6130 1933 **CHNX** wx, Critters mx, ID (322 10/5 Thornton-NJ)  
6160 1955 **CKZU** Simon and Garfunkel mx (322 9/22 Bishop-NY) (Kunkel-CA)  
9515 1230 **BBC** "Play of the Week" Henry V (555 9/10 Fraser-MA)  
9590 2301 **BBC** US-Soviet agreements (544 9/23 Brown-IL)



Canada (cont.)

- 9625 1310 QNS "Sunday Morning" (454 9/10 Fraser-MA) (Miller-CA)+1  
9755 0101 RCI FF; ID, address, nx on Colombia (434 9/21 Reeves-OR) EE;  
Amateur Radio activity for SWLs' Digest (555 9/25 Card-RI) (Miller-CA)+1  
11730 2305 RCI US jet explodes over Canada (333 10/4 Brown-IL)  
15325 2240 RCI "As It Happens" Equality Party (333 9/26 Brown-IL)

## CHILE ++Radio Nacional++

- 15140 2342 Latin mx, vocals, nx (444 10/12 Cichorek-NJ)

## CLANDESTINE

- 6215 0020 R 15 de Sept SS; IDs, mentions Miami, anti-Sandinistas, talk on  
Ortega (454 9/15 Karcheski-MA)  
6215 0008 R Liberacion SS; Long talk, trumpet mx (322 10/14 Cichorek-NJ)  
6247 0235 R Venceremos SS; OM, YL, mx, IDs (455 9/27 Kunkel-CA)  
6760 0058 R Patria Libre SS; Internationale, IDs, YL and OM, freqs, guitar  
mx (454 9/27 Karcheski-MA)  
6835 0105 UNID OM and YL in play, mx, talk, nx (353 9/27 Karcheski-MA)

## COLOMBIA\*\*CARACOL\*\*

- 4865 0015 V Cinaruco ID, YL sings (433 9/28 Bishop-NY)  
4895 0057 R Aracua soccer match (433 10/1 Bishop-NY)  
4945 0120 CC Neiva football (433 10/1 Bishop-NY)

## COSTA RICA

- 5045 0550 R Impacto Latin mx, ID, dance mx, NA (444 9/16 Miller-CA)  
7375 0330 R Peace International EE; Glenn Hauser's World of Radio, Mailbag,  
2 OMs mention second anniversary program and call-in number (323 9/20  
Sable-PA)  
21565 2307 R Peace International EE; UN boycott of S Africa (333 9/18 Brown-  
IL) (322 10/14 Cichorek-NJ)

## CUBA\*\*Radio Habana Cuba\*\*

- 4765 0004 Mayak relay RR; YL reads nx (433 9/27 Bishop-NY)  
9710 0219 RHC Nuclear arms and US (222 9/19 Reeves-OR)  
11820 0215 RHC EE; ad for Pan American games contest (222 9/19 Reeves-OR)  
(Fraser-MA)

## DOMINICAN REPUBLIC

- 6025 0400 R Amanecer sign-off, ID in EE, address, NA (454 9/16 Kunkel-CA)

## ECUADOR

- 3280 0240 V Napo easy Latin vocals, ID (353 9/28 D'Angelo-PA)  
3315 0332 R Pastaza vocals and announcements (252 9/26 D'Angelo-PA)  
4851 0308 R Luz y Vida, Loja Romantic instrumentals, ID, TC (252 9/9  
D'Angelo-PA)  
4920 0111 R Quito OM and YL in a play (433 10/1 Bishop-NY) (Cichorek-NJ)  
5012 0954 Escuelas Rfonicas Quechua: Vocals, flutes, ID (333 10/12  
Cichorek-NJ)  
11775 0200 HCJB EE; "Ham Radio Today" (222 9/9 Bronowicz-NJ) (Famularo-JP)  
15155 0248 HCJB EE; Trip planning (555 9/21 Reeves-OR) (Miller-CA)+1  
15230 2230 HCJB RR; formerly on 15250, into GG at 2300 (433 9/18 Lackmann-  
VA)  
15250 0030 HCJB GG; OM and YL present religious message, ID, freqs (444 9/29  
Langlois-FL)

## FRENCH GUYANA\*\*\*Radio France relay\*\*\*Radio Japan relay\*\*\*

- 6170 0759 RFO nx, ID, sports, comedy, pop mx (353 9/17 George-MA)  
15325 0302 RJ EE; dollar plunges, E Germans arrive, ID freqs (444 10/1  
Brown-IL)

## GUATEMALA

- 3300 0143 R Cultura Instrumentals, ID (433 9/24 Bishop-NY)  
4799 0013 R Buenas Nuevas Groups sings Christian songs, ID (433 9/27  
Bishop-NY)  
4835 0006 R Tezulutlan Vern; Indian and SS mx (433 9/28 Bishop-NY) (333  
10/3 Thornton-NJ)

## HONDURAS

4755 2350 **Sani R** OM sings, ID (433 9/26 Bishop-NY)  
4820 2336 **V Evangelica** Religious talk by OM, Christian mx (243 9/27  
Bishop-NY)

## NETHERLANDS ANTILLES\*\*Radio Nederland relay\*\*

11865 1408 **RN DD**; Colombian drug war (343 9/16 Wright-NF)  
15315 0106 **RN EE**; report on recent Chinese history // 6165 (444 9/21 Reeves-  
OR) Newslite (333 9/28 Brown-IL)  
21685 1835 **RN EE**; World nx, African service, "Newslite (444 9/26 Miller-CA)

## PARAGUAY\*\*Radio Nacional\*\*

9735 0580 **RN ID**, lively mx (433 9/29 Kunkel-CA)

## PERU

3290 0920 **R Tayabamba** OA vocals into talk program with YL and OM (343 9/9  
D'Angelo-PA)  
3339 0514 **R Altura** Peruvian mx, OM announcer (455 9/20 Kunkel-CA)  
4821 1025 **R Atahualpha** Peruvian mx with OM "Mejor musica en ?" (232 9/30  
Kunkel-CA)  
4935 0937 **R Tropical** Andean mx, ID with echo (455 9/30 Kunkel-CA)  
5030 0940 **UNID** [R Los Andes?] SS Mx and nx (232 9/23 Famularo-JP)  
5050 0950 **R Municipal?** Accordion, flutes, OM (353 9/30 Kunkel-CA)  
5083 0955 **R Huagabamba** Andean mx with flutes (333 9/30 Kunkel-CA)  
6690 0020 **R Cutervo** Andean guitar and folk mx, OM vocals, ID (222 10/4  
Thornton-NJ)

## PIRATES\*\*\*

6240 2345 **UNID** Album from YES, animal howl, into SS and SS mx (353 9/25  
Karcheski-MA)  
6250 0220 **WRNR** Rock mx, ID: "Hey man, WRNR Rock and Roll, I love it!" (333  
9/21 George-MA)  
7410 0340 **CHGO** Vocals, announcer says "Poltergeist" over songs, jazz, Baez  
(9/9 343 D'Angelo-PA)  
7416 1952 **WVOS** "The Voice of Sex" ID with Eddie; address given as PO Box  
628; comments about QSL with "usual Jane Fonda reply" (243 9/23  
Karcheski-MA)  
15040 2300 **V Tomorrow** Dog yowls and drums, ID, country mx (454 9/23 George-  
MA)

## UNITED STATES OF AMERICA\*\*Voice of America\*\*

6135 0931 **KUSW** Ad, address, Beatles mx (232 9/24 Famularo-JP)  
7315 0430 **WHRI** Multilingual ID, Christian rock mx (444 9/25 Miller-CA)  
9455 0615 **WSHB** Spiritual love, interviews, "Herald of CS" (555 9/16 Miller-  
CA)  
9465 2305 **WCSN** Nx, Swedish ferry fire set (555 9/23 Brown-IL)  
9505 0231 **WYFR** Call-in with Harold Camping (545 9/19 Reeves-OR)  
9815 0210 **VOA** "Focus" on nuclear power plants (555 9/19 Reeves-OR)+1  
11575 2125 **WYFR** Sin and hell (433 9/27 Bishop-NY)  
11695 0207 **KUSW** Rock mx, ID (455 9/17 Berri-CA)  
13760 0235 **WSHB** Nx: song and dance program for teens (555 9/19 Reeves-OR)  
15420 2350 **WRNO** World of Radio (444 9/30 Brown-IL)  
15580 0015 **KUSW** "Top Ten in '61" (444 9/19 Langlois-FL) (Miller-CA)  
21840 1630 **WHRI** Religious program (522 9/9 Kunkel-CA)

## VENEZUELA

4830 0053 **R Táchira** Latin mx, ads (433 9/27 Bishop-NY) (Miller-CA)  
4970 0125 **R Rumbos** Latin pop mx (433 10/1 Bishop-NY) (Cichorek-NJ)

### Recent Changes

**BOLIVIA--Radio La Plata** in Sucre has been noted around 17:00 hours on 9710  
kHz. (Rolando A. Gimenez, Argentina) Radio La Plata is on the air from  
13:00-19:00 hours on 9715 kHz. (Aboe Nawaw Thaliep, Indonesia) The WRTH gives  
the frequency as 9716 kHz variable. (DX Editor)

**Radio Horizonte** has been observed around 02:00 hours on 5160 kHz, which is a

move from the 4518 kHz used earlier. (Ivan Gabriel Barrera in "Onda Corta", Argentina)

ECUADOR--**Radio Centro** in Ambato is apparently a new station on shortwave, which has been heard around 10:00 and until sign off at 04:05 hours on 3290 kHz, suffering from interference from Radio Tayabamba in Peru on the same frequency. Radio Centro in Ambato has so far been listed on 1130 kHz. (Ole Forr in "ShortWave Bulletin", Sweden, and "Shortwave News", Danish Shortwave Clubs International, Denmark)

**Radio Baha'i** in Otavalo has been heard 12:00-15:00 hours and 00:00-02:00 hours on 4950 kHz with interference from Radio Televisi Malaysia on the same frequency. (Aboe Nawan Thaliep)

PUBLICATIONS--Onda Corta, edited by Gabriel Ivan Barrera, deals mainly with Latin American news, and includes a section in English, as well as with news from all parts of the world. A subscription costs USD 2 for every three issues, from: Onda Corta, Casilla 2868, 1000 Buenos Aires, Argentina.

DX Post is published bimonthly by the Universal DX League, a club with a membership in the +150 members range. The magazine costs 4 IRC's for a single copy or USD 8 for an annual subscription. For further information write to Universal DX League, 408 Krishna Nagar, Ludhiana-141 001, India.

(All of above from SCDX)

A handy guide for South American DXing is the newsletter RADIO PANORAMA published monthly by Daniel Camporini P.O. Box 68 (1605) Munro, Republica Argentina. Enclose \$1 or 4 IRCs for three issues, \$3 or 14 IRCs for 12 issues. The newsletter also contains MW information.

COMPUTER USERS--The ANARC BBS (913-345-1978) now contains the monthly columns of many SPEEDX editors. This Western Hemisphere column is uploaded as soon as it is finished. Located in the MidWest (actually, Kansas, Dorothy) it's less of a long distance call for many. So if you can't wait to see those loggings, you don't have to. The ANARC BBS offers not only loggings but also information about all aspects of shortwave listening. Give it a call.


In addition Western Hemisphere BBS continues in operation at 717-961-7687 at 2400/1200/300 baud for 24 hours a day, seven days a week. In addition to this column, many other loggings of interest, other SWL information, and SWL programs are available free of charge. New features include direct access to the National Traffic System, a convenient way of passing non-commercial messages. Plans are in the works to upgrade the board and to include a DOORS feature. So plug in that modem and start dialing.

Welcome to our new African editor, Don Thornton.

As always get the loggings directly to me by the 12th of the month and to our Central Distribution Editor by the fifth of the month.  
His address is:

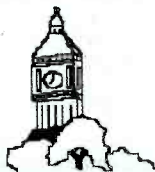
David B. Jones  
2120-C Mockingbird Lane  
Springfield, Tennessee 37172  
USA

So long until next month.



**EUROPE**

**Daniel Sampson**  
**P. O. Box 31**  
**Independence, WI 54747-0031**



**Deadline: 12th**  
**Times/Dates: UTC**  
**Frequencies: KHz**

**BOARDING PASS**  
**Rev**     
**Seat Window**     
**Center**     
**Aisle**     
**Flight**     
**Destination:** \_\_\_\_\_

**EUROPE**

**ALBANIA Radio Tirana**  
 7155 \*1728 **RT EE; IS, YL, ID, review of Albanian papers, wld nx (534 9/20 Willers-Switzerland)**  
 9500 0346 **RT EE; ID, Albanian vocals, tlk about opera as part of RT's cultural exchange (333 9/16 Cichorek-NJ)**  
 11870 1554 **RT RR?; RR like lang but Indian mx, IS @ 1558 (353 9/9 Kunkel-CA)**

**AUSTRIA Radio Austria International**  
 6155 1646 **RAI EE; mailbag w/ Mark Ward, mx from Wien, 1700\* (555 9/17 Willers-Switzerland)**  
 9870 0137 **RAI EE; rpt on Austrian trade, Austrian railways 100th year Anniv. (333 9/14 Brown-IL)**  
 9875 0152 **RAI EE; ID, rpt on 17th Century court portraits (343 9/19 Reeves-OR) 0146 EE; intvw w/ a Soviet reformer at a meeting of Austrian Peoples Party (434 10/8 Carson-OK) 0142 EE; Rpt from Austria, gambling (433 9/21 Bishop-NY) Forrest, you have the freq listed as 9785, which is unlikely.-ed.**  
 13730 0155 **RAI EE; rpt on an Austrian author, waltz mx (333 9/30 Brown-IL)**

R. Austria Int'l has experimentally added a 6th lang with the addition of AA Su only @ 0505 21490, 15410, 13730; 1905 13730, 12010, 6155, 5945. New EE sked is: 0530 to Eu/ME 21490, 15410, 13730, 6155, 6015 via Sackville to NAM; 0830 to Eur/Aust/As same freqs as 0530; 1130 21490, 15430, 13730, 6155; 1330 to FE 15430; 1430 Eu/Waf/SEAs 21490, 13730, 11780, 6155, SWEu 21490; 1730 & 1930 Eu/ME/Saf 13730, 12010, 6155, 5945; 0130 N&SAm, 13730, 9875, 9870. (BRT Radio World 10/2) **RAI** new sked in FF is 0730-0800 & 1230-1300 on 6155, 1630-1700 on 21490 & 6155, 1830-1900 on 6155 & 5945, 2130-2200 on 9870, 6155 & 5945. (Francois Chalory, France via SCDX electronic edition #2063 via ANARC BBS)

**BELGIUM Belgische Radio en Televisie**  
 5910 1730 **BRT EE; ID, freq anmt, Brussels Calling w/ Blackie Blackwell (444 9/17 Willers-Switzerland)**  
 9925 \*0030 **BRT EE; missionaries experience in coal mine district, mx comments w/ recordings of Wellington's Victory by Beethoven (555 9/26 Card-RI) 2330 EE; Brussels Calling, P.O. Box 26, Radio World (454 8/5 Gears-IL) 2350 EE; rpt about 1992, possible one Eur bank & one currency (444 9/11 Brown-IL)**  
 21810 \*1700 **BRT ID by YL in Dutch into nx, pop mx request pgm (333 10/4 Jones-TN) 1537 EE; Radio World, P.O. Box 26, IS, into FF (333 9/9 Miller-CA)**

**RTTF** b/c in FF to Eur as follows: weekdays--0630-0735 5965, 1100-1300 & 1600-1645 9925. Sa--0630-0730 5965, 0730-1305 & 1600-1645 9925. Su--0630-0730 5965 & 0745-1645 9925. (Francois Chalory, France via SCDX bulletin #2062 via ANARC BBS)

**BULGARIA Radio Sofia**  
 7155 2131 **RS Bulgarian; OM w/ tlk (433 9/26? Bishop-NY)**  
 11660 2308 **RS EE; nx, Turkish foreign policy, Israeli aggression in Lebanon (523 9/17 Wright-NF) 2320 EE; tlk like on theatre, cmtry (333 9/21 Miller-CA)**  
 11700 0440 **RS SS; tlk, mx, possible nx, Soviets (444 9/20 Miller-CA)**  
 11735 0408 **RS FF; nx, tlk, // 15160 (333 9/21 Miller-CA)**  
 11750 0320 **RS EE; pop mx, tlks on Bulgaria (545 9/23 Miller-CA)**  
 11765 0545 **RS GG/FF; mx, tlk, Id, into FF @ 0600, DW QRM (333 9/21 Miller-CA)**  
 15290 0300 **RS EE; nx, features on Bulgaria (444 8/3 Gears-IL)**  
 15330 2345 **RS EE; "The Old Treasure Book," wedding customs, 14th Century hero Pilmarrco, ancient monasteries (544 9/21 Fraser-MA) 2139 EE; Balkan Panorama, Turkish mistreatment of Bulgarian Turks, financial rpt (433 9/13 Cichorek-NJ)**

CZECHOSLOVAKIA **Radio Prague**

7345 0100 RP EE; nx, comtry on spheres of influence in wld, ordaining of Roman Catholic bishops in Czech. (533 9/3 Wright-NF) \*1530 EE; ID, freq, nx, Arafat to visit Japan, mailbag, stamp corner (545 9/17 Willers-Switzerland) 0328 EE/GG; trade unions in CSSR discussed, agriculture pgm, into GG @ 0400 (333 9/26 Carson-OK)

11685 0240 RP EE; tkl on a Church, WWII, Israeli attack (444 9/11 Miller-CA)

21450 1432 RP EE; nx, comtry into RP magazine show (433 10/6 Carson-OK)

R. Prague has introduced a new b/c in GG @ 0530-0600 7345, 6055 & 9505--a repeat of the previous evening's pgm (Lorenz Wiedemann, G.D.R. via SCDX electronic edition #2063 via ANARC BBS)

DENMARK **Radio Denmark**

15165 1730 Danish; ID in EE, IS, into Danish (probably nx) (544 9/17 Woering-MA)

FINLAND **Radio Finland**

9640 0021 RF EE; mailbag pgm, plug for RF lang book, 0025 IS (433 9/26 Thompson-CA)

11755 0233 RF EE; nx, reaction of memoirs of a former Finnish foreign minister, Finnish nuclear reactor is still down (322 9/14 Brown-IL)

15400 1350 RF EE; mailbag show, phone # (222 9/23 Reeves-OR)

FRANCE **Radio France International**

6045 0000 RFI FF; IS, ID by OM (333 9/20 Kunkel-CA)

6175 1600 RFI EE; nx, Israeli soldiers kill to Palistinians, Arafat visits Japan, French nx (545 10/1 Willers-Switzerland)

17620 1609 RFI EE; OM/YL, nx features, striking peugot workers occupy factory in eastern France (444 10/4 Thornton-NJ) 1605 EE; nx, crackdown on drugs, French P.M. in Warsaw (444 9/18 Miller-CA)

21770 1422 RFI EE; ID, TC, into FF pop/rock mx (433 9/8 Carson-OK) 1407 EE; rpt on meeting in Saudi Arabia, protesters storm U.S.-Australian military base (333 9/30 Brown-IL)

GERMAN DEMOCRATIC REPUBLIC **Radio Berlin International**

6040 0159 RBI SS; IS, nx, cooperation between Chile & G.D.R. (444 9/24 Wright-NF)

11765 0600 RBI EE; IS, ID, nx, Sofia QRM (333 9/21 Miller-CA)

11785 0145 RBI EE; nx on 40th Anniv. of G.D.R. (544 9/23 Reeves-OR) 0154 EE; spts, G.D.R. affirms it's solidarity w/ L.A. people's peace run in Berlin (333 9/4 Cichorek-NJ) 0145 EE; tkl on painting, Weekend Magazine (344 9/18 Miller-CA)

13610 0230 RBI EE; spts results, nx item, comments on Namibia (444 9/14 Levison-PA)

21465 1418 RBI EE; pgm about orphans in the G.D.R., to Asia (333 10/6 Carson-OK)

RBI made some changes in its new sked from 9/24: 0130 on 6010, 0730 on 15240, 0930 on 9770, 1130 on 9770, 13690 & 21465, 2330 on 6010. (Karl Heinz Leuther, F.R.G. via SCDX electronic edition #2063 via ANARC BBS)

GERMANY, FEDERAL REPUBLIC OF **Deutsche Welle**

3995 0147 DW GG; OM w/ tkl, ARO QRM (433 9/24 Bishop-NY)

6030 0446 Süddeutscher Rundfunk GG; commercials--some the same as Bayerischer, YL/OM ancns, light mx (343 9/20 Kunkel-CA)

6085 0419 Bayerischer Rundfunk GG; mx to 0427 commercials, carhorn lead, American oldies, intvw, time pips @ 0500 (444 9/20 Kunkel-CA)

6145 0148 DW EE; freq by YL, OM in GG, IS @ 0149 (353 9/30 Kunkel-CA) 0000 SS; nx, ID, comtry of Christian Democrat Party (555 9/17 Wright-NF)

6190 0451 Sender Freies Berlin GG; OM, very weak, still tklng @ 0510 (242 9/20 Kunkel-CA)

7265 0200 Südwestfunk GG; local nx, U.S. rock mx; ARO QRM (433 9/30 Woering-MA)

11810 0258 DW EE; GG/EE ID, nx, new buildup of E. German refugees (444 10/1 Brown-IL)

13780 2138 DW EE; inst mx, ID, world-wide drug problem (fr 9/20 Famularo-Japan)

15105 \*1515 DW Hindi; sub-continent mx, "...Deutsche Welle hay," ID, wld nx (fr 9/23 Famularo-Japan)

21560 1400 DW GG; IS, nx, comments on E. Germans who want to come into W. Germany (434 9/8 Carson-OK)

GREECE **Voice of Greece**

7205 0115 VOA relay EE; comtry on refugee camps (343 9/17 Kunkel-CA)

7430 2041 VOG Greek; OM w/ tkl (433 9/22 Bishop-NY)

9395 1927 VOG EE; Papandreu before high court approval of foreign aid bill (555 9/28 Leader)

11645 2235 VOG Greek; Greek songs, YL tklng w/ folk mx interludes, Greek nx (343 9/17 Wright-NF)

**HUNGARY Radio Budapest**

11910 0056 EE; comtry on events in Hungary, into Hungarian/SS (444 9/15 Miller-CA)

**ITALY Radiotelevisione Italiana**

9575 0100 RAI EE; usual nx, leading off w/ arms traffic in Italy being investigated (454 9/15 Fraser-MA) 0103 EE; wld nx, George Bush, Soviet Union, U.N. (434 9/16 Miller-CA)

11800 2307 RAI II; opera mx, intvw w/ lady journalist, big band mx (433 9/8 Wright-NF) 2109 II; vocals, ID by OM @ 2110, pop mx (333 9/13 Cichorek-NJ)

21560 1358 RAI II; IS, ID, to Canada (433 9/30 Brown-IL)

**LUXEMBOURG Radio Luxembourg**

6090 2303 EE; rock mx, ID @ 2306, 'Rock Around the Clock,' (444 9/5 Wright-NF) 2345 GG; non-stop pgm of vocal pop mx (444 9/25 Fraser-MA)

**MALTA**6025 0401 DW relay AA; AA mx, OM, heard to 0512 w/ YL (242 9/20 Kunkel-CA)**NETHERLANDS Radio Nederland**

5955 \*1430 RN EE; "This is the Happy Station, Tom Meyer is away on holidays, new freqs given, mailbag (455 9/17 Willers-Switzerland)

6020 0112 RN EE; mx of Cuba, tlk on Castro revolution, 0125\* (333 9/16 Miller-CA)

9715 \*1130 RN EE; Tom Meyer & Happy Station, people intvwed at ANARC convention, 1225\* (555 8/13 Willers-Switzerland)

15560 2030 RN EE; Happy Station, theme--Eur capitals in song, //13700 (454 9/24 Fraser-MA) 1735 Dutch; local nx, QRM from 15565 in AA, tlk about local gov't cabinet (534 9/17 Woering-MA)

**NORWAY Radio Norway International**

11840 0500 RNI Norwegian; IS, EE ID, Norw. nx pgm (343 10/7 Carson-OK)

15165 2312 RNI Norw.; phone intvw, tlk, mx, QRM de WYFR on 15170 (poor 9/24 Berri-CA)

17840 1720 RNI EE; intvw w/ a local pop singer (433 9/17 Woering-MA) 1722 EE/Norw.; tlk, pop/rock mx, ID, address (444 9/17 Miller-CA)

21705 1610 RNI EE; Norway This Week, rpt that ship captains will be trained to spot drugs being smuggled aboard, //17840 (443 9/17 Fraser-MA) 1603 EE; problems w/ 1994 Olympics discussed, Nobel Prize (434 10/8 Carson-OK)

RNI D89 EE sked is as follows: all times UTC Su: 0600 Pac 15165, Eur 5980; 0800 Pac & NAM 15165; 0900 India, SAs, Aust 17740; 1200 NAM 15165; 1300 Eur 9590; 1400 India, SAs & Aust 21710; 1600 N&CAM 21705 & 17840; 1700 Afr 21705, NAM 15305; 1800 ME & Afr 15265; 1900 Eur 15220; 2200 Waf, SAM 15225; 2300 N&CAM 9605; 2400 M SAM 9595 (direct)

**POLAND Radio Polonia**

6135 1830 RP EE; nx, comtry about Polish politics, DX club, address P.O. Box 46, 1854\* (434 8/9 Willers-Switzerland)

7125 2308 RP EE; nx, ID, Polish Top 20 mx, // 7270 (333 9/23 Cichorek-NJ)

7270 2300 RP EE; carrier til 2304, IS, ID, sked, nx, alternative schools, // 7125 (322 9/15 Cichorek-NJ)

**PORTUGAL Radio Portugal**

9705 0230 EE; nx, travel highlights &amp; comtry (322 8/3 Gears-IL)

**ROMANIA Radio Bucharest**

9570 0205 RB EE; nx on Romanian Communist Party (222 9/19 Reeves-OR)

11830 0317 RB EE; tlk on relations w/ other countries, Communist Party problems (433 9/15 Miller-CA)

11940 0200 RB EE; nx item, comment on new school year, rights guarantee (434 9/15 Levison-PA) 1948 EE; discussion of factories, workers & the Communist Party (423 10/5 Thornton-NJ)

15255 0001 RB SS; nx, mx, lots of tlk on political & economic conditions in Romania (544 9/24 Wright-NF)

**SPAIN Radio Exterior de España**

9630 0509 EE; nx, Panorama, Spain & LAM leaders discussed (544 9/7 Carson-OK) 0045 EE; SS cl mx, SS course by radio lesson #45, CBCNS-9625 QRM (333 9/9 Miller-CA)

15110 0015 EE; literary writers in Spain (444 9/19 Langlois-FL) 0003 EE; nx, tlk, too much QRM (221 9/21 Bishop-NY) 0000 EE; nx, QRM from 15105, press review, listeners letters, contest (334 9/17 Miller-CA) 0000 EE; nx, Panorama, press review, Colombian Pres. visits the White House (333 9/30 Brown-IL)

**SWEDEN Radio Sweden**  
 9615 1700 RS EE; Swedish folk mx, mailbox, ID & address anmt (555 9/17 Willers-Switzerland)  
 15390 0505 RS Swedish; 7 note ascending flute-like IS (may be electronic keyboard," Gutte Morgan (343 9/29 Kunkel-CA)  
 21610 1530 RS EE; Nordic book fair, dinosaur exhibit from China, Icelandic Ballet Co. (433 10/8 Carson-OK)

**SWITZERLAND Swiss Radio International**  
 6135 0200 SRI EE; nx, police increase security in Colombia, Swiss Radical Party calls for land reform (333 9/16 Brown-IL)  
 6165 1752 SRI EE; James Galway tlks about his mx & life, ID, 1800\* (555 8/13 Willers-Switzerland)  
 9725 0406 SRI EE; nx, Dateline, rpt on health (433 9/26 Carson-OK)  
 9885 0200 SRI EE; nx, U.S. may finance the opposition party in Nicaragua (333 9/14 Brown-IL)  
 12035 0200 SRI EE; nx, Israeli-West Bank clashes (333 9/10 Brown-IL) 0210 EE; Dateline, Swiss SW Merry-Go-Round (444 10/8 Carson-OK)

Swiss R. Int'l is now using a 30 kilowatt SSB transmitter to Afr @ 0545-0730 on 21520; 1845-2200 21705. (John Carson-OK via SWL Digest 9/23)

**UNITED KINGDOM British Broadcasting Corporation**  
 7200 0511 VOA relay EE; mx, Miami Sound Machine (454 9/9 Kunkel-CA)  
 9410 2047 BBC EE; person w/ mouse (433 9/22 Bishop-NY)  
 9915 0207 BBC EE; nx on meeting between Egypt & Israel (333 9/19 Reeves-OR) 0125 EE; wld currency rpt w/ Martin Weber (555 9/21 Reeves-OR) 2304 EE; wld nx, 10 died in SC from hurricane Hugo (434 9/23 Miller-CA)  
 12095 \*1715 BBC EE; McCartney on McCartney, intvw w/ ex-Beatle Paul McCartney, 1745\* (555 9/26 Willers-Switzerland)  
 15070 1535 BBC EE; Desert Island Discs, intvw w/ Joan Armatrading (455 8/14 Willers-Switzerland)  
 15043 0150 Weekend Music R. EE; rock mx, Scottish-accented OM DJ, TC, ID, freqs, apologies for "lashup," live transmission, 0200\* w/ IS, address & "Scotland the Brave" mx (444 9/24 Karcheski-MA)

**VATICAN CITY Vatican Radio**  
 7125 0130 VR lang?; YL w/ ID @ 0130, // 9650 & 11750 (232 9/17 Kunkel-CA)  
 9605 0050 VR EE; tlk on Mother Theresa, honoring women (444 9/11 Miller-CA)  
 9645 0516 VR EE; Pope speaks on brotherhood of man to Papal visitors (333 9/7 Carson-OK)  
 11725 0310 VR EE; nx, general svce pgm (555 8/2 Gears-IL)  
 11830 \*2300 VR VV; IS, bells, OM w/ "da la dai plat than Vatican...", but quickly covered by Pyongyang co-channel s/on in CC, Vatican VV pgm continues on // 15105 (fr-unusable 9/30 Famularo-Japan)

There has been a slight change in the Scandinavian pgms from Vatican Radio. Either Danish or Norwegian is b/c on M, Swedish on Tu, W, Th & Sa and Finnish on F & Sa. All pgms are b/c @ 1915 on 1611 MW, 6185, 9755 & 11715. (Lars Rooth, Vatican Radio, SCDX electronic edition #2060 via ANARC BBS) VR new sked shows EE @ 0200 on 11750 & @ 1500 on 17870, Hindi @ 0115 on 7125 & 1430 on 11955. (Salil Kumar Paul via SCDX electronic edition #2062 via ANARC BBS)

**YUGOSLAVIA Radio Yugoslavia**  
 9660 2211 RY EE; discussion on drugs & terrorism in Colombia (444 9/24 Cichorek-NJ)  
 11735 0028 RY EE; comments on comets, fluorocarbons, ecology rpt (444 9/15 Levison-PA) 0004 EE; nx, elections in Norway, Brazil will default on debt payments, comtry on the E. German refugees (333 9/11 Brown-IL) 0038 EE/ tlk about opera, EE off @ 0044, ment Yugoslavia before opera mx & tlk (444 9/11 Miller-CA)  
 15105 2102 RY EE; nx, Bonn/Berlin relations during exodus of East Germans, demilitarization of Hungarian borders (242 9/16 Wright-NF)  
 25795 1204 RY EE; comtry on 9th non-aligned summit, changes in statutes (333 9/10 Cichorek-NJ)

R. Yugoslavia b/c in EE to Australia & NAM 1300-1330 15325, 15165, 11735; 1930-2000 11735, 7125, 5980; 2200-2245 9660, 9620, 7215; 0100-0145 11735, 6005, 5980. (monitored by Eugene Gabers (sp?), BRT Radio World 10/2)

*3's Janil*



Looks like the DX season is finally upon us, as we have a much better turn out this month. I received the new Passport to World Band Radio, so I now have an updated site source. Submitting to convention, I will now use "PWBR" instead of "RDI" as the abbreviation for this source. I have much more info, but first let's look at this month's selection of excellent loggings.

**USSR Radio Moscow Radio Kiev Radio Vilnius Radio Tashkent  
Radio Station Peace and Progress Radio Yerevan**

- 4395 1243 RM (DS2)-Yakutsk (ILB): RR; M tkl in RR (455 9/9 Kunkel-CA)  
 4810 1355 RM-Vladivostok (ILB): KK; RM IS @ 1400 into M/W tkl (353 9/9 Kunkel-CA)  
 5015t 0259 RM (DS2)-Arkhangelsk (ILB): RR; IS, Kremlin Bells, s/on w/ choir singing "The Internationale", W @ 0304 (242 9/29 Kunkel-CA) (Rolan, I think it more likely this is Vladivostok, unless they were off for some reason. Was there any co-channel GRM? -ed)  
 5940 1000 RM (DS2)-Magadan (ILB): RR; tkl, TP, mx, RTTY GRM (112 9/22 Miller-CA)  
 6035 1325 RM (DS1)-Vladivostok (ILB): RR; IS, W tkl, !! 6115 (252 9/10 Kunkel-CA)  
 6070 1318 RM: EE; in LSB, USSR poll indicates they don't want any new nuclear power stations (454 9/10 Kunkel-CA)  
 6155 1250 RM (DS2)-Nikolayevsk (PWBR): RR; IS @ 1300, W tkl to 1303 into lively mx (252 9/10 Kunkel-CA)  
 6175 1255 RM (DS2)-Khabarovsk (ILB): RR; harp mx to 1258, silence to IS @ 1300 (353 9/10 Kunkel-CA)  
 6994.7t 0007 R. Baku?: ??; M/W tkl, short mx bridge, 0029 stringed instrument heard, @ 0030 presumed ID, more tkl, best in LSB (222 10/6 & 10/10 Cichorek-NJ) (A check of this freq. on 10/15 @ 0010 turned up nothing at my QTH. Any ideas on this one folks? -ed)  
 7165 0110 RM: EE; W w/ mailbag pgm, over R. Liberty (333 9/17 Kunkel-CA)  
 7200 2253 RM (DS1)-Zhigulevsk (PWBR): RR; tkl abt America (433 9/26 Bishop-NY)  
 7240 0359 RM-Khabarovsk (PWBR): RR; descending scale IS - is this new?, "Govorit Moscba" ID, ARO GRM (333 9/20 Kunkel-CA)  
 7290 0150 RM: EE; RR folk mx then modern pop mx, W ID @ 0158, IS (Kunkel-CA)  
 7400 2345 RK-Kiev (PWBR): EE; "Ukraine Today" - an exhibition of US artists in Kiev (343 9/4 Fraser-MA)  
 9470 1905 RM: EE; W w/ nx - official cease-fire in Lebanon, ID @ 1907 (222 9/23 Cichorek-NJ)  
 9505 1639 RM (DS2)-Alma Ata (PWBR): RR; EZL mx, !! 9530 (354 9/16 Kunkel-CA)  
 9560t 1125 RSP&P: CC; M & W in CC, @ 1134 "Be My Love" sung in EE, more mx, ID(?) @ 1200 by M & W (323 8/12 Cichorek-NJ)  
 9610 2323 RV: EE; amateur radio pgm, ID & freq's @ 2328 (444 9/23 Cichorek-NJ)  
 9610 2336 RK: EE; ID, cmtry on Boris Yeltsin's US visit, "Open Studio" pgm @ 2340 (444 9/15 Cichorek-NJ) (Wright-NF)  
 9765 2225 RM-Lvov (ILB): EE; discussion of vegetable production on Riga state farms (444 9/24 Cichorek-NJ)  
 9855 1659 RM: RR; W w/ "Govorit Moscba" ID (353 9/16 Kunkel-CA)  
 9895 1059 RM-Petrovavlovsk (ILB): JJ; IS & ID @ 1100, M nx (322 10/4 Cichorek-NJ)  
 11675 0350 RM: EE; songs by 7 year old child, ID, "Midnight in Moscow", wld nx "News & Views" (333 8/19 Dillon-Greece)  
 11675 0252 RY: EE; nx bcst (544 9/12 Gears-IL) (ID? -ed)  
 11730 1945 RM: EE; tkl abt 50th anniversary of Soviet-Nazi Non-aggression Pact (454 9/1 Fraser-MA)  
 11920 0140 RM-Tashkent (PWBR): SS; noticias, ID @ 0143, diff. pgm than 11930 - booming in w/ 500 KW xmitter (11930 is "only" 100 KW) (444 10/15 -ed)  
 11930 0132 RM-Ashkhabad (PWBR): SS; M w/ nx, ment. Moscu, mx, W ID (323 10/15 -ed)  
 11940 1216 RM-Blagoveshchensk (PWBR): Thai; M/W tkl, mx bridges, more tkl, freq. anmts & ID (?) @ 1230, poss. nx briefs @ 1250, guitar mx, RR IS @ 1259 (322 10/6 Cichorek-NJ) (PWBR 90 lists CC at this time. Be sure not to confuse this with Kampuchea on 11938 -ed)



12010 1603 RM-Petropavlovsk (ILG): EE; nx, "Inside Report" - visit to KBG HQ! (Perestroika & Glasnost at work -ed) (332 9/14 Carson-OK)

12030 0540 RM-Petropavlovsk (PWBR): EE; tlk abt people emigrating back to the USSR (545 9/21 Miller-CA) (Dillon-Greece)

12040 1920 RM-Sverdlovsk (PWBR): II; ID, tlk abt someone named Rijkov, class. mx (444 8/11 Dillon-Greece)

15180 1302 RSP&P: EE; W w/ nx round-up, ID @ 1310 & nx abt Belgrade Conference of Non-Allied countries (333 9/9 Cichorek-NJ)

15180 0224 RK-Komsomolsk (ILG): EE; Ukrainian mx (333 9/21 Reeves-OR)

15265 0535 RM: CC; M/W tlk, !! 15570 (454 9/29 Kunkel-CA)

15405 2340 RM-Petropavlovsk (ILG): EE; tlk abt USSR budget deficit, Yeltsin & Supreme Soviet, ID @ 2344, !! 15425 (343 9/24 -ed)

15410 0450 RM: EE; Opera/Bolshoi pgm, same as 21470 @ 0350 (222 9/30 Kunkel-CA)

15425 0000 RM-Petropavlovsk (ILG): EE; nx on Gorbachev & Shevardnadze (545 9/22 Reeves-OR)

15455 0420 RM-Baku (ILG): EE; anmt of Moscow rock concert featuring Bon Jovi, Scorpions, Ozzy Osborne! (my kind of mx -ed), nx in brief, "Yours for the Asking" (444 8/12 Dillon-Greece)

15460 1207 RT-Tashkent (ILG): EE; rpt on Gorbachev's speech at Supreme Soviet, ID @ 1212, listener's letters (333 8/5 Cichorek-NJ)

15525 0455 RM: CC; light RR mx, M/W "Moscu diantai" ID @ 0459 (454 9/29 Kunkel-CA)

15570 1432 RM: FF; "African Panorama", ID, new Soviet products & research (433 8/6 Dillon-Greece)

15585 1415 RM-Lvov (PWBR): EE; "News & Views", violin mx (444 8/6 Dillon-Greece)

17595 1650 RSP&P: EE; sked, ID, telefax #, request for reports, RM IS @ 1657, into RM afro svc (444 8/19 Dillon-Greece)

17765 0217 RK: EE; cmtry on national languages (444 9/21 Reeves-OR)

21470 0350 RM: EE; pgm on Bolshoi & opera charity pgm for Armenian Fund, s/off @ 0358 (555 9/30 Kunkel-CA)

21630 1707 RM: EE; wld nx, "R. Moscow African Service" ID, "Africa As We See It" - W tlks on political situation in Angola & AIDS in Zimbabwe (fr 9/22 Famularo-JP)

21690 0100 RM-Irkutsk (PWBR): EE; wld nx (252 8/9 Stroh-IL) (Miller-CA)

21785 1658 RM: ??; IS @ 1659, drums & trumpets, "Govorit Moscba" ID (232 9/9 Kunkel-CA)

21790 0145 RM: EE; mx pgm (453 8/9 Stroh-IL) (More details Please -ed)

21830 0405 Radiostantsiya Rodina: RR; M w/ variety mx (353 9/29 Kunkel-CA)

25780 0520 RM: EE; press comments on new opposition group in Soviet parliament, ID, nx in brief (444 8/6 Dillon-Greece)

Relays Received:

4765 @ 0842 - Havana, Cuba 11710 @ 2310 - Havana, Cuba  
 11750 @ 2300 - Plovdiv, Bulgaria 11840 @ 2202 - Havana, Cuba

Un/Mis Identified:

6045 @ 0250 in GG - DX pgm : Not listed in any reference I have,  
 : Any Ideas?  
 6115 @ 1307 in CC - mx & tlk : This is PRC "Voice of the Straight"  
 7175 @ 0113 in RR - W tlk : Again, not listed anywhere  
 9640 @ 1510 in EE - cmtry : I think this is Pyongyang, not RM  
 9750 @ 2205 in RR - nx, ID : This is Radio Liberty, they ID in RR  
 : as "Radio Svaboda"  
 11895 @ 0059 in RR - IS, s/on : Under VOA, no RM listed here

That does it for this months logs, which included the October CDE logs. I received a letter at the end of September from Bernd Friedewald, publisher of the International Listening Guide. He stated why the ILG has been missing and when we can expect its return. It seems that the ILG was undergoing some massive computer database modifications which took longer than expected (2000 hours!). The modifications have been completed, and the S89 edition will be out "After September 27th". Bernd says all current subscriptions will be extended by TWO editions. Now at least we know the status of the ILG, as we wait for the S89 edition to arrive.

Radio Kiev S89 Sked: 1800-1830 to Europe on 9600, 7240, 7205, and 7150 kHz. At 2330-2400 & 0200-0230 on 17690, 17665, 15180, 11675, 9800, and 9610 kHz. Also heard are unannounced 7400 @ 2330 and 11790 @ 0200. (T. Sundstrom and Salil Kumar Paul, SCDX 2062, via ANARC BBS).

It's nice to have enough material to fill up two pages again, hi! Have a good Thanksgiving and see you in December. -Jason

# AFRICA

Editor: Don Thornton

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Oh great! Just before sitting down to type this column my typewriter breaks down and I have to borrow this one from my father-in law. Its not that there is anything wrong with this one, except that the non-interchangeable typing element is the smaller elite size type rather than the much preferred pica, so I'd like to start by apologizing for anyone getting eye strain, and to let you know that I hope to have the larger size type for December's column. Not a great start, is it?

Well, for anyone who didn't see the announcement last month, I'm Don Thornton, your new AFRICA column editor, and I wasn't the least bit nervous about the whole idea until about five minutes ago. For those of us who haven't been introduced, I'm 39 years old (like Jack Benny, except that I really am, at least until next spring) married, a number of cats, two dogs, no kids. I work as a lawyer in the claims litigation department of a large insurance company. My XYL does the same thing for a different company.

Before starting, I'd like to offer my thanks to Al Quagliari both for the outstanding job on this column for the past four years, and for his advice and help in getting me started. What a hard job it is going to be trying to fill Al's shoes! There should be some room to chat at the end of the column but first let's see what the loggings look like for this month!

## ALGERIA

7145 2148 RTVA: SW: OM tx w/European mx. Lots of QRM (322 9/26 Bishop-NY)

## ASCENSION ISLAND

6005 0010 BBC: EE: Report of refugee problem in West Germany, report on talks in Lebanon (322 9/29 Brown-IL)

15160(t) 2106 BBC: EE: "Sports roundup" (333 9/11 Westenhaver-PQ). Sorry to hear the sad news about your father's death, Bill. Bill lists this site a tentative since the most recent London calling listed EE on this freq. from here only until 2030-ed.

15260 0237 BBC: EE: Roundup of science news; description of a new anti-body; new technique for test tube babies. (333 10/1 Brown-IL)

15390(t) 0303 BBC: EE: World Service nx read by Pam Creighton (243 9/8 Westenhaver-PQ) (t) for same basic reason as above-ed.

## BENIN

4870 2150 ORT DU BENIN: FF: Afro rythems, drums 2152 OM ments of Benin, tx, more mx, UTE QRM. (333 10/17 Cichorek-NJ)

## BOTSWANA

4830 0355 RB: SET?/EE: Barnyard IS, NA 0358 s/on in SET, then EE freq and program sked. //7255 vy weak w/QRM (353 10/10 George-MA)

4830(t) 0610 RB: SET?: Lots of tribal mx and tx by OM; apparent ad string, lots of QRM. No familiar barnyard ID. (Peggy, I can understand your disappointment ed.) (242 9/25 Thompson-CA)

## BURKINA FASO

4815 0529 RTV BURKINA: LL: NA, mx w/native instruments, followed by vocals. (343 Kunke1-CA)

4815 2331 RTV BURKINA: FF: OM tx, then into FF African Song (433 9/27 Bishop-NY)

## CAMEROON

4000(p) 2155 CRTV BAFUSSAM: FF: Hi-life mx thru 2200 & IS @ 2203, followed by nx, then European and US pop mx @ 2217. Hvy UTE QRM-USB best. Have listened many times, but have yet to catch the magic word "Bafoussam" in the ID. (212) George-MA)

## CHAD

4904.5 2120 RADIODIF NATIONALE: FF: African mx, TCs, nx at 2131, more mx at 2137 (343 9/2 Rogers-MA)

4905 2150 RADIODIF NATIONALE: FF: Afro rythems, ID @ 2130 presumed nx w/ment of Chad 2134 ID and into pop mx (Michael Jackson) (333 10/17 Cichorek-NJ)

EGYPT9475 0215 RADIO CAIRO EE: Mx & ID (322 9/5 Abramowicz-NJ)GABON

7160 2135 RFI: FF: Two MM talking (433 9/26 Bishop-NY)  
 9580 1910 AFRICA #1: FF: OM announcer in FF, pop mx, casual ments of Gabon, Otis Redding song (222 9/16 Cichorek-NJ)  
 11765 2337 RADIO JAPAN: EE: Description of Japanese mx. (333 9/29 Brown-IL)  
 15475 1929 AFRICA #1: FF: Nonstop Afropop & soul mx; nx @ 2000; //9580 heard by 2000; 2058\* (343 9/12 Westenhaber-PQ)  
 21700 1510 RADIO JAPAN: EE: News, finance and trade report. ID at 1511. Discussion of Japanese business in USA. (222 9/16 Cichorek-NJ)

GHANA

3366 2235 GBC-2: EE: Elvis and other oldies, s/off w/NA @ 2305 (242 9/3 Rogers-MA)  
 3366 2154 GBC 2: EE: Commentary on African topics; EZL mx, ID @ 2200, TC, regional nx, Afro-pop mx. (454 9/7 Karcheski-MA)  
 4915 0534 GBC-1: LL/EE: Choir mx, OM ments Ghana; tribal and hi-life mx. Drum IS. TC & ID followed by nx in EE at 0600 (343 9/25 Thompson-CA)  
 4915 2245 GBC-1: EE: nx to 2254, Afro mx, into prog. in vern. (444 9/18 Rogers-MA)

GUINEA REPUBLIC7125 1445 RTV GUINEENNEE: FF: OM with dreamy mx; @ 1450 heroic mx ID at 1500 "...Ici Conakry..." Beijing s/on @ 1458 buries Conakry- but it was barely readable @ 1500 (343 Kunkel-CA)LIBERIA

4760 2200 ELWA: EE: BBC nx followed by local nx at 2210. OM w/ religious program inc. choral mx, time and freq. info followed by NA 2229\* (222 9/15 Thornton-NJ)  
 7135 2012 VDA: FF: FF African mx, then "Jackie Wants to be a Star"; nx in FF (433 9/22 Bishop-NY)  
 15600 2149 VOA: EE: Report on attempts to ban certain books in US schools, report on 25 movies added to the Library of Congress. (232 9/23 Brown-IL)

MADAGASCAR5010 0232 RTM: MM: OM (the same OM who I couldn't ID what LL he was speaking in last Jan.) tx w/ ballads (242 9/21 Kunkel-CA)MALI

4835 2133 RTV MALIENNE FF: OM giving giving freq sked; YL reading nx (433 Bishop-NY)  
 11715 0307 RADIO BEIJING EE: Celebration of China's 40th anniversary of Communist rule in China, ID; Report on a ceremony in Tiananman Square. (444 10/1 Brown-IL)  
 15130 0308 RADIO BEIJING EE: World nx inc. tx on Afghanistan; financial scandal in Greece. (544 9/15 Miller-CA)  
 15130 0002 RADIO BEIJING EE: Tiananman Square reopened & decorated w/flowers; Party leader Jian wants "peaceful re-unification" w/Tiawan and "won't rule out the use of force to achieve it" //17714.2 (333 9/26 George-MA)  
 15130 0315 RADIO BEIJING EE: New policy of leniency for people confessing to economic crimes. ID @ 0321 (444 9/15 Cichorek-NJ)  
 15150 0000 RADIO BEIJING EE: IS, EE ID, nx - Chinese leaders make comments on the foreign media and its distortion of China; Foreign Minister says China won't be pressured by outsiders. (322 9/29-Brown-IL)  
 17715 0045 RADIO BEIJING EE: First part of a special program on the 40th anniversary of the Peoples Republic of China (444 9/19 Fraser-MA)

MOZAMBIQUE

3338 0250 RADIO MOZAMBIQUE LL: IS which sounds like a bassy flute w/OM ID in PP. More IS, s/on @ 0255 in unknown LL, weak signal w/ hvy QRM. (232 10/1 Kunkel-CA)  
 3280(t) 0250 EP DE SOFALA LL: No ID heard. Tribal mx w/OM announcer beneath 3 OM w/numbers station in SS & EE (232 10/1 Thompson-CA)

NIGER

5020 (t) 0020 LA VOIX DU SAHEL VN/FF: Vn mx; Vn Om tx; Vn bridge mx; OM tx in FF 0040 (454 9/24 Karcheski-MA)  
 5020 2208 LA VOIX DU SAHEL FF: Western r/b mx, then Debbie Gibson mx. OM w/ID @ 2220 (232 9/8 Thornton-NJ)

NIGERIA

4770 2250 RADIO NIGERIA EE: Western style pop mx; nx in EE at 2355 several IDs given by YL. 2300\* (232 9/5 Thornton-NJ)  
 4990 2200 RADIO NIGERIA EE: YL w/nx, ID @ 2203; EZ listening rock mx (353 Karcheski-MA)  
 6050(t) 2223 FEDERAL RADIO CORP. Tribal mx. Lost in QRM @ 2332. (222 9/9 Thornton-NJ)  
 7255 0502 VOICE OF NIGERIA EE: Western Style country mx;; "Evergreen", Afro pop mx; YL named Janice said "goodbye!" @ 0520 (333 9/16 Miller-CA)  
 7255 0521 VOICE OF NIGERIA EE: African mx program ID @ 0529, then native drums into nx; 0540 commentary on world literacy day (434 9/7 Carson OK)  
 7255 0555 VOICE OF NIGERIA EE: music and nx program. (433 9/6 Gears-IL)  
 7255 2158 VOICE OF NIGERIA FF: Hi-life mx until 2159; then s/off annx by YL and apparent botched attempt to play NA. (433 9/18 Lackmann-VA)

SIERRA LEONE

3316 2316 SEBC EE: 'Good night' at 2317, closed down z/NA (322 9/27 Bishop-NY)  
 3316 2255 SLBC EE: Religious program in EE OM w/US accent @ 2300 "this is the Sierra Leone Broadcasting Service, TC, world nx. (243 10/1 George-MA)

SEYCHELLES

-7275 0132 FEBA TAMIL: Mx. ect. ID @ 0200\* (232 9/17 Kunkel-CA)  
 7275 0135 FEBA TAMIL: Nice music; very good audio OM & YL announcers, ID @ 0200\* (444 9/29 Kunkel-CA)

SOUTH AFRICA

3230 0254 SABC VERN: IS to 0300 s/on // 4810; mx at 0308 (343 9/22 Kunkel-CA)  
 3320 0230 R. ORION VERN: Dull piano mx followed by knee clappen' foot stompin' banjo mx. (I'm glad you enjoyed it, Rowlan ed.) (455 9/22 Kunkel-CA)  
 4880 0357 RADIO 5 EE: Joun Cougar Mellencamp, TC & ID; cigarette ad, Jerry Lee Lewis mx, (433 9/16 Cichorek-NJ)  
 4880 0340 RADIO 5 EE: pop & top 40 mx. CW WRN (322 9-24 Miller-CA)  
 4945 2150 SABC VERN: Afro pops; Radio RSA IS @ 2158, 2159\* (333 10/1 Miller CA)  
 7270 0455 RSA AF: Tx by OM: pop mx (545 9/15 Miller-CA)  
 11745 2255 RSA SS: IS, EE ID, Being SS programming (333 9/18 Brown-IL)  
 11855 0530 RADIO 5 GG: Announced "Radio 5 AM & FM stereo." OK I'll buy FM but AM stereo? My stereo light didn't even flicker! (555 no date, Kunkel-CA)  
 11900 1454nf RSA KAVENGO: 1500 EE ID start nx in Kavengo. OM ancr. Kavengo LL ID at 1505 into pop mx. (333 Carson-OK)  
 11930 0200 RSA EE: S/on, nx, inc. legal march in Capetown. (444 9/13 Carson-OK)  
 11935 0200 RSA EE: Nx and mx selections (444 9/19 Miller-CA)  
 17745 0422 RSA FF: IS to 0429 then NA followed by Xylaphone "Afrique I'll a Munde" program in FF (455 9/29 Kunkel-CA)  
 17745 1933 RSA: Program of South African pop, YL w/ID @ 1953 1954\*. QRM from Algeria (333 9/13 Westenhaber-PQ)  
 21535 1940 RSA EE: DX corner w/taped report from David Sharp. (433 9/10 Westenhaber-PQ)

TANZANIA

11734.3 1500 ZBC SW: S/on at 1500. Arabic sounding mx; YL "Tanzania-Zanzibar ID, brief hi-life mx OM w/nx ments "Dar Es Salaam". Neat fast paced AA style mx. (Fair 9/23 Famularo-JAPAN)

TUNISIA

7475 0400 RTV TUNIS AA: mx & conversation (453 9/9 Brown-IL)  
 7475 0256 RTV TUNIS AA S/on 0256. A bit of light mx, AA ID; OM announced freq.sked. 0259 Instrumental NA YL announ into Koran (444 9/10 Westenhaber-PQ)

ZIMBABWE

5012(t) 0358 ZBC LL: Carrier until 0359 then NA. very weak. OM announcer but ID not readable. (142 9/22 Kunkel-CA)

oops, I didn't realize this was going to be this messy!

EQUATORIAL GUINEA

6250 2030 RADIO NACIONAL SS: Heard the words "Radio Nacional" (222 9/26 Bishop NY)

FILL THAT GAP! Well, I'm sure that this has been the worst job of typing that you have ever seen in SPEEDX, but if you promise to send in your loggings, I promise to practice my typing. Deadling for direct submissions is the 12th, but I'll be happy to use anything I receive later than that if I haven't already typed the column. I can't use anything earlier than the first of the previous month, though. Next deadline is November 12th, so I can't use any logs earlier than October 1.

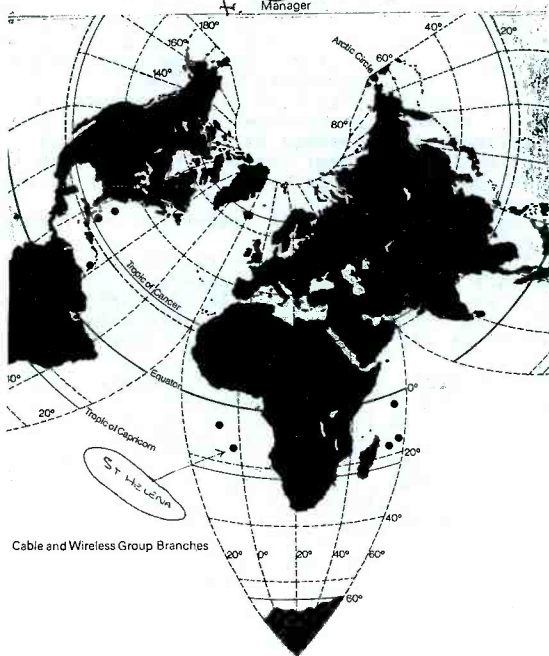
Contrary to what you may have been led to believe, you don't need a fancy kilobuck tabletop receiver to hear many of the 75 and 60 meter tropical band African (or, for that matter, Latin American) stations. A decent portable will do. The other evening I did a quick bandscan on a Sony 2010 using only the set's whip antenna. Between 2200-2230 I was able to log Sierra Leone on 3316, Ghana on 3366 and 4915. as well as Nigeria on 4990, Benin on 4870 and Mali on 4835. Believe me I am not trying to show you any supposed DX prowess, but rather just to remind everyone that you don't need fancy equipment to hear a lot of these stations and to participate in this column by sending in your loggings! Does anyone out in WCNA want to do a similar bandscan at around, say 0530? If you do, I'll try to print one. Same rules, portable radio only, no external antenna. Until next month, have fun listening!

73s and good DX, *dlon*

With reference to your report concerning a radio transmission on approximately ~~12.95~~ 12.30 Mhz/metres at 12.30 hours on 15-8-87 the transmission was from the ST HELENA branch of the Cable and Wireless Worldwide Communications Group. Transmissions are normally independent sideband with reduced carrier, transmitter powers being in the range 1 to 10 kw and it is our practice to use directional aerials where appropriate. The announcement which you heard was intended for our official correspondents operating international radio telecommunications services. May we draw your attention to the ITU Radio Regulations Articles 17/18 regarding secrecy of transmissions. Thank you for your interest.

Yours faithfully,

*[Signature]*  
Manager



William Westenhaver  
3525 Aylmer St., #610  
Montreal, Quebec, Canada  
H2X 2C1

Deadline: 12th  
Dates/Times: UTC  
Frequencies: KHz

# ASIA/OCEANIA

It's November again--and again, too, there are far too many loggings this month for the space available, so let me apologize in advance for condensing the most-logged countries. Before I get started, I'd like to say that I hope that all our readers and contributors in the Bay Area made it through the earthquake OK.

## AFGHANISTAN

4775 1355 KABUL CITY SERVICE: ??: Tlk in either Pashto or Dari; @ 1359 M ID ending w/"Kabul"; Afghan mx, etc. (343 9/9 Kunkel-CA)  
6125 1427 (p)KABUL CITY SERVICE: ??: M tlk to 1431; flute IS; then more tlk (242 9/9 Kunkel-CA)

## AUSTRALIA

VLQ Brisbane VLW Wanneroo Radio Australia

6140 1300 VLW6: EE: Lots of country mx ("still punchin' them doggies @ 1357--a whole hour of dust and moo") (444 9/10 Kunkel-CA)  
9660 1209 VLQ9: EE: Rpt on Sisters of Mercy order in Queensland; @ 1210 wx/ID; very weak and fluttery (222 9/30 Cichorek-NJ)  
15425 0909 VLW15: EE: Nx; ID/TC @ 0910 (343 9/4 Cichorek-NJ)  
RA was logged this month as follows: 5995 in EE by Miller-CA and ed.; 6080 in EE by Kunkel-CA; 9580 in EE by Fraser-MA; 9710 in JJ/EE by Wright-NF; 11800 in JJ by Wright-NF; 15245 in EE by Fraser-MA; 17795 in EE by Carson-OK, Cichorek-NJ, Langlois-FL; 21525 in EE by Carson-OK, Famularo-JAPAN and ed.; 21740 in EE by Carson-OK.)

## CHINA

Central People's Bcst Stn Radio Beijing RCI relay

3260 1328 GUIZHOU PBS: CC/EE: CC tlk; EE lessons @ 1330 (353 9/9 Kunkel)  
4525 1250 (t)NEI MENGGU PBS: MONGOLIAN?: W w/long sung story w/viola-like accompaniment; still going @ 1358; no positive ID (254 9/9 Kunkel-CA) (Is this one active again?-ed.)  
4975.2 1015 (p)FUJIAN PBS: CC: Long W tlks (444 9/30 Kunkel-CA)  
5075 2213 (t)CPBS-2: CC: W singing w/orchestra; @ 2215 into M CC tlk (343 9/24 Karcheski-MA) (Welcome to the column!-ed.)  
5880 1458 (p)CPBS-1: CC: Paul Simon song; "neato" Chinese TP on the hour; //FMing signal on 11965--being used as a jammer, it seemed (343 9/19 Hanson-WA)  
6140 \*1300 RB: RR: Opening routine w/"Govorit Pekin" ID; hrd through to 1357\* (444 9/10 Kunkel-CA)  
6150nf 1340 RCI relay: JJ: ID: "Canada Journal" w/rpt on drug abuse among Ontario students (444 10/4 Matsushita-JAPAN)  
7516 1529 CPBS-1: CC: CC mx (some vocals) and tlk (333 9/23 Reeves-OR) (Note: //7525 was SIO 111.) (Welcome to the column!-ed.)  
9565 1645 RB: EE: Px of CC mx w/w presenter; //15110 (via Mali?) (353 9/16 Kunkel-CA)  
9765 1655\* RB: RR?: Last few words before IS in what sounded like RR; dead air to \*1700 in CC (353 9/2 Kunkel-CA)  
11855 1421 RB: EE: "Ancient Chinese Architecture"; "Cooking Show" (433 10/7 Carson-OK) @ 1315 w/nx; ID; tlk on architecture; //11600 (to SPac) and 11660 (to SEASIA) poor (222 10/6 Cichorek-NJ)  
15210nf \*1259 RCI relay: EE: IS; theme mx; M ID/frq, px preview, nx; //11955 (444 10/5 Matsushita-JAPAN)  
15710 0438 (p)TAIWAN-1: CC: Western pops w/w presenter (353 9/29 Kunkel)  
15880 0434 (p)TAIWAN-2: CC: W tlk; @ 0435 piece of CC classical mx; then more W tlk (454 9/29 Kunkel-CA)

(Note: RB on 11685 in EE @ 0441 is via French Guiana; RB on 15130 in EE @ 0006 and 0321 is via Mali.-ed.)

CYPRUSBBC Relay

6180 0358 BBC: EE: "Song of the North"; mx @ 0400 (232 9/4 Kunkel-CA)  
 7135 0155 BBC: ??: Chromatic IS to \*0200 in unID lang (232 9/17  
 Kunkel-CA) (According to the sked, the lang was Pashto.-ed.)

FRENCH POLYNESIARFO Tahiti

15171 0305 RFO: FF/TAHITI: Lcl mx; ads for Jeep and Chocolate Crunch;  
 lcl mx w/mixed anmts to 0330; then into tlk in Tahitian (333  
 9/23 Forsgren-WI) (H1, stranger!-ed.) @ 0430 w/island mx;  
 strong het; //11825 not hrd (333 9/8 Miller-CA)

GUAMKSDAKTWR

9590nf 1600 KSDA: HINDI: Theme mx; M ID/address in EE; then subcontinent  
 mx w/M singer (444 10/3 Matsushita-JAPAN) (Yukimasa notes that  
 this frq replaces 13720 kHz 1400-1700.-ed.)  
 9650nf \*1301 KSDA: KK: M ID in EE; w choral theme mx; then w recitation  
 (454 10/2 Matsushita-JAPAN) (Yukimasa also notes that this  
 frq replaces 13720 kHz 1300-1400.-ed.)  
 11805 \*0930 KTWR: EE: "Sunday Live"; "Bible Readings"; "World Christian  
 Years" (242 9/10 Wright-NF)  
 11980 1200 KSDA: CC/EE: Fanfare; M tlk in CC; then EE ID/address in Hong  
 Kong; into CC rlg px (253 9/25 George-MA) @ 1628 in EE w/ID  
 and HK address; QRM de DW (332 9/4 Bishop-NY)  
 13720 1053 KSDA: EE: "It Is Written" rlg px; @ 1100 ID and Agat, Guam  
 address (232 9/24 Cichorek-NJ)

HONG KONGBBC Relay

21715nf 0720 BBC: EE: Tlk abt Thatcher's visit to Japan; this frq ex-17815;  
 7715280 (fr-gd 9/24 Famularo-JAPAN)

INDIAAll India Radio

7160 1415 AIR: EE/HINDI?: 1 kHz tone to 1418; IS to 1420 s/on; EE nx  
 1430-1434; then into (p) Hindi (555 9/10 Kunkel-CA)  
 7260 0128 AIR BOMBAY: HINDI: IS to 0130; M s/on anmts; then mx; listed  
 as Vividh Bharati px (343 9/28 Kunkel-CA)  
 9610 0128 AIR: HINDI: IS followed by M tlk; heavy QRM de Moscow (232  
 9/10 kunkel-CA)  
 9910 2110 AIR: EE: Tlk abt visit of GDR President to India/Seychelles;  
 my first logging of AIR! (433 9/27 Bishop-NY) (Congratula-  
 tions, woody!-ed.) @ 2215 w/cmtly on Indian unity; ID; heavy  
 QRM de BBC-9915 (222 9/27 Cichorek-NJ) (Almost psychic!-ed.)  
 11620 1915 AIR: EE: w story abt "Raja" w/mx accompaniment (544 9/24  
 Willers-SWITZERLAND) @ 1951 w/subcontinent classical/pop mx;  
 nx @ 2000; poor mod (322 10/5 Thornton-NJ)  
 11830 1513 AIR: ??: IS to 1514; W/M s/on w/"Yeh Akashvani" ID (232 9/10  
 Kunkel-CA)  
 15020 1258 AIR: ??/EE: AIR IS to 1300; M tlk ment Pakistan/Kabul; then  
 tlk/mx alternating to 1341, when into EE/?? tlk (354 9/23  
 George-MA)  
 15365 \*1213 AIR: CC: IS; M ID/frqs/nx; then subcontinent mx px w/w ID's @  
 1226/1238; //11810, 17785 (444 10/2 Matsushita-JAPAN)

INDONESIARadio Republik Indonesia

3215 1145 RRI MANADO: IN: M/w tlk interspersed w/w IN pops; off-hand  
 ment "Manado" @ 1153; @ 1200 SCI and into Jakarta nx (232  
 9/30 Forsgren-WI) @ 1156 w/light IN mx (252 9/17 Kunkel-CA)  
 3223 1325 (p)RRI MATARAM: IN: Light mx; M tlk and back to mx; still  
 going strong @ 1340 (242 9/9 Kunkel-CA)  
 4607 1040 RRI SEHUI: IN: M/w discourse; then M tlk w/echo mike; @ 1057  
 soft-spoken w w/ID; then SCI to 1100, when nx which sounded  
 recorded off-air (232 9/28 Forsgren-WI) on 4607.3 w/lcl mx;  
 (p) since no ID hrd (252 9/9 Kunkel-CA)  
 4753 1415 RRI UJUNG PANDANG: IN: M DJ w/SEAsian pops; yak; brief SCI  
 (fair 9/10 Howell-CA) on 4753.4a w/w tlk and IN mx; one of  
 the strongest RRI stns hrd here (455 9/9 Kunkel-CA)  
 4835 1433 RRI: IN: w nx (?); lots of ments of "Nasional" and "Jakarta"  
 (fair 9/10 Howell-CA)  
 4856 1415 (t)RRI PALEMBANG: IN: SEAsian chants/prayer; M tlk; horrible  
 hum on audio (poor 9/12 Howell-CA)  
 4871 1220 (t)RRI WAMENA: IN: Mellow W IN pops; M w/offhand "Wamena"; a  
 fanfare; then into interview @ 1233; weak and broken but  
 there! (222 10/8 Forsgren-WI)

IRAN VOIRI was logged as follows: 9022 in EE (Thornton-NJ) and SS (Kunkel-CA); 15084 in FARSI (Wright-NF); 15315 (t) in AA (Kunkel-CA).

IRAQ R. Baghdad was logged as follows: 9515 in EE (Brown-IL); (t) on 11880 in AA (Wright-NF); 13660 in EE (Willers-SWITZERLAND).

ISRAEL Kol Israel was logged as follows: 11605 in EE (Brown-IL), HH (Kunkel-CA and Wright-NF), and (t)RR (Bishop-NY); 15615 in EE (Bishop-NY and Langlois-FL) and HH (Kunkel-CA); 15640 in EE (Fraser-MA); 21760 in HH (Kunkel-CA).

JAPAN Nihon SW Besting Radio Japan RFI relay  
3925 1115 NSB: JJ: Mx; tlk; ads; QRM de hams in AM mode; still in @ 1400 (444 9/16 Miller-CA)  
6055 1630 NSB: EE: "Sunday Roundup" w/many short, light items abt Japan-- this px now airs 2130 JST Sats, plus 0130 JST Mons as "Weekly Roundup"--1650\*; //9595 (344 10/1 Hanson-WA)  
11735 1209 RFI: CC: W ID/cmt; pops w/w presenter; QRM'd by co-chan Pyongyang in SS and RK-11740 in CC (333 10/5 Matsushita-JAPAN) (Yukimasa also reports the following current sked for RFI bcsts via Yamata: FF @ 0925-1200 on 11735, 1025-1155 on 17705, 2255-0030 on 17710; CC @ 1200-1230 on 11735. Thanks!-ed.)  
11865 1506 RJ: EE: ID/frq anmt; nx (444 9/23 Reeves-OR) @ 1510 w/nx; ID; cmt on illegal foreign labourers in Japan (233 10/1 Berri)

JORDAN Radio Jordan  
9560 1700 RJ: EE: ID; much heavy disco mx (544 9/20 Willers-SWITZERLAND)  
11955 0250 RJ: AA: Prayers; @ 0300 ment Amman and nx to 0310; then AA mx (544 9/10 Wright-NF)  
13655 1140 RJ: EE: Pop mx; nx @ 1200; speech by King Hussein; px "Jordan Weekly" (444 10/7 Willers-SWITZERLAND) @ 1548 w/light mx; wx rpt for the desert--31°C (353 9/29 Kunkel-CA)

KOREA, D.P.R. Korean Central Best Stn Radio Pyongyang  
2850 1227 KCBS PYONGYANG: KK: Organ mx and operatic mx--"a Dear Leader love song, no doubt" (455 9/9 Kunkel-CA)  
RP was logged on 9600 in EE by Famularo-JAPAN; on 9977 in EE by Wright-NF; on 15160 in KK by Howell-CA.

KOREA, REPUBLIC OF RK was logged in JJ on 7275 by Miller-CA; on 9750 in EE by Carson-OK; on 15575 in EE by Bishop-NY, Carson-OK, Cichorek-NJ and Willers-SWITZERLAND.

KUWAIT Radio Kuwait  
7120 2045 RK: AA: M chanting (433 9/26 Bishop-NY) (ID?-ed.)  
11665 1907 RK: EE: Variety of mx; ID @ 1916; more mx; Qur'an reading @ 1946; //21675 (333 9/24 Cichorek-NJ)  
15505 1226 RK: AA: AA mx; W tlk; children's choral singing; //21675 (pr-Tr 9/21 Famularo-JAPAN)  
21675 0354 RK: AA: AA mx; "Huna al-Kuwait" ID (454 9/30 Kunkel-CA) @ 1820 in EE w/pop mx; W nx @ 1830; ID/frqs (433 10/5 Willers)

LEBANON Voice of Lebanon  
6549.3 1755 VOL: AA: AA mx; W tlks to people on phone; lots of ads; W nx @ 1815 (333 9/25 Willers-SWITZERLAND) (p) on 6549.4 @ 0310 w/jazzed-up version of Mozart's Symphony #40 sung By W in AA (232 9/24 George-MA) (I'd have liked to have heard that!-ed.)

MALAYSIA Radio Television Malaysia Voice of Malaysia  
6050 1446 RTM SIBU: ??: Qur'an recitation; also hrd //4895 and 7270 From RTM Kuching (444 9/10 Kunkel-CA)  
15295 \*1030 VOM: CC: IS; EE ID "This is the Voice of Malaysia"; into CC nx/mx (454 9/10 Card-RI) @ 0759 in EE w/ID "You are tuned to the Voice of Malaysia"; then nx (253 9/20 George-MA)

NEW ZEALAND RNZI was logged on 11780 in EE by Famularo-JAPAN; on 17705 in EE by Carson-OK and Cichorek-NJ.

OMAN Radio Oman BBC Relay  
9735 2350 (t)RO: AA: Qur'an; Mideast mx; M tlk; mixing w/Paraguay (poor 9/23 Howell-CA)  
15235 \*0327 BBC: AA: Tonic "B-B-C" IS; M tlk in what sounded like AA; very weak; QRM'd by Libya (very poor 9/29 Howell-CA) (Joe, the BBC sked lists this as Swahili, not AA.-ed.)



PAKISTANRadio Pakistan

- 6070 1605 RP: EE: W world nx and "R. Pakistan Rawalpindi" ID; then national nx/tlk; Urdu ad or PSA @ 1615 (pr-fr 9/29 Famularo)
- 11570 1726 RP: EE: M nx; lcl mx; TC/ID (433 9/18 Willers-SWITZERLAND)
- 15605 0445 (t)RP: URDU: M tlk followed by px of Urdu mx; no ID hrd; rapid flutter on signal (242 9/29 Kunkel-CA)
- 17760 0230 RP: EE: Slow-speed nx w/mostly local items; ID as General Overseas Service of RP (222 9/24 D. Jones-TN)
- 21575 0725 RP: BURMESE: Slow choral singing; tlk; SEAsian mx; "R. Pakistan" ID's before/after 0800 TP; back on this frq after a few months on 21475 (pr-fr 9/21 Famularo-JAPAN)

PAPUA NEW GUINEA

- 3205 1130 R. WEST SEPIK: PD: M local/national nx to 1147; then lcl mx of log pounding w/male chorus; in the mud by 1150 (232 9/21 Forsgren-WI) @ 1154 w/similar mx (353 9/17 Kunkel-CA) (Ray also notes that they're using the name "R. Sandaun".-ed.)
- 3325 1047 R. NORTH SOLOMONS: PD: Mix of vocals (some EE) and M tlk to 1100; then ID and (p) W nx; signal nosedive @ 1103 and gone by 1107 (252 9/9 D'Angelo-PA)
- 3365 1028 R. MILNE BAY: PD?/VERN?: Mix of tlk/lcl vocals peaking around 1030 and fading by 1042; ID noted @ 1030 as M tlk w/piano mx in background (252 9/9 D'Angelo-PA) @ 1150 in EE w/mix of lcl mx/country oldies; @ 1200 nice ID "R. Milne Bay--the Voice of Kula"; some ute QRM (322 10/8 Forsgren-WI)
- 3385 1022 R. EAST NEW BRITAIN: PD: Brief tlks; ID @ 1030 and western pop vocals; this is the first PNG audible and stays in the longest (353 9/9 D'Angelo-PA)
- 3395 1150 R. EASTERN HIGHLANDS: PD: Request/dedication px w/lots of "highland" vocals (222 10/7 Forsgren-WI)

PHILIPPINESRadio Veritas Asia

- 15445 1501 RVA: EE: ID/frqs; M nx (232 9/1 Cichorek-NJ)
- 17790 0259 RVA: HINDI: EE ID; inst mx; @ 0300 Indian flute; W ID/frqs in Hindi; M ID; //15360 (fair) (fr-gd 9/23 Famularo-JAPAN)

SAUDI ARABIABest Service of the Kingdom of Saudi Arabia

- 9720 1931 BSKSA: EE: W hosts pop mx px; M ID @ 1946; QRM de RFE-9725 (222 10/1 Cichorek-NJ)
- 15060 0233 BSKSA: AA: Folkish Mideast mx; W tlk; theme mx (fair 10/2 Howell-CA)

SINGAPORE

BBC relay logged on 3915 in IN by Miller-CA; in EE on 9740 and 11955, both by Kunkel-CA.

SOLOMON ISLANDSSolomon Islands Best Corp

- 5020 1028 SIBC: VERN/EE: Vern mx w/EE anmts; TC @ 1054; RA nx relay 1100-1109; then flute-like pipe IS; more EE tlk; signal fadeout (333 9/10 Karcheski-MA) @ 0950 in EE w/rlg/choral songs (e.g. "I Saw the Light"); 9545 not hrd (444 9/10 Miller-CA) (At last, a pair of psychic DX'ers!-ed.)

SYRIARadio Damascus

- 9950 2030 RD: EE: M w/local TC; then "Damascus R. presents some Arabic literature, a weekly programme" (333 10/1 Thornton-NJ)

TAIWANCentral Best System Voice of Asia

- 6087 1316 CBS-4: CC: CC pops w/w announcer; jammed (333 9/10 Kunkel-CA)
- 6180 1252 CBS-2: CC: Classical CC opera mx; anthem @ 1302; heavy jamming (233 9/10 Kunkel-CA)
- 7445 1119 VOA: EE: M/W ancrs w/Sept. and Oct. contests; classical orch mx; @ 1130 ID/nx (222 9/24 Cichorek-NJ)
- (Note: VOFC on 5950 @ \*0700 in EE is via WYFR.-ed.)

THAILANDRadio Thailand

- 7115 1441 (t)RT: THAI: Light lcl vocals w/w; no ID hrd (252 9/9 Kunkel-CA) (Note: HS Programme 1 is listed on this frq.-ed.)
- 9655 1123 RT: EE: Mx; ID's @ 1126 and 1130 "This is R. Thailand, R. Thailand External Service..." (222 10/7 Russell-AL) (Welcome back to the column, Richard!-ed.)

TURKEY

VOT was logged on 9445 in EE by Brown-IL, Fraser-MA, Woering-MA; and in Turkish by Wright-NF.

UNITED ARAB EMIRATES Voice of UAE Abu Dhabi was logged in EE on 9595 by Wright-NF; on 11985 by Brown-IL, Cichorek-NJ, Miller-CA; on 13605 by Brown-IL, Famularo-JAPAN, Woering-MA; and in AA on 15395 by Kunkel-CA.

UAE Radio Dubai was logged on 17775 in EE by Famularo-JAPAN; on 21605 in AA by Kunkel-CA and in EE by Carson-OK.

VANUATU

Radio Vanuatu

7260 0835 RV: BISLAMA/EE: EE pops w/M vern tlk between; @ 0900 conch shell sound and EE nx (333 9/15 Miller-CA) (t) @ 0902 w/hymn (same tune as WYFR's theme) and M vern tlk; @ 1100 retune TP and M vern tlk; off 1110 w/NA (242 9/17 George-MA)

VIETNAM

Voice of Vietnam

10011 1519 VOV: CC: M tlk; then VV mx; heavy ute QRM (433 9/9 Kunkel-CA)  
10060 1520 VOV: VV: Px of VV mx; very weak modulation (353 9/9 Kunkel)  
15010 2330 VOV: EE: W ID/frqs; M nx/cmty on Cambodian elections (222 9/30 Cichorek-NJ) on 15009.6 @ 1916 in EE w/cmty on Cambodia; much VV mx; 1927\* (433 9/30 Willers-SWITZERLAND)

YEMEN ARAB REPUBLIC

Radio San'a

9780 0300 RS: AA: ID/frq anmt; prayers; @ 0313 M monologue w/ments Muhammad (434 9/4 Cichorek-NJ)

CLANDESTINE

7125 \*1400 R. DEMOCRACY: CC: M slogan; opening mx and W ID 4 times; M/W cmty; chorus and W ID @ 1411; 1412\* (343 10/5 Matsushita-JAPAN) on 7125.7 @ 1548 w/M/W tlks ment Shanghai; fast-tempo choral singing and clear W "Minzhu guangbo diantai" ID @ 1556; 1557\* (pr-fr 9/23 Famularo-JAPAN) (This de Taiwan.-ed.)  
9527 1559 NEW STAR NO. 3: CC: Flute IS; then W ID sounding like "Zing-zing guangbo diantai disi..." (444 9/16 Kunkel-CA)

UNIDENTIFIED

3255 1326 ??: Indian-sounding mx to 1330; no ID; any chance it's AIR Shillong? (232 9/9 Kunkel-CA)  
4800 1215 EE: EE church services w/Polynesian-style choir (or something similar); faded out by 1220; no ID; not hrd since (333 9/17 Kunkel-CA)  
13665 0540 AA: Classic AA oboe mx; then Urdu-sounding mx; M/W tlk @ 0545; faded 0555; maybe Pakistan? (232 9/29 Kunkel-CA) (Can anyone help Rolan out with any of these?-ed.)

There should be enough space left to launch the first-ever A/O Loggings Contest, postponed from last month. The rules are simple enough for everyone to participate, to wit:

- (1) During the month of November (UTC), make a logging of any Radio Australia broadcast on any 9 MHz frequency.
- (2) Write up the logging strip and send it directly to me. (You can send other loggings via the CDE if you wish.)
- (3) Please make sure to put your chest measurement or T-shirt size on the back of the strip.
- (4) Make sure that your entry reaches me by 12 December.

That's it. I'll draw from the correct entries on or shortly after 12/12, and the winner--or winners, if my budget stretches that far--will receive a genuine CKUT-FM T-shirt. (For newcomers to the column, that's the Montreal FM station on which I co-host a weekly show about shortwave radio.) I hope that there will be a lot of entries. Imagine! You could be the first DX'er on your block to wear the T-shirt of a station you've never even heard! Impress your friends! Knock their eyes out at the next DXpedition!

Thanks to everyone who loaded me down with loggings this month. It looks as if the prime DX season is getting off to an early start; I hope that that bodes well for the quality and quantity of loggings this winter. Don't forget that, even if the column is full already, there's always room for a few loggings, so don't hesitate to send them along. They're always more than welcome.

Thanks, too, for your cards and letters of condolence on the death of my father; they were very much appreciated.

See you next month!

# QSL REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

## AFRICA

- LIBYA R. Jamahiriya: 15235 & 15450 f/d cd in 170 ds for 3 ircs. (Blight-MD).
- MALI RDTV Malienne: 4835.3 p/d Map cd in 69 ds for \$1. (Willers-SW).  
R Beijing Relay: 9770 f/d Tientan Park cd in 18 ds for 3 ircs. (Stroh-IL). 15130 f/d Embroidered Cloth cd w/ paper cutting in 19 ds. (Levison-PA).
- NIGERIA VoN: 7255 f/d Murtala Airport cd in 73 ds for 4 ircs. (OK-Carson).
- SAO TOME e PRINCIPE R Nacional: 4807 f/d form ltr in 306 ds after many years of trying for a PP rpt & ms. V/S Antonio Sebastiana. (D'Angelo-PA)...nice one Rich!!
- SEYCHELLES FEBA: 11915 f/d Map cd in 92 ds for an irc. V/S R. Dugette. (Cichorek-NJ).
- SIERRA LEONE SLBS: 5980 f/d 2 page personal ltr w/ booklet in 101 ds after many f-ups for ms. V/S Emmanuel Ehirim. (D'Angelo-PA)...congrats again Rich!!
- SOMALIA R Mogadishu: 7200 f/d index cd w/ personal ltr in 180 ds for ms. V/S Mohammed Hassan Haan. (Eckert-PA)...good one John!!
- SOUTH AFRICA Radio RSA: 11805 f/d White Rhino cd in 24 ds. (Takahasi-JN). 25790 f/d Durban Beach cd in 15 ds. (Willers-SW). f/d cd w/ sked in 62 ds. (Cichorek-NJ). Radio 5: 11885 f/d SABC cd w/ sked & stickers in 32 ds for 2 ircs. (Carson-OK).

## ASIA

- CHINA R Beijing: 9440 f/d Ornament cd w/ pin in 30 ds. V/S Fan Fuguang. (Eckert-PA). 15130 f/d cd w/ sked in 35 ds. (Reeves-OR).
- CYPRUS B/C Relay: 17735 f/d Antenna cd w/ sticker in ?? ds for ms. (Card-RI).
- INDIA AIR: 11620 f/d Meenakshi Temple cd w/ form & sked in 49 ds. (Blight-MD). f/d Stone Sculpture cd w/ sked in 93 ds for 2 ircs. (Cichorek-NJ).
- INDONESIA RRI Jakarta: 11865 p/d Skeds cd in 21 ds for an IN rpt & ms. V/S Nazaruddin Sy. (D'Angelo-PA).
- ISRAEL KOL Israel: 11605 f/d Logo cd in 38 ds. (Bishop-NY). 15615 f/d cd w/ forms in 48 ds. (Bishop-NY). f/d Jerusalem cd in 67 ds. (Brown-IL).
- JAPAN R Japan: 11815 n/d Tanabata Festival cd w/ sked & form in ?? ds for an irc. (Carson-OK).
- JORDAN R Jordan: 9560 f/d World cd in 9 mo for a tape & 2 ircs. (PA-Eckert). f/d cd w/ sked in 237 ds for 2 ircs. V/S R. Alkhas. (MB-Wright). f/d cd w/ sked in 240 ds after f-up for an irc. (Card-RI).
- KAMPUCHEA VoK: 11938 p/d form ltr w/ personal ltr, sked, pennant & ms.: this sent via Hanoi, in 234 ds after f-up. Gave address as: The English Section, Overseas Service, Radio The Voice of the People of Cambodia, Phnom Penh, State of Cambodia. (D'Angelo-PA)...follow the bouncing country name; they are going by Cambodia once again!
- MALAYSIA VoM: 15295 f/d personal ltr w/ pennant & sked in 40 ds for 2 ircs. (Russell-AL). p/d personal ltr in 44 ds for \$1, which was returned, requesting not to send cash in future. V/S Fee A/P Lin Chew. (D'Angelo-PA).
- NORTH KOREA R Pyongyong: 6576 f/d Flower cd w/ books, flag & pennant in 110 ds. (Willers-SW).
- SOUTH KOREA R Korea: 9750 f/d Taekwondo cd in 26 ds. (Reeves-OR). 15575 f/d Duksoo palace w/ pennant & sked in 32 ds. (Cichorek-NJ). 3 f/d cds w/ goodies in from 34 to 70 ds. (Bishop-NY). f/d Annive rsary cd w/ goodies in ?? ds for 3 ircs. (Carson-OK).

- SRI LANKA SLBC: 11835 f/d Studio cd in 13½ mo for a tape & \$1. (PA-Eckert), DW: 17810 f/d "Special" cd in 62 ds. (Jones-TN).
- TAIWAN VoFC: 15345 f/d Visitors cd w/ stickers & newspaper in 44 ds for 2 ircs. (Carson-OK).
- U.A.E. Voice of UAE: 11965 p/d folder cd in 24 ds for 2 ircs. (MB-Wright). 13605 f/d folder w/ stickers & sked in ?? ds for 3 ircs. V/S Ahmed A. Shouly. (Carson-OK).
- VIETNAM VoV: 15010 f/d House cd in 106 ds (Willers-SW).

EUROPE

- AUSTRIA RAI: 9870 f/d Gail Valley cd in 48 ds. (Brown-IL). 9875 f/d Tyrol cd in 29 ds for an irc. (Gears-IL). f/d cd w/ skeds & forms in 47 ds (Bishop-NY). 13730 f/d Salzburg cd w/ forms in 54 ds. (Bishop-NY). 21490 f/d cd w/ forms in 40 ds for \$1. (Weber-OH).
- BELGIUM BRT: 5910 f/d Genk cd in 36 ds. (Willers-SW). 9925 f/d House cd in 25 ds. (Gears-IL). f/d cd in 32 ds. (Levison-PA). f/d Free Masons Temple cd in 32 ds. (Levison-PA). RTBF: 9925 f/d Grand Square cd w/ stickers & sked in 17 ds for an irc. (Gears-IL).
- BULGARIA R Sofia: 7115 f/d Logo cd w/ sked & stuff in 5 mo. (Gears-IL). 11720 f/d Sculpture cd in 116 ds w/ sked. (Cichorek-NJ). 15290 f/d Monument cd w/ ltr in 45 ds. (Miller-CA).
- CZECHOSLOVAKIA R Prague: 7345 f/d Chateau cd in ?? ds for 2 ircs. (Carson-OK). 11990 f/d Monastery cd in 37 ds. (Wright-MB). 13715 f/d cd in 29 ds. (Levison-PA).
- DENMARK 25850 4 f/d Flowers cds in 20 ds after f-up for a tape & 2 ircs. V/S B. Baug. (Gears-IL).
- FRANCE RFI: 6175 f/d Bridge cd w/ sked in 23 ds. (Willers-SW). 9790 f/d Place des Vosges cd w/ sked in 30 ds for 2 ircs. (Carson-OK).
- G.D.R. RBI: 7260 f/d Berlin cd in 72 ds. (Willers-SW). 9730 f/d Rostock cd w/ forms in 35 ds for an irc. (Carson-OK). 11785 f/d Amp cd in 24 ds for an irc. (Carson-OK). f/d Crystal set cd in 24 ds for an irc. (Carson-OK). f/d DX'ers Club cd in 28 ds for 2 ircs. (Gears-IL). f/d Dresden cd in 38 ds. (Gears-IL). f/d Q-Code cd in 35 ds for an irc. (Carson-OK). 13610 f/d Potsdam cd in 87 ds. (PA-Levison).
- HUNGARY R Budapest: 11910 f/d Church cd in 27 ds. (Jones-TN).
- ICELAND ISBS: 17558 f/d postcard in 50 ds for \$1. (Weber-OH).
- ITALY RAI: 9575 f/d Felice Casorati cd in 283 ds. (Brown-IL). 11800 f/d Statue cd in 132 ds. (Brown-IL).
- LUXEMBOURG R Luxembourg: 6090 f/d Log/Tower cd in 30 ds. (Gears-IL).
- MALTA R Mediterranean: 6110 f/d Map cd w/ sked & info in 58 ds for an irc. (Takayasi-JN). IBRA Radio: 7110 f/d Stockholm cd w/ sked & pennant in 42 ds for 2 ircs. (Cichorek-NJ).
- MONACO TWR: 9480 f/d World/Logo cd in 9 ds w/ sked (Willers-SW).
- NETHERLANDS RN: 6165 f/d Anniversary cd in 52 ds for an irc. (Carson-OK). 9715 f/d Dame Square cd in 25 ds. (Willers-SW).
- ROMANIA R Bucharest: 11940 2 f/d County Emblems cds w/ sked in 91 ds. (Levison-PA).
- SPAIN REE: 9630 & 9680 3 f/d cds w/ ltr in 8 mo for 2 ircs. (Carson-OK). 9630 f/d Madrid cd w/ ltr in 162 ds. (Bishop-NY). f/d Olympics cd w/ pennant, stickers, sked & forms in 182 ds. V/S Alucena Iglesias. (Cichorek-NJ). f/d cd w/ ltr in 60 ds. (Miller-CA).
- SWEDEN RSI: 9695 f/d SCDX cd in 13 ds. (Reeves-OR). 17880 f/d Stockholm cd w/ stickers & sked in ?? ds for an irc. (Carson-OK).
- SWITZERLAND SRI: 6135 f/d Red Tower Inn cd in 17 ds for 2 ircs. (Gears-IL). f/d St. Gall cd in 23 ds for an irc. (O'Connor-NH). 9885 f/d Solothurn cd in 14 ds. (Reeves-OR). RCBS: 7210 f/d Logo cd w/ sked in 69 ds. (Willers-SW).
- VATICAN CITY R Vaticana: 9605 f/d Palazzo Pio cd in 22 ds. (Brown-IL). f/d cd w/ skeds in 50 ds for 2 ircs. (Gears-IL).

U.S.S.R.

- R Magallanes: 15475 p/d ltr w/ sked, booklet in 99 ds. V/S Manuel Ruiz. (Weber-OH).

That's all there is from the USSR this month; I'd say it was rather slow, wouldn't you???

NORTH AMERICA

- CANADA RCI: 5960 f/d cd in 22 ds. (Bishop-NY). 17875 f/d cd in 10 ds for an irc, which was returned. (Carson-OK). CKFX: 6080 f/d "Super Country" cd in 13 ds for an irc. (Takahasi-JN). CKZU: 6160 f/d CBC Center cd in 18 ds. (Reeves-OR). R Japan Relay: 5960 n/d Mt. Fuji cd w/ sked in 26 ds. (Cichorek-NJ). n/d Kyushu cd w/ sked in ?? ds. (Levison-PA).
- COSTA RICA RFP1: 21565 f/d Dove/Logo cd w/ sked in 34 ds V/S James Latham. (Wright-MB).
- MONTERRAT DW: 9545 n/d Globe cd in 14 ds for 3 ircs. (Stroh-IL).
- NETHERLANDS ANTILLES TWR: 15345 f/d Anniversary cd w/ sked, ltr & stickers in 33 ds. V/S Sally Rork. (Cichorek-NJ). RN: 6020 f/d Monument cd in 14 ds. (Levison-PA). 15315 f/d Europe via Weather Satellite cd in 17 ds. (Brown-IL).
- U.S.A. KVOH: 17775 f/d Studio/Logo cd w/ stickers & sked in 15 ds for ms. (Gears-IL). VoFC Relay: 5985 f/d Visitors cd w/ sticker, info in 36 ds. (Levison-PA). f/d Target area cd in 39 ds. (Levison-PA). 9680 f/d Hsi-Yu cd w/ sticker & pennant in 92 ds. (Levison-PA). WCSN: 21780 f/d Special Test cd in 17 ds. (Cichorek-NJ). WYFR: 9520 f/d Logo cd w/ skeds in 10 ds for ms. (Gears-IL).

OCEANIA

- KIRIBATI R Kiribati: 14802 f/d House on Lagoon cd in 49 ds for ms. V/S listed MW freq instead of the right one!! (Card-RI).
- NEW CALEDONIA RFO: 7170 n/d Map cd in 122 ds for a FF rpt & 2 ircs. (Cichorek-NJ).
- NEW ZEALAND RNZI: 17705 f/d Pennant cd w/ sked in 46 ds for 3 ircs V/S Rudi Hill. (Carson-OK).
- PAPUA NEW GUINEA R Central: 3290 p/d yellow form ltr in 39 mo for \$1. V/S K. Vilalani. Already got a veri in '86, so this was a bonus. (Forsgren-WI).

SOUTH AMERICA

- ANTARCTICA LRA-36: 15476 f/d cd w/ ltr in 231 ds for ms. V/S N.O. Faccio. (George-MA)...sent a SS rpt...
- ARGENTINA R Rivadavia: 15780 f/d Logo cd in 96 ds for a SS rpt & an irc. V/S Ing. Jorge Armando Falcone. (Takahasi-JN).  
\*\*\*QSL News\*\*\* To QSL RAE or the other R Nacional frequencies, (except LRA-36 & LRA-7 who will QSL direct), send your reports, including 2 ircs, to: Gabriel Ivan Barrera, Casilla 2868, 1000-Buenos Aires, Argentina.
- BRAZIL Radio Rio Mar: 9695 p/d Map cd in 16 ds (Takahasi-JN). p/d cd in 22 ds after f-up for a PP rpt & \$1. (D'Angelo-PA). R Bandeirantes: 11925 p/d personal ltr w/ sticker & stamps in 37 ds after f-up for a PP rpt & \$1. V/S Salomao Esper. (D'Angelo-PA). R Cultura Sao Paulo: 17815 p/d personal ltr w/ sticker & info in 50 ds for a PP rpt & \$1. V/S Eng. Jose Munhoz. (D'Angelo-PA).
- COLOMBIA La Voz del Rio Arauca: 4895 p/d personal ltr w/ sticker in 29 ds after f-up for a SS rpt & ms. V/S Gabriel Cucuma Nino. Besides the Arauca address in the WRTH, an address to try: Aptdo Aereo 16555, Bogota. Tnx Rich. (D'Angelo-PA).
- ECUADOR HCJB: 11775 f/d Stamps cd in 24 ds (Carson-OK). 15155 f/d cd in 10 ds for a FAX rpt. (Muzyka-NY). f/d cd w/ forms in 28 ds for ms. (Bishop-NY). f/d Fishing cd w/ forms in 38 ds for ms. (Bishop-NY). Radio Rio Amazonas: 4870 p/d personal ltr w/ pennant - see last months cover- in 31 ds after several f-ups for a SS rpt & ms. V/S Prof. Marco G. Diaz D. (D'Angelo-PA).
- VENEZUELA R Nacional: 5020 p/d cd w/ ltr, postcard, stickers & info folder in 3 yrs for a EE/SS rpt & 2 ircs. V/S's Ivan Russa Crespo, & Mei-Ling Talavera Rojas. (Weber-OH).

Some room for a little chatter: we've already had a little bit of snow flurries- the DX season must be upon us!! Also have had quite a bit of Northern Lights activity- wipes out just about everthing on the tropical bands; but they sure are fascinating to watch.

UTILITIES

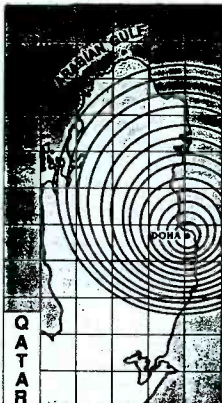
AUSTRALIA VNG: 15000 f/d Antenna folder cd in 17 ds. Address: VNG, P.O. Box I090, Canberra A.C.T., 2601 Australia. (Blight-MD).  
EGYPT SUC: 11300 f/d pfc w/ p/d ltr in 41 ds for an irc. V/S Mahmoud Abd El Fath. (O'Connor-NH).  
SOUTH AFRICA ZSC: 17018 f/d Ostrichs cd in 72 ds (Takahasi-JN).  
ZAIRE 9PL: 12660 n/d ltr requesting airfare to the States, and also funds to get an Engineering Degree!!! in 91 ds for a FF rpt & ms. V/S Lusambya Makengo B. (George-MA)...interesting!  
SHIPS VSBP4: 12401.3 f/d pfc in 64 ds after f-up for an irc- which was returned. (O'Connor-NH). M/V Charlotte Lykes: 12504.5 f/d pfc w/ photo in 38 ds for an irc- which was returned. V/S J. Horwath (Gerstner-FL). NNN@CVZ: 14467 f/d cd w/ pfc in 27 ds for ms. V/S Michael A. Muncie. (Gerstner-FL). C6CK3: 16463.1 f/d pfc in 24 ds for an irc. (O'Connor-NH). C6CP8: 16463.1 f/d pfc w/ folder in 24 ds for an irc. (O'Connor-NH). SYBD: 16463.1 f/d pfc in 42 ds for an irc. (O'Connor-NH). GQEK: 16463.1 f/d pfc in 52 ds for an irc. (O'Connor-NH). 3ELR4: 16463.1 f/d pfc w/ ltr in 59 ds for an irc- which was returned. (O'Connor-NH). BOXS: 16790 f/d pfc in 42 ds after f-up for an irc. (O'Connor-NH).

CLANDESTINES & PIRATES

Voice of Tomorrow: 6240 f/d River cd in 110 ds for a SASE- which wasn't used. (D'Angelo-PA). Free Radio One: 7415 p/d Certificate w/ form ltr in 47 ds for a SASE- which wasn't used. V/S Dr. David Richardson. (D'Angelo-PA). WKZP: 7415 f/d High Voltage cd in 53 ds for a SASE. V/S "Sparky". (D'Angelo-PA). Radio USA: 7415 f/d Train cd w/ ltr apologising for QRMing AIR on 7412, in 94 ds for ms. V/S Mr. Blue Sky. (George-MA). Radio Angeline: 7418 p/d cd in 14 ds for ms. Address: Box 40554, Washington DC, 20016. (D'Angelo-PA). Voice of Unity: 15685 f/d Map cd in 322 ds for 2 ircs. (Cichorek-NJ).

Pretty good month, wouldn't you say??

73 & best of dx, *Ray*



NAME: S.A. George  
 ADDRESS: U.S.A

STAMPS



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P. O. BOX 3939 DOHA-QATAR

MEMO from:  
 R. A. D'ANGELO

On October 6, 1989, mail service to Peru was temporarily suspended. The embargo was imposed "due to an industrial action" in the country. Hmm...this is the second mail embargo to Peru in 1989.

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## Utility Scene

Editor: Paul Lannuier, N2HIE  
25 Mac Arthur Avenue, Closter, New Jersey 07624

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### **Voyager 2 Revisited: Geyser-like Plume Discovered on Neptune's Moon Triton**

As a follow-up to our report of Voyager 2's fly-by of the planet Neptune (Utility Scene, September 1989), we offer a reprint of a recent release (from JPL?) that was received on packet:

October 2, 1989: A 5-mile-tall, geyser-like plume of dark material has been discovered erupting from the surface of Neptune's moon Triton in images returned last month to the Jet Propulsion Laboratory, Pasadena, Calif., by NASA's Voyager 2 spacecraft.

The discovery comes just as the Neptune encounter -- Voyager 2's fourth and final planetary flyby in 12 years -- officially ends today, Oct. 2.

This is the first time geyser-like phenomena have been seen on any solar system object, other than Earth, since Voyager discovered eight active geysers shooting sulfur above the surface of Jupiter's moon, Io. The new finding -- Voyager's last hurrah in its journey past the planets -- augments Triton's emerging reputation as the most perplexing of all the dozens of moons Voyagers 1 and 2 have explored.

Voyager 2's camera captured the eruption shooting dark particles high into Triton's thin atmosphere. Resembling a smokestack, the narrow stem of the dark plume, measured using stereo images, rises vertically nearly 5 miles and forms a cloud that drifts 90 miles westward in Triton's winds.

While Voyager scientists are trying to determine the mechanism responsible for the eruption, one possibility being considered is that pressurized gas, probably nitrogen, rises from beneath the surface and carries aloft dark particles and possibly ice crystals. Whatever the cause, the plume takes the particles to an altitude where they are left suspended to form a cloud that drifts westward.

Voyager 2's working life among the planets may be at an end, but the spacecraft and its twin, Voyager 1, are expected to continue returning information about the various fields and particles they encounter while approaching and eventually crossing the boundary of our solar system. The plutonium-based generators that provide electricity to the spacecraft are expected to keep alive the computers, science instruments and radio transmitter for up to 25 or 30 more years.

As of today, the long-lived project will be known as the Voyager Interstellar Mission. The Voyager Project is managed for NASA's Office of Space Science And Applications by the Jet Propulsion Laboratory, Pasadena, Calif.

(Via WA2ISE @ KD6TH-4 PBBS)

## Miscellaneous Traffic

DE PETER CONWAY - UK: "Had a guided tour around Portishead Radio recently. They really are a friendly bunch, and that is some station... 40 operators on duty 24 hours. Rhombic antennas, switchable every 15° around the compass! The computerization of the log keeping, information recall, etc., is very impressive. I sat in on a couple of ship/aero contacts. They are very QSL friendly too, with a guy named Larry Bennet, G4HLN, handling the correspondence."

## A "New" Utility Scene?

Well, not exactly: SPEEDX as always will continue to bring you the best coverage in utility communications every month. What will change, though, is the presentation of some of the logging information.

Beginning in January 1990, a new format will take effect: instead of listing each month's individual Fixed Station loggings, we will run the complete database of Fixed stations in 4 monthly installments. Confused? Don't be; here's how it will work: The January, February, March and April Issues will together contain a list of all Fixed stations reported within the past 12 months (in other words, each month's list will be 1/4 of the master list). The list will be updated regularly and recycled every 4 months. The major advantage of course is that one will have much more information at his or her disposal, and merely has to refer to one of the last 4 issues to check on a station, rather than randomly thumb through 12 issues. I think this is the best way to present such information to you, the reader; I hope everyone agrees.

Now, you may ask, "What special procedure does the contributor have to follow?" None: Just continue to send in your loggings as you normally would and let your editor do the rest. The Maritime and Aeronautical Mobile sections will not be affected by this change, and will continue to be featured on an alternate-month basis.

For those die-hards that can't wait until April to have the complete list, I will offer the complete list for a small (\$2.00) contribution to help fray the cost of materials and postage.

### Fixed Coastal and Naval Stations

KHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
3782.0	CW	Portugal	CTP	Oeiras Naval	0444	Portugese Navy. DE Marker. Better than 6389.0	Alexander-IA
4125.0	USB	USA	WBV	Port Richmond, NY	1915	Wkg ALICE MORAN	O'Connor-NH
6221.6	USB	USA	KXS319	Greenville, MS	1200	Wkg M/V JIM BAKER	Perdue-AL
6389.0	CW	Portugal	CTP	Oeiras Naval	0403	Portugese Navy. DE Marker	Alexander-IA
6462.0	CW	Society Is.	FUM	Papeete Naval	1242	French Navy. V Marker & ID	Perdue-AL
6518.8	USB	Canada	VCS	Halifax Radio, NS	0810	Canadian Forces. Marine wx	Perdue-AL
6521.9	USB	USA	KFX265	unknown	1445	Limited coastal station. Wkg MERCURY and STEEL PATRIOT	Perdue-AL
8294.2	USB	USA	WJK	Miami, FL	2157	Wkg M/V BELCHER PORT EVERGLADES	Perdue-AL
8294.2	USB	USA	WJK	Miami, FL	0323	Cig BELCHER PORT EVERGLADES	O'Connor-NH
8294.2	USB	USA	WHW	Seattle, WA	1348	Wkg unidentified ship in GG	O'Connor-NH
8336.0	RTTY	Alaska	NOJ	COMMSTA Kodiak	0404	170/75R: USCG. Msgs to NOAA ships. broadcast schedule	Berri-CA
8453.0	CW	France	HWN	Paris-Houilles Naval	0158	French Navy. V Marker & ID	Perdue-AL
8469.0	CW	Cape Verde Is.	D4A	Mindelo Radio, Sao Vicente	2132	CQ, t/c list	George-MA
8483.5	CW	West Germany	DAN	Norddeich Radio	0209		Perdue-AL



8618.0 CW	Spain	EDZ4	Aranjuez Radio	0154	DE QSX Marker	Alexander-IA
8656.0 CW	Italy	IAR	Rome Radio	0253	V Marker	Perdue-AL
8656.0 CW	Italy	IAR	Rome Radio	0158	V Marker	Alexander-IA
12660.5 CW	USSR	UNQ	Novorossiysk Radlo	2031	Wkg lfc	Conway-UK
12678.0 CW	Malaysia	9M63	Penang Radlo	1550	CQ Marker	Conway-UK
12699.0 CW	Panama	HPP	Panama Intelmar Radio	2048	CQ Marker	Conway-UK
12709.0 CW	Barbados	8P0	Bridgetown Radio	2128	DE Marker	Conway-UK
12714.0 CW	USSR	UXN	Arkhangelsk Radio	0849	DE Marker	Conway-UK
12736.5 CW	Turkey	TAH	Istanbul Radio	2058	CQ Marker	Conway-UK
12757.0 CW	USSR	RCV	Moscow Naval	1600	Soviet Navy. Manual call	Conway-UK
12772.5 CW	South Africa	ZSC38	Capetown Radio	2035	CQ & QTC list	Conway-UK
12780.0 CW	Angola	D3E61	Luanda Radio	1845	CQ Marker	Flynn-CA
12780.0 CW	Yugoslavia	YUR	Rijeka Radio	0050	V Marker	Flynn-CA
12781.0 CW	Malaysia	9MB	Penang Naval	1655	V Marker	Flynn-CA
12800.0 CW	Thailand	HSA	Bangkok Radio	1205	CQ Marker	George-MA
12808.5 CW	India	VTG7	Bombay Naval	1924	Indian Navy. V Marker	Conway-UK
12876.0 CW	Canada	VAI	Vancouver Radio	0838	CQ Marker	Conway-UK
12923.0 CW	South Korea	HLW2	Seoul Radio	0834	CQ Marker	Conway-UK
12925.0 CW	USSR	UQA4	Kiev Radlo	0925	Cig 4LS	Conway-UK
12948.0 CW	Japan	JJF	Tokyo Naval	1431	Japanese Navy. DE Marker	Conway-UK
12970.5 CW	Indonesia	PKX	Jakarta Radio	1325	CQ Marker	Conway-UK
12977.0 CW	USSR	URL	Sevastopol Radio	1837	CQ Marker	Conway-UK
13020.4 CW	Hong Kong	VPS60	Hong Kong Radio	1436	DE Marker	Conway-UK
13059.0 CW	Spain	EBA	Madrid Naval	1950	Spanish Navy. CQ & wx msgs	Conway-UK
13060.0 CW	USSR	UFJ	Rostov Radio	1442	V Marker	Conway-UK
13063.0 CW	Japan	JOB	Nagasaki Radio	0820	CQ Marker	Conway-UK
16869.0 CW	Panama	HPP	Panama Intelmar Radio	0012	CQ Marker	Perdue-AL
16887.5 CW	Poland	SPH41	Gdynia Radio	1823	CQ Marker. Sent ID 15-20 Limes.	Perdue-AL
16932.0 CW	Algeria	7TA10	Algiers Radio	.....	CQ Marker	Alexander-IA
16951.5 CW	Senegal	6WW	Dakar Naval	0021	French Navy. V Marker	Perdue-AL
16981.5 CW	Greece	SVG	Athens Radio	1351	CQ Marker	Perdue-AL
17202.0 RTTY	Bahrain	A9M	Hamala Radio	0535	SITOR-A: Msgs	Delaunoy-FR
17203.0 RTTY	Guam	NRV	COMMSTA Barrigada	1400	SITOR-A: USCG. RYRYRY, lfc, wx	Delaunoy-FR
17206.5 RTTY	South Africa	ZSC64	Cape Town Radio	0810	SITOR-A: Tfc	Delaunoy-FR
22428.0 CW	Singapore	9VG	Singapore Radio	1528	CQ Marker	George-MA
22525.0 CW	Italy	IRM	Rome Radio	1410	Medical services. AMVER broadcast	George-MA

### Other Fixed Stations

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
4300.3	RTTY	England	GYA	London Naval	1908	850/75: RN. Testing	Delaunoy-FR
4746.0	USB	Azores	CUW	Lajes Field	0316	USAF. Wkg RAIDER 47 re Lajes wx	George-MA
5275.0	RTTY	Egypt	SUA211	Cairo	2015	400/50: MENA news in FF	Delaunoy-FR
5696.0	USB	Alaska	NOJ	COMMSTA Kodiak	0802	USCG. Wkg a/c INDIA 9 HOTEL (?)	1Perdue-AL
6753.0	USB	Canada	CHR	Trenton Military, Ont	0334	Canadian Forces. Wx H+30	Thompson-CA
6873.0	ISB	USA	....	Greenville, NC	0330	VOA Feeder. Readable in AM mode. EE ID, into news in Romanian	Thompson-CA
7474.0	RTTY	Cameroon	TJK	Douala	2340	425/50N: AFTN/ASECNA. RYRYRY, DE tape	Alexander-IA
7533.5	USB	Puerto Rico	NNNONPR	San Juan	...	USN MARS. Phone patch lfc. Emergency Hugo communications. Wx & casualty reports	Gordon-CT
7533.5	USB	USA	WG912 Mt.	Weather, VA	1930	FEMA. Cig NAV (USN MARS station, Washington DC) w/request for priority phone patch. Usually net for MARS lfc only.	Gordon-CT
8137.5	RTTY	Turkey	TCY1	Ankara	1401	850/50: AA news in EE	Delaunoy-FR
8828.0	USB	Hawaii	....	Honolulu VOLMET	1225	Meteo H+55,25	Perdue-AL
8828.0	USB	Hong Kong	....	Hong Kong VOLMET	1220	Meteo H+15,45	Perdue-AL
8828.0	USB	Japan	....	Tokyo VOLMET	1215	Meteo H+10,40.	Perdue-AL
8828.0	USB	New Zealand	....	Auckland VOLMET	1223	Meteo H+20,50	Perdue-AL
8861.0	USB	Senegal	....	Dakar	0625	ICAO AFI-1. Wkg SPEEDBIRD 244	Perdue-AL
8867.0	USB	Fiji	....	Nandi	0625	ICAO SP-6/7 area. Wkg QANTAS 550	Perdue-AL
8891.0	USB	Iceland	....	[ Reykjavik? ]	0144	ICAO NAT-D area. Wkg Gander	Perdue-AL
8984.0	USB	Puerto Rico	....	USCGAS Borinquen	2042	USCG. Wkg VICTOR 1 YANKEE	Perdue-AL
9192.8	RTTY	China	BPA23	Beijing	1918	1000/50: Meteo	Delaunoy-FR
9226.0	RTTY	Cameroon	TJK	Douala	2210	425/50R: AFTN/ASECNA. DE tape	Alexander-IA
9285.0	RTTY	Congo	TNL	Brazzaville	2204	425/50N: AFTN/ASECNA. RYRYRY, DE TNL, etc...	Alexander-IA
9287.0	RTTY	Central African Rep.	TLO	Bangui	0110	425/50N: AFTN/ASECNA. DE tape	Alexander-IA

9290.0 RTTY	USSR	RTQ78	Sverdlovsk	1930	1000/50: RYRYRY in Cyrillic, lfc	Delaunoy-FR
9340.0 FAX	USSR	RCH72	Tashkent	1955	120/...: Map	Delaunoy-FR
10233.5 RTTY	USA	....	Bethany, OH	2210	170/75R: VOA. RYRYRY, lfc at 2218	Alexander-IA
11108.8 RTTY	Martinique	'RFLI'	Fort de France Naval	2227	ARG-M2/96: French Navy. Msgs	Delaunoy-FR
11150.0 USB	USA	....	Greenville, NC	0220	VOA Feeder. SS program, ID	Berri-CA
11179.0 USB	USA	AFL2	Loring AFB, ME	2246	USAF. Wx Info, then "Loring out."	Perdue-AL
11387.0 USB	Australia	....	Sydney VOLMET	0605	Meteo H+00,30	Perdue-AL
11396.0 USB	Indonesia	....	Jakarta	2015	ICAO SEA-2 area. Wkg SPEEDBIRD 282	Conway-UK
11477.0 RTTY	Philippines	....	Poro La Union	2326	425/75: VOA. RYRYRY	Delaunoy-FR
12741.6 FAX	England	GZ244	London Naval	1810	120/...: RN. Map	Delaunoy-FR
13270.0 USB	USA	WSY70	New York VOLMET, NY	2339	Meteo H+00,30	Berri-CA
13354.0 USB	Hawaii	....	Honolulu	0016	ICAO CEP-5 area. Wkg many airplanes	Thompson-CA
13630.0 USB	USA	WHX44	unknown	2050	YL exchanging signal reports. [ WHX44 listed as Seattle. Same QTH???? ..ed ]	Flynn-CA
14638.5 RTTY	USA	NOA	unknown	1845	425/50: USCG? New London, CT? "QRA DE NOA CALLING, MORE TO COME. STAND BY PLEASE"	Flynn-CA
14737.0 FAX	USSR	RX072	Khabarovsk	1826	90/...: Map	Delaunoy-FR
15000.0 CW	China	BPM	Xian	0159	Time signals. CW IDs noted under WwV/WwVH	O'Connor-NH
15000.0 AM	Hawaii	WwVH	Kekaha	0157	Time signals. Announcements by YL	O'Connor-NH
15615.0 FAX	Australia	AXI35	Darwin	0641	120/...: Map	Delaunoy-FR
15731.2 RTTY	Sudan	....	Khartoum	1709	200/50: SUNA news in AA	Delaunoy-FR
15830.0 FAX	Antarctica	RUZU	Molodezhnaya	1349	120/...: Map	Delaunoy-FR
16066.4 RTTY	Italy	....	Rome	1708	425/50: ANSA news in EE	Delaunoy-FR
16971.0 FAX	Japan	JJC	Tokyo	0900	60/...: News in Japanese	Delaunoy-FR
17151.2 FAX	USA	NMC	COM1STA SF, CA	2016	120/...: USCG. Testing and schedule	Delaunoy-FR
18220.0 FAX	Japan	JMH5	Tokyo	1911	120/...: Sat photo	Delaunoy-FR
18710.0 FAX	USSR	RIZ29	Moscow	0936	120/...: Map, centered on North Pole	Delaunoy-FR
18940.0 FAX	China	BDF	Shanghai	0742	120/...: Map	Delaunoy-FR
19384.0 RTTY	China	BZG49	Beijing	0624	425/50: XNA news in FF	Delaunoy-FR
20736.0 FAX	Argentina	LSA600	Buenos Aires	1935	60/...: Press photo	Delaunoy-FR
20741.0 RTTY	Panama	NBA	Balboa	1330	850/75R: USN. RYRYRY, tests to Chile. Also 18067.5, 16194.0, 21833.0	Berri-CA
21833.0 RTTY	Panama	NBA	Balboa	1335	850/75R: USN. As 20741.0	Berri-CA
21839.0 FAX	Hawaii	NPM	Pearl Harbor	1850	120/...: Sat photo	Delaunoy-FR
23523.0 FAX	Japan	JMH7	Tokyo	0708	120/...: Sat photo	Delaunoy-FR

## Aeronautical Mobile Stations

KHz	MODE	NAME	UTC	REMARKS	CONTRIBUTOR
5696.0	USB	BRAVO 6 TANGO	0212	USCG. Wkg COM1STA New Orleans, LA	O'Connor-NH
5696.0	USB	QUEBEC 2 DELTA	0042	USCG. Wkg COM1STA Portsmouth, VA	Perdue-AL
5696.0	USB	RESCUE 1472	1940	USCG. Wkg COM1STA Boston, MA	O'Connor-NH
5696.0	USB	RESCUE 1709	0303	USCG. Wkg COM1STA Portsmouth, VA	O'Connor-NH
6577.0	USB	AIR JAMAICA 101	0157	ICAO E-CAR area. Wkg San Juan	Perdue-AL
6577.0	USB	VARI6 867	0215	ICAO E-CAR area. Wkg New York	Perdue-AL
6673.0	USB	NOAA 43	2142	NOAA Hurricane Hunter. Wkg KJ74 National Hurricane Center w/Hugo Info	Alexander-PA
6993.0	USB	SAM 31682	2135	USAF. Wkg Andrews AFB, MD. Also hrd on 6817.0 kHz at 2250	Alexander-PA
8819.0	USB	NOVEMBER 473	0355	[ RCAF? ] Wkg Evergreen Base Control. Ref: Rainbow and N.W. 34	Perdue-AL
8825.0	USB	NAVY JB237	0319	ICAO NAT-A area. Position report to San Juan	O'Connor-NH
8846.0	USB	CORNELL 434	2226	ICAO E-CAR area. Wkg New York	Perdue-AL
8846.0	USB	GB-NEH	1432	ICAO W-CAR area. Wkg New York	O'Connor-NH
8846.0	USB	GULFTRANS 775	1502	ICAO W-CAR area. Position report to New York	O'Connor-NH
8846.0	USB	INDIA 1998	1448	ICAO W-CAR area. Position report to New York	O'Connor-NH
8846.0	USB	N740FW	1447	ICAO W-CAR area. Position report to New York	O'Connor-NH
8846.0	USB	US AIR 1190	1445	ICAO W-CAR area. Wkg New York	O'Connor-NH
8855.0	USB	NAVY JA03	0225	USN. ICAO NE-SAM area. Wkg Trinidad	O'Connor-NH
8861.0	USB	SABENA 445	0110	ICAO AFI-1/SAT-1 areas. Wkg Dakar	George-MA

8891.0	USB	ALITALIA 621	1046	ICAO NAT-D area. Wkg Gander w/position report	Perdue-AL
8891.0	USB	CORSAIR 911	0659	ICAO NAT-D. Wkg Gander, relay to Shannon. Position 59N 30W	Calligan-CA
8891.0	USB	TIGER 1021	0917	ICAO NAT-D area. Wkg Cambridge Bay w/position report	Calligan-CA
8903.0	USB	LUFTHANSA 492	0330	ICAO AFI-4 area. Wkg Luanda	George-MA
8921.0	USB	SPEEDBIRD 175	0332	LDOC. Wkg Speedbird London	O'Connor-NH
8984.0	USB	26 UNIFORM TAC 31	2031	USCG. Wkg COMMSTA Boston, MA	Perdue-AL
8984.0	USB	VICTOR 1 YANKEE	2038	USCG. Wkg San Juan, PR	Perdue-AL
8989.0	USB	ENCOUNTER	0636	USAF GCCS. Wkg McClellan AFB, CA	Perdue-AL
8989.0	USB	NG 6074	2246	USAF. Cig McClellan AFB, CA; no response	Calligan-CA
8993.0	USB	GULL 37	1400	USAF. Phone patch thru MacDill AFB, FL	O'Connor-NH
11246.0	USB	GULL 17	1907	USAF. Wkg MacDill AFB, FL w/Hurricane Hugo Info	Alexander-PA
11396.0	USB	MAC 67957	0841	USAF. ICAO CWP-2 area. Wkg Manila re ETA and FL 370 clearance	Calligan-CA
11396.0	USB	PAPA 6-2	0812	ICAO SEA-3 area. Wkg Darwin w/selcal check	Calligan-CA
11466.0	USB	AIR FORCE 1	2056	USAF VIP. Wkg Andrews AFB, MD	Alexander-PA
11615.0	USB	SAM 60204	1223	USAF. Wkg Andrews AFB, MD	Alexander-PA
13244.0	USB	ROAR 12	1513	USAF GCCS. Radio check w/MacDill AFB, FL	O'Connor-NH
13247.0	USB	SPAR 63	0655	USAF. Wkg Andrews AFB, MD	Alexander-PA
13267.0	USB	NOAA 43	2258	NOAA Hurricane Hunter. Wkg KJY74 National Hurricane Center w/Hugo info	Alexander-PA
13273.0	USB	JAPAN AIR 657	0348	ICAO NP-3 area. Wkg Tokyo w/position report	Calligan-CA
13330.0	USB	N4156A	1838	LDOC. Wkg Houston ARINC. GSY to 17940.0	Perdue-AL
13354.0	USB	AMERICAN 19	0002	ICAO CEP-5 area. Wkg SFO w/position report & ETA 'Derok' AT 0148	Calligan-CA
13354.0	USB	BOEING N680FM	2318	ICAO CEP-5 area. Wkg SFO w/ETA LAX	Calligan-CA
13354.0	USB	DELTA 75	2354	ICAO CEP-5 area. Wkg SFO w/position report & ETA 'Derok'	Calligan-CA
13354.0	USB	TWA 1	0008	ICAO CEP-5 area. Wkg SFO w/altitude & position report	Calligan-CA
13455.0	LSB	SAM 60205	2044	USAF. Wkg Andrews AFB, MD	Alexander-PA
21964.0	USB	CANADIAN 7	2333	ICAO NP-3 area. Wkg Honolulu w/ETA 'Grind' at 0042, next 'Guns'	Calligan-CA
21964.0	USB	DYNASTY 003	0346	ICAO NP-3 area. Wkg Honolulu w/position report, reaching FL 370	Calligan-CA
21964.0	USB	JAPAN AIR 1	2347	ICAO NP-3 area. Wkg Honolulu from 44N 150W	Calligan-CA
21964.0	USB	KOREAN AIR 001	0103	ICAO NP-3 area. Wkg Honolulu w/position report & selcal check	Calligan-CA
21964.0	USB	N 70454	2350	ICAO NP-3 area. Cleared from 50N 167W to Kobe Airport	Calligan-CA
21964.0	USB	UNITED 801	2352	ICAO NP-3 area. Wkg Honolulu w/ETA position 59N 168E at 0007	Calligan-CA
21964.0	USB	UNITED 805	0400	ICAO CWP-2 area. Wkg Honolulu w/position report, next 38N 160E	Calligan-CA
21964.0	USB	USCG 1703	2320	ICAO NP-3 area. Wkg Honolulu from 57N, 177.45W.	Calligan-CA

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Last month I inadvertently omitted Mike Bronowicz and John Gerstner from the contributor list. Sorry, gentlemen.

Happy Tnxgng to all! 73 de *Paul*

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