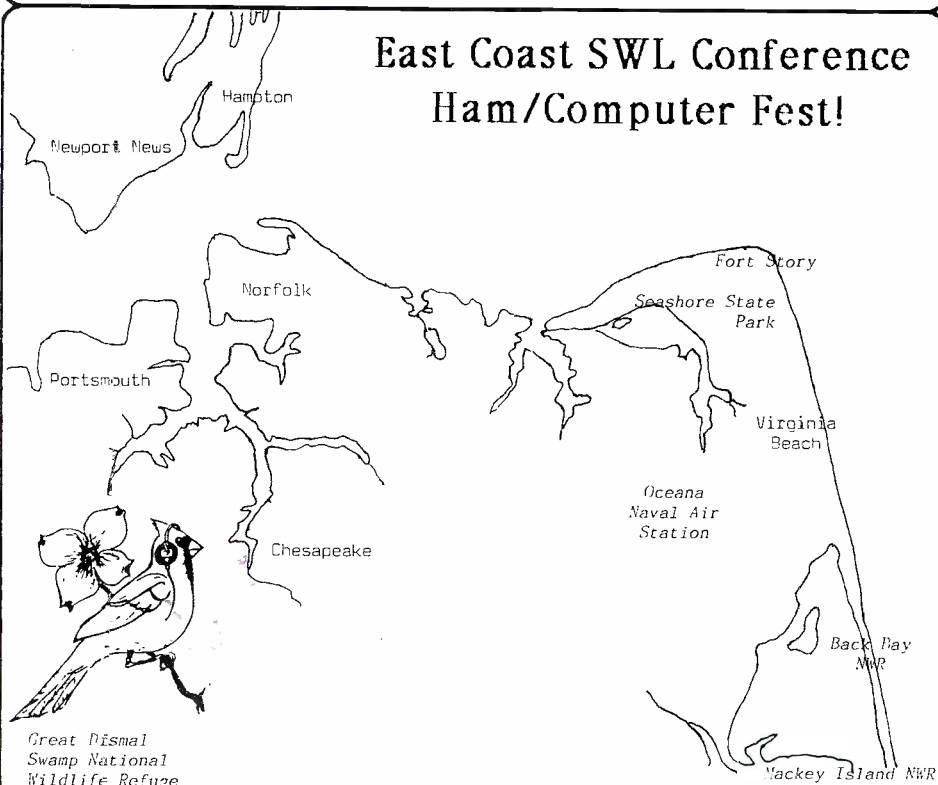


# SPEEDX

SEPTEMBER 1988

Volume 18, Number 8

## East Coast SWL Conference Ham/Computer Fest!



Virginia Beach, Virginia

September 17-18, 1988

**tidewater**

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**THE DX MAGAZINE FOR ACTIVE SWLS**

**SPEEDX SPOTLIGHTS:**

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 SEPTEMBER 1988

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
 354 N. WINSTON DRIVE, PALATINE, IL 60067-4132 U.S.A.

TOTAL CONTRIBUTORS: 71

7	ABBINANTE, PHIL	IL IC-R71A	1	HOWELL, JOE	CA
2	ALEXANDER, RODNEY	IA IC-R70	5	JANUSZ, EDWARD	NJ ICF2010
1	ALLEN, P.J.	CA ICF2010	5	JOHNSON, L.L.	CA
5	ANYWODI, JOHN	VA	2	JOHNSON, ROBERT	NJ NRD525
1	ATKINS, GARY	GA R390A	6	JONES, ANTHONY	TN CR2021
1	ATKINS, GUY	WA IC-R70A	1	JONES, BRIAN	TX IC-R70
1	BATTLES, WILLIAM	NH IC-R71A	5	KLINE, JAMES	CA FRG8800
2	BELGHAUS, FRED	NJ IC-R71A	2	KURODA, TAKASHI	JP NRD525
6	BERRI, JASON	CA R2000	1	KUSALIK, EDWARD	AB FRG7000
1	BISHOP, FORREST	NY RF4800	1	LAAG, ROBERT	CA
5	BROWN, EDWARD	IL ICF6800W	1	LAVES, ALAN	TX R390A
1	BRYANT, MICHAEL	GA IF2010	3	LEADER, PATRICK	IR D2615
3	CARD, PETER	RI NRD515	1	LEMKE, RICHARD	AB IC-R71A
1	CARLISLE, FRED	WA NRD515	5	LEVISON, HAROLD	PA IC-R70
1	CARROLL, PATRICK	AZ R5000	7	MATSUSHITA, YUKIMASI	JP
3	CICHOREK, EDWARD	NJ FRG8800	4	MILLER, WILLIAM	CA DX400
1	CODAY, RICHARD	CA FRG7700	4	MOMAN, DON	?? IC-R71A
1	CONWAY, PETER	UK T8930S	2	O'CONNOR, PATRICK	NH IC-R71A
1	CULP, DAVID	DC ICF2002	1	PAGANO, FRANK	DC NRD525
6	D'ANGELO, RICHARD	PA NC190	2	PFEIFLE, KEVIN	NY FRG8800
1	DELAUNOY, NICHOLAS	FR IC-R71E	2	ROBERTS, KEN	FL IC-R71A
4	DILLON, PETER	GR DX400	7	ROBINSON, BETSY	TN FRG7700
1	ECKERT, JOHN	PA R5000	2	RUCKMAN, ROBERT	OH
3	EHLY, STEWART	IA IC-R71A	1	RUSSELL, RICHARD	AL IC-R71A
2	EVANS, JAMES	TN IC-R71A	4	RYAN, TERRY	NY NRD525
3	FAMULARO, RALPH	WA ICF6000A	4	STANLEY, TREVOR	AZ NRD515
2	FORSMAN, STAN	CA	4	THOMPSON, PEGGY	CA FRG7
3	FRASER, BOB	MA XCR30	1	THUNBERG, BOB	PA R1000
7	GEORGE, STEVE	MA R5000	6	TRESCHER, FRED	PA FRG7700
2	GERSTNER, JOHN	NY DX1000	7	TROTTO, RON	FL CR2021
2	GORDON, ANDREW	CT	1	VALENTINE, F.A.	CA IC-R70
1	HALSTEAD, GARIE	WV ICF2001	1	WAKEFIELD, PAUL	IA ICF2010
3	HANSON, JEFFREY	WA	6	WESTENHAVER, WILLIAM	PQ ICF6500W
1	HARDY, LERDY	CA IC-R70	3	WOROB, PHILIP	TX R5000
2	HAWKINS, HUGH	TX IC-R71A	3	WRIGHT, PHILIP	MB DX400
2	HORNE, STAN	NC			

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:

NA / LA

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:

UTILITIES

The hum-drums of summer are definitely upon us. Man, it's even been too hot to DX and SWL! Well actually, for those of you with solid-state receivers it's not too bad...but if you own one of the old tube-type boat anchors (like I do), then firing up that rig, creating all of that extra heat, is totally unwelcome! But then, I *do* have an ICF2001 also, so I guess I haven't got any excuses! In any case, because of these reasons and others too, we only have 1 full member this month. But he made it none-the-less, so a big fanfare for...

ANDREW WALLACE.....MA

Do we have any new first time contributors this month? We sure do, and here they are....

JEFFREY HANSON.....WA

STAN HORNE.....NC

Congratulations to the both of you! Hope to see your names many many here in the pages of SPEEDX!

HOPE YOU ARE FEELING BETTER FRED...

Received a note from our illustrious publisher, Ed Janusz, that Fred Trescher, long time member and regular contributor to SPEEDX just got out of the hospital. We all hope he's feeling better now (or at least not sick enough to not be able to turn on the SW rig!) and we wish him a speedy recovery. I'm sure that a few cards or letters would help too! If you'd like to send him one, his address is: 7249 Bradford Street, Philadelphia, PA 19149.

ANARC NEWS...ANARC BBS...ETC...

Just a reminder again that the ANARC BBS is on the air, and awaiting your call. It's easy to participate! All you need is a computer (any kind will do) with a modem capable of at least 300 baud (1200 & 2400 also welcome) with parameters of 8-N-1. The phone number to call is (309) 688-0604. Your's truly is the SPEEDX SYSOP and we look forward to hearing from you. See last months SPEEDX magazine for more information. It's free, except for the phone call!

BOB HORVITZ, Executive Secretary of ANARC, has passed on comments ANARC has officially submitted to the FCC in regards to NPRM RM-5836, Gen. Docket No. 88-281, which proposes that labels be provided with all scanners and other types of receivers advising owners that they may be breaking the law by tuning in to certain frequencies protected under the recently passed ECPA. What Bob and ANARC is proposing is that instead of labels used to warn owners of possible illegal reception, that a page or two of instructions be included with these receivers explaining the law and just what types of reception the ECPA is supposed to protect. Bob points out in his comments that there is no way that a label the size the FCC is proposing could possibly inform a receiver owner what is and is not illegal. Stay tuned for further developments.

ANARCON '88 is over for another year. No doubt there are reports elsewhere in this SPEEDX magazine about it. But I would like to "Spotlight" those people who won the ANARC awards at this years convention. Drum roll please!!!!

NORTH AMERICAN SW DXer OF 1988:  
INTERNATIONAL SW DXer OF 1988:  
SPECIALITY BAND DXer OF 1988:

TOM SUNDSTROM  
FINN KRONE  
ROBERT FRENCH (and, a tie)  
ERNEST COOPER  
RAY BRIEM

BROADCASTER OF THE YEAR:

Congratulations to all five of you for winning this years coveted ANARC Awards. The five of you have truly "made it"!

In addition to those 5 awards, ANARC passed out some special awards to recognize outstanding achievements:

RADIO SWEDEN: For 50 years of broadcasting, as well as 40 years of the excellent SWEDEN CALLING DXers program...it's most popular program! They were also the first station in the world to broadcast DX programs in English to North America!

HAPPY STATION program on RADIO NETHERLANDS on the occasion of it's 60th year on the air...the longest running program in international broadcasting history, and to host Tom Meyer for his role in the program.

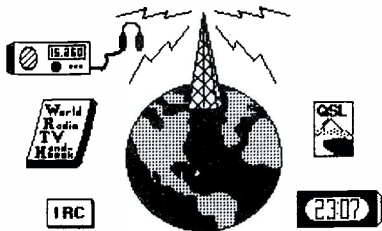
GENE HUGHES for his 25 years editing the best-selling "Police Call" frequency directories.

STEWART MACKENZIE and ASWLC and DON SCHMIDT and SCADS for organizing and hosting ANARCON-88.

WANTED....FOR SALE....HELP!!!!.....

No Collect Calls on these ads please!

FOR SALE: Info-Tech M-6000 Decoder. Mint Condition with boxes and manual. New as of 1/88. \$698 plus UPS. Contact Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601 or call (503)884-7659 after 0100 GMT.



# DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

SEPTEMBER 1988

Hi. It looks like we'll have a full-sized issue this month: A tribute to the good DX this summer, as well as to the dedication of our editors and loyal contributors. What? Good DX? Well...yeah. I heard Sri Lanka this month; and, for those of you who think there's nothing out there, dust off your receiver. If I can hear Sri Lanka, gentle reader, you can probably hear the Crab Nebula.

## TIDEWATER

Details about this fine event appeared in last month's Montage. If you misplaced that issue or need more information, you can call Tom McElvy at (804) 497-5151; ol' Tom will clue you in on whatever details you need. I'm certainly looking forward to seeing some of you there; and, true to my vow to never look like a tourist no matter where I am, I've procured an Orioles bumper sticker for my truck and an Orioles hat for my head.

## AMERICAN NOTES

The publishers of the Ames, IA, Tribune are going to court to challenge the Smith-Mundt act--the law that forbids the dissemination of USIA/VOA information among Americans. The company intends to make a First Amendment (freedom of speech and of the press) issue of it; as Mark McCormick, a Des Moines attorney who has been retained by the Tribune and its parent company, says: "I think we have a substantial constitutional challenge, and I'll be anxious to persuade a judge."

USIA spokesperson William Reinckens notes that a similar suit was filed in the State of Washington several years ago, and was unsuccessful. (Des Moines Register, thanks to Paul Wakefield)

The only thing I like better than news clippings, friends, is letters; I'd like to share with you some comments that Paul had....

*On the SPEEDX Poll: I didn't reply, although I went so far as to jot down most of my responses. It just came down to not getting around to writing you on time. The Poll is a good idea; maybe once a year you could get a page opposite the back cover and use it to print the ballot. Or I could staple it in on a separate sheet, as I do with the renewal forms as your memberships/subscriptions come due. What do the rest of you think? Would this make you more likely to vote?*

*Bill Tisdale's comments on Hawaiian CB bring back some memories. "Talking skip" was a popular hobby among some acquaintances of mine many years back. The outfit of choice was a standard base unit, two high-gain beams cophased together, and a converted Ham linear amplifier, putting out anywhere from 50 to 1000 watts. Two way contacts with the West Coast and Hawaii were common, and, on a good day, Australia wasn't unusual. These people were very conscious of the FCC, and would--in fine old underground fashion--operate only for short periods on an irregular basis. They were technically as proficient as any Ham I know, but didn't want to bother with code requirements, or to observe the etiquette of the Ham bands.*

Paul, I really shouldn't appear to condone this type of thing, given some of the abuses that have been committed by renegade CB'ers; but working Australia seems almost irresistible, given the equipment and the knowhow. Thanks for writing.

Got some press releases for you now! Sounds exciting, huh? Well, these are publications you should know about....

## PROCEEDINGS 1988, by fine tuning

"Fine Tuning's Subscriber Survey indicated a real need for in-depth articles written by and for senior DXers. Luckily, that same survey revealed a number of very well-qualified volunteer authors.

"Highlights of PROCEEDINGS 1988 include a Receiver section with reviews of most of the recent 'favorite DX machines' now affordable on the used

market. The Antenna section offers virtually every DXer ways to make significant improvements to their antenna systems. The feature article on Delta Loops offers suburban DXers many of the advantages of a Beverage antenna in their own backyard! Other antenna articles should add strength to those ultra-weak signals next fall.

"There is also a section on Peripheral Equipment: Tuners, audio filters, spectrum analyzers, and tape recorders. We also offer two articles on computers as adjuncts to serious SW DXing.

"Finally, there are several feature articles. One is, we believe, the definitive article on DXing Papua New Guinea and Irian Jaya. Another is a bibliography of medium wave DXing articles which are currently available as reprints: 180 or so are discussed as being of most relevance to SW DX. There is also an extensively illustrated update from the ANARC Committee to Preserve Radio Verifications.

"The following DXers have contributed articles for PROCEEDINGS 1988: Kirk Allen; Chuck Bolland; Jerry Berg; John Bryant; David Clark; Dr. Harold Cones; Nick Hall-Patch; Fritz Mellberg; Chuck Rippel; Mitch Sams; Dan Sheedy; Jerry Strawman; and John Tow. Involved in the Review Panel were Steve Bohack, Mark Connelly, and Carl Huffaker."

PROCEEDINGS 1988 is over 200 pages, single-spaced typed, looseleaf bound with a plastic spiral. It is available for \$13.50 (+ \$2.00 postage in North America; \$3.00 surface or \$15.00 airmail overseas; all funds \$US on an American bank, please) from: Fine Tuning/Special Publications, c/o John H. Bryant, RRT # 5, Box 14, Stillwater, OK 74074.

CRISIS COMMUNICATIONS: A Handbook for Emergency and Survival Radio Monitoring, by Mark W. Johnson

"A tornado touches down across town. A hurricane rakes the coast. An earthquake devastates a Central American capital. Terrorists attack a nuclear arms shipment.

"1,001 potential disasters threaten us every day. CRISIS COMMUNICATIONS is a new book designed to help the reader prepare for trouble before it happens. The book covers everything from choosing the necessary radio equipment to antenna considerations, getting set up, organizing and planning monitoring--plus tables, diagrams, and appendix. It also includes frequencies for a wide range of agencies and groups with potential involvement in emergency communications.

"Author Mark Johnson, N7DYS, has been involved with communications monitoring for over 15 years, and works with emergency communications on a daily basis through his job as an Advanced Emergency Medical Technician."

CRISIS COMMUNICATIONS is 84 pages (8½"x11"), and is priced at \$10.95 (+ \$1.25 shipping) from: Tiare Publications, Box 493, Lake Geneva, WI 53147.

BLANDX # 3

"Just when you thought it was safe to go back to the dials, IT'S BACK! Yes, BLANDX, the summer DX-bulletin parody, is back with an all-new third edition. Everything you never really wanted to know about DXing, such as the DXers' horoscope, the truth behind Radio Moscow's transmitter sites, and details of the upcoming BLANDX Convention in Reynoldsburg, OH, the DX-Convention Capital of the World."

BLANDX is \$2 in North America, \$3 or 8 IRC's elsewhere; checks (\$US only) payable to: Don Moore, E-2½ Columbia Ave., Athens, OH 45701.

Your editor has seen BLANDX # 2 (published a year ago), and having read it about 15 times, can testify that it is a scurrilous little publication whose purpose seems to be only to deflate the pompous, little the self-satisfied, and otherwise wreak havoc upon this noble hobby and its little eccentricities. In other words, highly recommended.

I hope to feature some reviews of these publications in future Montages.

\*

SAMUEL RUBEN, R. I. P.

Self-taught physicist Samuel Ruben passed away in July, at the age of 88. DXers owe more to him than most of us realize.

Although he couldn't afford to attend college, a sympathetic professor at Columbia University let him sit in on classes, and got him a pass for the college library. Ruben opened a laboratory in the 1920's; one of his first inventions was a device that converted household current so that it could power radios. Later on, he invented a sealed mercury battery that worked under any temperature, and which the Armed Forces used for two-way radios and mine detectors.

How about those tiny, long-lived batteries which are used in pacemakers, watches, and hearing aids? You can thank Samuel Ruben. And the hardy,

omnipresent alkaline batteries that have increased the reliability of everything from flashlights to ICF-2010's? Yes, they, too, were among the more than 300 patents registered by the unsung genius of Samuel Ruben.

(Los Angeles Times; thanks to James Kline)

#### OBSCURE LANGUAGES

Philadelphia SPEEDXer Louis Delpino writes:

*I became intrigued with the Sinhala language when I began sponsoring two foster children in Sri Lanka. I contacted Berlitz and several other nationally advertised language schools, as well as numerous bookstores, but no Sinhala material was available.... I was finally told about Spoken Language Services, Box 783, Ithaca, NY 14850. It proved the end of a long and frustrating search.*

*This company offers tape cassettes and textbooks of full courses, not merely "handy phrases" and tourist-oriented stuff. My course comprises 34 cassettes and about 650 pages of text, including lessons in written Sinhala as well as the customary transliterated exercises. Amharic, Tagalog, and Telugu are among the other "unusual" languages available; a free catalogue is available, and mail-order service is excellent.*

Lou adds that he first heard about SPEEDX via HCJB's "DX Party Line," and listens on a Radio Shack DX-360 to practice foreign languages and to hear English-language news which is unavailable elsewhere. Lou, thanks for writing, and we all hope that SPEEDX continues to be a helpful and fun club for you!

#### ROTELLE

New SPEEDXer Jeff Hanson tells us that listening to radios on commercial flights (c. f. DXM, 6/88) has been forbidden by FAA regulations for some time. Thanks, Jeff--I didn't see any reference to that in any of the sources I followed, but it makes sense. Keep in touch, eh?

A few months ago, this column contained a request from Michael Faraon for help with the bells and whistles on his new Kenwood R-5000. Well, another Michael, Schulsinger, wrote to the rescue--it turns out that they were both owners of Commodore Amigas as well, and were able to trade tips on the workings of that machine...Mike S. has written an essay on the Kenwood receiver--it appears in the new "Technically Speaking" column by Kent Willis, debuting in this month's issue--inviting users of this receiver to swap information and tips in an attempt to override the flaws and misinformation in Kenwood's inadequate user's manual. Check it out.

\*

ANARC Publicity Director Mike Harris was in an automobile accident while on his way to ANARCON, and had to miss the convention...I'm glad to report that it wasn't serious enough to cause him to miss his column in NASWA's publication, FRENDX. Unfortunately, NASWA's CDE, John Henault, is recovering slowly from injuries sustained in a high-speed chase (John is a police officer in the state of Massachusetts), and it will probably be next year before he's able to resume club activities. When a cop gets hurt, we all get hurt.

\*

Speaking of CDE's, I hear that our main man in Springfield, David Jones, has been incurring the wrath of some SPEEDXers because loggings sent to him for our "Latin America" column haven't been getting through in time. Friends, Dave forwards everything; unfortunately, the difficult political and social situation in Mexico these days (especially in the aftermath of the controversial elections) have resulted in, among other things, some very erratic mail service from Carl Huffaker's QTH in Mexico City. If we have a "Latin America" column at all this month, it's because Carl paid for a courier service to get it here, at a cost that neither he nor the club can afford on a regular basis. We at SPEEDX can only hope that we can find a way to bring Carl's popular column to you every month. In the meantime, please let's not blame David Jones for voting irregularities in Sonora, OK?

\*

Brooklyn SPEEDXer Bob Miller and I went to the Empire State Building in search of the Emerson Radio Hall of Fame (c. f. DXM, 7/88); but we couldn't find it. We found the Empire State Building--I mean, we're not totally incompetent--but the Hall of Fame isn't listed on their directory yet, and the prospect of a search through 102 stories (with little help from the local employees, who didn't know nothin') was a bit daunting. If we ever do find this noble institution, we'll let you know.

SPEEDX ANNUAL FINANCIAL REPORT  
FY 1988

THIS IS A SUMMARY OF THE SPEEDX ACCOUNT FROM 1 JULY 1987 THROUGH 30 JUNE 1988 INCLUSIVE. A MORE DETAILED FINANCIAL REPORT IS PROVIDED TO EACH BOARD OF DIRECTOR MEMBER EACH MONTH.

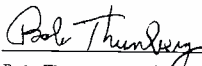
Balance on hand 1 July 1987 ..... \$4026.06

Receipts	Prepaid Subscriptions	\$4122.50
	Prepaid Renewals	5782.93
	Supplies	1047.12
	Miscellaneous (incl donations and interest)	587.53
Total Receipts		<u>\$11525.77</u>

Disbursements	Publish 11 Issues	\$ 8002.42
	Postage 11 Issues	4415.91
	HQS Postage	728.24
	HQS Supplies & Printing	58.68
	Miscellaneous	500.88
Total Disbursements		<u>\$ 13706.13</u>

Balance on hand 30 June 1988 ..... \$1845.70

I certify this summary of the SPEEDX account is true and accurate to the best of my knowledge.

  
Bob Thunberg - Treasurer

OUR PEOPLE AND OUR CULTURE: Or, maybe you thought Bryan Adams was the King?  
WCVG (1320 kHz) in Covington, KY, has gone to an all-Elvis format: Trivia, contests, and news will be interspersed with the music of the legendary semi-late entertainer. Meanwhile, KRLA (1110 kHz), Los Angeles, offers \$1 million to anybody who offers conclusive proof that Elvis is still alive. Friends, this begs for some social commentary, but my mind boggles ...if you're able to QSL an Elvis Sighting, send it to Ray Forsgren, OK?

THIS AND THAT IN RADIOLAND...

Just a week after the Senate approved funds to start a "TV Marti" service, the Cuban emigre group responsible for the SW clandestine "La Voz del CID" announced plans to run a TV station from international waters. The FCC intends to formally warn CID's secretary, Huber Matos, that this would violate American laws. (Los Angeles Times)

"Sarah," the former nautical home of last summer's most self-promoting pirate, RNI, was detained by the Coast Guard in Boston Harbor. The ship had a variety of operational, safety, and licensing problems, and the operators face a fine of \$25,000 per day if they attempt to sail it before the violations are corrected. RNI spokesperson Al Weiner says that the group hopes to have "Sarah" seaworthy by the end of the summer. (Orlando (?) Sentinel)

Glasnost strikes again: All of a sudden, Soviet ARO's--who, traditionally, have been so tight-lipped that many of them would only give approximate QTH's, never mind discuss personal lives or political matters --have become among the biggest chatterboxes on the amateur airwaves. Western Hams, who would sometimes avoid Soviet contacts because of the constrained, unfriendly feeling which would be too often apparent, welcome the new approach that their Soviet counterparts are taking: ARRL HQ in Connecticut got 540 boxes of QSL's from Soviet ops in June! (Sentinel, again)

Thanks to our intrepid reporters: Peter Card, James Kline, Ron Trotto, and Bill Westenhaver. This is the shortest DXM yet for me; a lot of interesting nooz 'n' stuff will have to wait until October. In the meantime...

73s and keep in touch.



# PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

SEPTEMBER 1988...This month sees the return of autumn, and, after the heat and drought conditions of the summer, let us hope that we get some cool, wet weather...just perfect for staying inside and listening to shortwave radio.

GUAM...AWR-Asia's LISTENER MAILBOX in English, hosted by Greg Scott, airs for 15 minutes every Sat 0200 UTC on 17865 Khz, 1500 UTC on 11810 kHz and 2115 UTC on 9465 kHz. (Yukimasa Matsushita, JAPAN; James Kline, CA)

KOREA...Listen to Radio Korea this month for news and information on the 1988 Summer Olympics. They should provide an interesting insight into the excitement of a country hosting its first Olympiad.

SOUTH AFRICA...As the seasons change, Radio RSA's reception should improve in the Western Hemisphere. An interesting transmission to try to hear is the 0400-0426 UTC broadcast to Africa and the Middle East. Heard daily, it features NEWS, LISTENERS QUESTIONS and NEWS IN BRIEF. (RSA info from Peter Card, RI)

SWEDEN...Radio Sweden broadcasts an interesting lineup of English programming. On Mon-Fri you can hear WEEKDAY, followed by: Mon NORDIC MUSIC Tue SWEDEN CALLING DXERS Wed Studio Guest Thu Studio Guest or HORIZON Fri NORDIC MUSIC. Sat features NORDIC NEWSWEEK, while Sun has a different program every week of the month--MAILBAG, STAMP CORNER, SWEDISH SPECTRUM, SPECIAL FEATURE PROGRAM MAGAZINE. The NORDIC MUSIC feature on Mon has classical, folk or jazz, while the Fri edition has rock, pop or folk. (James Kline, CA)

TURKEY...The Voice of Turkey is an interesting station to listen to. English programs are as follows: DAILY NEWS, followed by Mon ARMENIAN FILE Tue ATATURK, TURKISH ALBUM Wed LETTERBOX Thu VOT MARKING ITS 50TH ANNIVERSARY, WHAT DO YOU KNOW ABOUT TURKEY? Fri ARCHITECT SINAN, FRAME Sat OUTLOOK--DX, FROM TURKEY WITY LOVE Sun THE DWELLERS OF ANATOLIA THROUGH THE AGES, TURKISH PANORAMA. (James Kline, CA)

UNITED KINGDOM...BBC World Service is now the name for not only the 24-hour English Service but also the BBC External Services in general. At least for me, this move will be a confusing one. (WS)...This month, the BBC will, like most broadcasters, focus on the 1988 Summer Olympics. However, there are a number of other programs of interest on the BBCWS English...FROM RAJ TO RAJIV is a 5-part series which looks at the way India is today--and it's not all doom and gloom. There are many positive developments in the country which will be looked at by reporter Mark Tully. Tune in Sun 1915, Mon 0101 and Fri 1515 UTC...For some Indian literature, tune in to MALGUDI DAYS Mon (from 19th) 0815, Fri 2145. (London Calling, 9/88)

USA...Voice of America has coverage of the Olympics this month, as well as look at the new trans-Atlantic cable (fiber optic) on COMMUNICATIONS WORLD (9/17). Also, a report on the history of the political party symbols of donkey and elephant is presented on the special English program AMERICAN MOSAIC (9/30). COUNTRY MUSIC USA looks at musical highlights of the CMA awards during the program this month. (Thanks to William E. Westenhaver of Que for sending this information)

VATICAN...Vatican Radio in English has: Mon A MANY-SPEENDORED THING Tue TALKING POINT Wed VATICAN WEEK Thu VATICAN VIEWPOINT Fri THE CHURCH TODAY Sat WITH HEART AND MIND Sun THE POPE, THE CHURCH AND THE WORLD. (Yukimasa Matsushita, Japan)

Thanks to all our contributors for this month's column. I hope that you all have a good month and I look forward to seeing you in the October issue. Let me know whose Olympic coverage you like best--and who does the worst job of reporting. Until then, here's wishing you

GOOD LISTENING!





# North America and Caribbean



Send loggings to:  
Thomas F. Sable

Send loggings by the twelfth of the month to:

Thomas F. Sable  
University of Scranton  
Scranton, PA 18510

Sorry for the temporary change in format this month, but the laser printer is down for repairs. The weather is cooling off rapidly and the summer DX doldrums seem to be wearing off, so without further ado, the loggings:

## ALASKA

- 9710 1200 KNLS RR; IS, ID (322 7/28 Worob-TX)
- 9750 1603 KNLS "American Magazine" religion in USSR (343 7/10 Wright-MB)
- 11715 0815 KNLS "American Magazine" laser surgery for tumors, "All about Jazz" (343 7/22 Kline-CA)(Johnson-CA)

## ANTIGUA

- 5975 1118 BBC Elevators (555 7/25 Trescher-PA)
- 6040 0130 DW Larry Wayne's last "Germany Today" after 22 years! (444 7/2 Westenhaver-QU)(Wright-MB)
- 6195 0444 NRS Inuit; accordion contest, CBC nx (343 7/23 Thompson-CA)
- 9605 0300 DW Commentary, Letter from Cologne (444 7/25 Trotto-FL)
- 9640 0756 BBC "Network UK" on country policemen (454 7/28 Kline-CA)

## CANADA

- 5960 0138 RJ "DX Corner" Kaz Matsuda chats with Bruce MacGibbon (444 6/27 Westenhaver-QU)(Levison-PA)(Trescher-PA)
- 6070 1151 CFRX Sports report (423 7/29 Trescher-PA)(Moman-MB)
- 6120 1130 RJ Economic Report (555 7/27 Trescher-PA)
- 9510 1141 BBC Politics in America (555 7/27 Trescher-PA)
- 11845 0110 RCI "Listeners' Corner" (444 7/31 Brown-IL)
- 11940 0104 RCI World and Canadian nx, blue grass and folk mx (555 8/6 Miller-CA) 0212 PP; World nx (333 7/27 Ehly-IA)
- 11945 2100 RCI World at Six: breakup of Soviet spy ring (242 6/22 Westenhaver-QU)
- 15260 1502 BBC "From Our Correspondents" (555 7/10 Brown-IL)
- 15305 1330 RCI RR; Canadian cancer research, DX program; Altai DX club (444 7/28 Anywodi-VA)

## CUBA

- 6035 0200 RHC "Nuevo Wavo Cubano" romantic ballads (555 7/15 Robinson-TN)
- 6140 0200 RHC "Spotlight on Cuba" boxing nx (555 7/6 Robinson-TN)
- 9655 0451 RHC lively SS songs and ballads (555 7/26 Kline-CA)
- 11875 1100 RHC Orchestra Aragon; nx of Angola (555 7/6 Robinson-TN)

## NETHERLANDS ANTILLES

- 6165 0230 RN "Happy Station" trip to ANARCON '88 (555 8/1 Kline-CA)
- 9535 0406 TWR Born again message (555 7/26 Kline-CA)
- 9590 0229 RN Arab League supports Iraq position on ceasefire. "Newsline" (433 8/3 Brown-IL)
- 9630 0730 RN "Happy Station" (444 7/3 Trotto-FL)
- 15245 1423 RN Halftime show for following football match; one day only on this frequency (444 6/25 Westenhaver-QU)
- 15270 1527 RN Dutch; Holland-USSR football (343 6/25 Westenhaver-QU)
- 15315 0029 RN Dutch; IS, ID, nx (555 8/1 Brown-IL)
- 15345 1136 TWR Caribbean nx, financial quotations, baseball scores, TCs (343 7/6 Westenhaver-QU)
- 15355 0002 TWR PP; Religious story and talk (434 7/2 Trotto-FL)

**PIRATES**

- 3485 0255 **R. Venceremos** SS; Fiery speeches, YL IDs, martial mx (353 7/22 D'Angelo-PA)
- 6305 0540 **V. del C.I.D.** Latin fanfare and ID (333 6/29 Moman-ALB)
- 7415 0316 **KMBS** ID "The Voice of the California Marijuana Cooperative" pro-drug talk (353 7/2 Blight-MD)
- 7415 0330 **Secret Mountain Laboratory** Parody of a country music station (53 7/2 Blight-MD)(Trotto-FL)
- 9940 1257 **V. del C.I.D.** Latin mx with echo effects (343 7/17 Abbinante-IL)
- 9960 0030 **R. Caiman** SS; Talks of Castro, YL sings romantic ballads (555 7/4 Robinson-TN)(Trescher-PA)

**UNITED STATES**

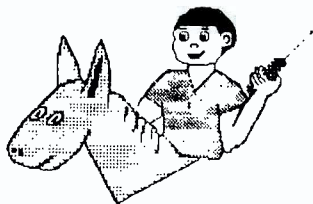
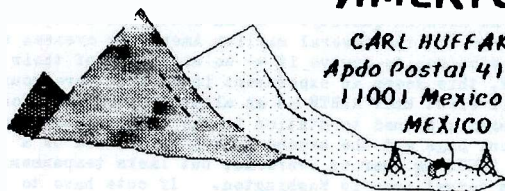
- 5950 1022 **WYFR** Numbers in the Bible. Frequency announced as Monday through Friday only (253 7/26 Kline-CA)
- 5985 0232 **VOFC** Local mx, YL vocal, Song: "Money brings Bad Luck" (444 7/21 Levison-PA)(Trescher-PA)+1
- 5995 0157 **VOA** Report on tropical timber countries (444 7/27 Ehly-IA)(Trescher-PA)+2
- 6030 0215 **AFRTS** All Star Game (555 7/13 Miller-CA)(Trescher-PA)+3
- 6140 1133 **VOA** SS; Reaganomics, nx, "Buenos Dias America" (555 7/27 Trescher-PA)
- 6155 0515 **KUSW** Ads for Mormon music (555 7/10 Miller-CA)
- 7355 0207 **WRNO** Top 40 mx (444 7/27 Ehly-IA)
- 7400 0301 **WHRI** news of fire that destroyed WHRI's studios (444 6/15 Westenhover-QU)
- 9455 0142 **VOA** Columbian pipeline destroyed by floods (544 7/26 Brown-IL)
- 9520 0404 **WYFR** "Nightwatch" with religious mx (555 7/26 Kline-CA)
- 9550 0655 **VOA** Democratic Convention report (354 7/22 Kline-CA)
- 9575 0430 **VOA** "Tuesday Morning" greenhouse effect (555 7/26 Kline-CA) Lithuanian; ID, nx, OM (332 7/9 Wright-MB)
- 9590 2336 **BBC** David Bowie mx (454 7/9 Anthony Jones-TN)
- 9590 1211 **RM** SS; Placido Domingo (555 7/23 Trescher-PA)+1
- 9620 0729 **WHRI** studio fire (444 6/13 Westenhover-QU)
- 9680 0215 **VOFC** Program announcements, "Journey into Chinese Culture" (533 7/29 Trescher-PA)
- 9715 0200 **WYFR** SS; Gospel mx, Inspirational message (544 7/15 Wright-MB)
- 9840 0134 **VOA** SS; Buenos Dias America (555 7/29 Trescher-PA)
- 9850 0127 **WCSN** International Sports Report (555 7/29 Trescher-PA)
- 11730 0446 **AFRTS** Bush vs. Dukakis (333 7/10 Anthony Jones-TN)
- 11740 0212 **VOFC** Commentary on US praise for Taiwan's liberalization (333 6/28 Westenhover-QU) SS; YL vocal mx (353 7/10 Anthony Jones-TN)
- 11790 0210 **AFRTS** Phillies vs. Mets (444 7/25 Brown-IL)
- 11830 2143 **WYFR** Religious mx (555 7/27 Trescher-PA)
- 15055 1325 **WYFR** "Open Forum" phone-in (242 7/2 Anywodi-VA)
- 15145 0211 **WINB** "Morning Sunshine" into SS (343 7/8 Wright-MB)
- 15160 0019 **VOA** SS; talk about ex-president of Ecuador, Argentina (233 7/28 Kline-CA)
- 15185 1724 **VOA** special phone-in program with former Chief Justice Burger with calls from Beijing, Jamaica and Australia (555 7/1 Westenhover-QU)
- 15205 0014 **VOA** Cambodian /Vietnam talks (444 7/25 Brown-IL)
- 15300 2259 **WCSN** IS, ID, nx: IRA claims responsibility for bomb at army base (454 8/1 Kline-CA)
- 15345 0012 **AFRTS** Baseball scores and news (333 7/25 Brown-IL)
- 15390 1833 **WCSN** Open Doors to China (322 7/23 Trescher-PA)
- 15410 1600 **VOA** Nx of Iranian jetliner shooting (444 7/4 Ehly-IA)(Brown-IL)(Robinson-TN)
- 15420 1707 **WRNO** Light rock mx (555 6/25 Brown-IL)
- 15580 0031 **KUSW** Ads, Carol King mx (555 8/1 Brown-IL)
- 15690 2116 **KUSW** Songs by Crowded House and Bob Dylan with DJ Faith Martin (454 6/11 Westenhover-QU)

*Page for new T.A.S.*



# LATIN AMERICA

CARL HUFFAKER  
Apdo Postal 41-507  
11001 Mexico, DF  
MEXICO



FREQUENCIES in Kilohertz

DEADLINE: 12th

TIMES/DATES in UTC

The reports that I received from Gabriel Barrera this month set me thinking. It was a regular air mail envelope with an intentionally broad selection of small-denomination stamps, a policy that we could all well follow for our reception reports, and carried the following imprint:

ACTIVIDAD DE INTERES NACIONAL  
TARIFA REDUCIDA  
RADIOAFICIONADOS  
Resolucion D.G.C. 26/66

Yes, Argentina does have a special postage rate for the hobby, and because they have found it a hobby that promotes the national interest. In the Third World especially, and I include those countries that have acquired the status of developing, the DXer is an unofficial ambassador. A friendly report to a small station in Latin America is mentioned on the air. The listeners realize that they have friends in the North that are interested in them. Remember this the next time you write. It creates more international goodwill than building a station whose mission is to change a religion or a political philosophy or the multi-million dollar shocks to the economy that we throw into a country and then leave hanging.

Reduced postage for the hobby is something that might well be discussed at the next ANARC, or the next time you write your congressman. Economically, it would probably make little difference to the Postal Service, or to us more than an extra dinner or show during the year. But it would recognize the part that shortwave, and those who listen to shortwave, plays in international relations. Certainly, it would be a reversal of the VOA's unilateral policy of denying printed material to American citizens and residents. I don't deny the validity of the legal technicality that is the basis for this, but I feel that it is a selfish denial of the DXer's international role.

Gabriel had been on another DXpedition, to Coronel Vidal 340 kms south of Buenos Aires. DXpeditions seem always to favor the tropical bands, this column, Al Quaglieri's, and Bill Westenhaver's. Using only a 20-meter "L" antenna, he demonstrated dramatically that leaving the electrical garbage and RF saturation of an urban area puts "the world at your fingertips". Guy Atkins spent a Night on Bald Mountain (actually Baldy Mountain in the Wyoming Bighorns) and managed to find room for 2500 feet of wire which he pointed towards SE Asia with amazing results. I know of only two DXers who live in sufficiently isolated locations to have room for multi-wavelength tropical band antennas so most are temporary and usually a group project. If you plan a DXpedition for the fall, point a Beverage toward Latin America. The pattern will cover the continent neatly. A few things to remember in planning the trip; the far end of the antenna should be terminated with an impedance equal to that of the antenna (300-600 ohms); if your receiver has only a 50-ohm antenna connection, you'll need a transformer; and this type of antenna works best over soil of extremely poor conductivity, so keep away from moist areas and salt water. Properly, it should be about 30 feet above the ground, but length is far the more important factor, and even lying on the ground, it's a good antenna. Even with a group, things will happen too fast, record everything, and if you can split your tape (stereo), keep the second channel for WWV and your voice notes on frequencies. The easiest way to do this is an open mike and a second receiver tuned to WWV. Like any expedition, the time spent in planning and optimizing equipment pays off.

Before I go on, I just heard AFRTS running some of their feature feeds at double speed. To copy these broadcasts, set your recorder at double speed (marked as "High Speed Dubbing" on most machines) and replay them at normal speed. The results here were excellent with no loss in quality. As Ed mentioned in his last column, AFRTS is scheduled to end -- and the several million Americans overseas will all vote for whichever candidate promises to revive it -- so with many of their programs on tape, or tape-delayed, this seems an experiment in packing more hours of program into less air time. I first knew AFRTS as an alternate to Tokio Rose, and they are many times over my most listened to station in the 45 years that have followed. This is only the second page and the second time I've climbed on a soap box, but more than the VOA, AFRTS in America overseas, but lacks tempermental, top-heavy bureaucracy whose main target area is Washington. If cuts have to be made, let's start with the propaganda mills. As DXers, to understand a country, we tune, not to the official outlets, but to those stations whose programs are intended for the nationals. I hope that some of you can transmit some of this DXpertise to your congressman.

Back to the south. Argentina is in winter, and Gabriel is enjoying the season that we're all waiting for. His logs of seldom reported stations will make a valuable reference as the season develops. I'll list some of them here so you can refer to them easily during the coming months. All were logged from Coronel Vidal using an ICOM IC-R71D and a 20-meter "L" antenna, and all are in Spanish. Because of the special nature of this section, I am listing the logs by frequency, but have added the location after the station name.

- 3200 01:44 Radio 9 de Abril, Planta Industrial de Pulacayo (Bolivia), Mx, ID, "Sábados Espectaculares desde 9 de Abril, desde La Planta Industrial de Pulacayo, estamos ..... fin de semana Sábados Espectaculares, su emisora amiga Radio 9 de Abril que transmite en 3200 kHz, banda de 96 metros, onda corta." (7/10 454)
- 3420 10:45 Radio Melodia, Bermejo (Bolivia) program "Buen Día co Melodia" (7/8 353)
- 4238 10:52 Radio Inca, Baños del Inca (Peru) ID, "Esta es la emisora de los peruanos que transmite desde Los Baños del Inca en la ciudad de Cajamarca, Radio Inca, la primerísima del dial te acompaña desde las 4 de la mañana hasta las 22 horas de la niche" (7/8 353)
- 4895 09:53 Radio Chanchamayo, La Merced (Peru) program "Melodias Andinas" huaynos (7/9 444)
- 4964 21:33 Radio Juan XXIII, San Ignacio de Velasco (Bolivia) ID, Nx "El Informador" (7/8 232)
- 4966 01:42 Radio San Miguel, Cuzco (Peru) TC "8:44 en Radio San Miguel" huaynos (7/10 343)
- 6015 03:33 Radio El Mundo, Santa Cruz (Bolivia) cumbias, ID "La mejor música y los ritmos más contagiantes de la ciudad, que con gusto transmite El Mundo para sus gentiles oyentes" (7/10 454)
- 9750 14:01 Radio Minería, Santiago (Chile) ID at 11:05 "Minería informa cada hora y en la hora ..." (7/9 433)
- 11945 16:29 Radio Encarnación, Encarnación (Paraguay) folkloric music, ID "Esta es Radio Encarnación ....." (7/9 453)

Gabriel logged many other stations during the three day session, but these were the most seldom reported of the long list. He reported the music on La Voz de Cimruco as "música llanera". For years, I've been trying to remember that term but it's been one of those mental blocks. In my log, I note it as "cowboy music", but wisely, never use that term in my reports. The Llanos is, as are many areas in Latin America, a separate region and culture and are proud of their identity. In writing reports to tropical band stations, replay the tapes carefully and try to pick out the regional terms in the announcements. It's these terms, rather than the exact time of any announcement, that will convince the station that it was them that you listened to.

In this last few lines on this page, I'll mention that reception from southeast Asia has been very good around sunrise here when the South Americans fade abruptly, so continue monitoring for another hour and get your reports in to Bill Westenhaver.

Now to the logs. The mail here has been late, late, late, and as I'm hesitant about using old logs, those that should have appeared last month, I'll have to omit quite a few. I'll use my own (ch-MX) to fill in wherever I can in hope that the column will serve a better reference, the month that it is on your desk. Unless noted other wise, the language is Spanish, and for Brasil Portugese. The frequency is in kHz., and the time UTC.

#### BRASIL

- 3374 10:15 R Ed, Guajar-Mirmi non-stop Mx with break-in anvmts until ID and ads at 10:29 (333 8/11 ch-MX)
- 4815 09:21 R Nac de Tabatinga rel Px, ID at 09:29 just before being covered by QRM (322 7/23 ch-MX)
- 4865 01:01 R Verdes Florestas ID "Radio Verdes Florestas", Mx (322 7/8 Bishop-NY) (This station is more difficult than ever with L V de Cinaruco reactivated on the frequency. ch)
- 4975 09:32 Rdif Aquidauana LA pop Mx, ads with echo, ref to Aquidauana with 09:45 TC (333 7/23 ch-MX)
- 5045 08:00 R Cultura do Para Tx, ID with echo (353 7/29 Howell-CA) (242 6/17 Westenhaver-PQ)
- 6000 08:13 R Guaiba Brasoballad, ad string, promos, then "Bom dia ouvintes de Radio Gaucha" (242 6/17 Westenhaver-PQ)(Howell-CA)
- 6090 08:04 R Bandeirantes 20M DJ's chat with frequent sound effects, lots of UTC-3 TC's, station address given, some Mx (243 6/13 Westenhaver-PQ)
- 9695 09:14 R Rio Mar Sertanejo Mx, taped ID in GG at 09:18, jinglr ID's, Mx (243 6/17 Westenhaver-PQ)

#### COSTA RICA

- 6150 05:20 R Impacto Nx, ID, freqs (555 6/21 Laag-CA)
- 10060 01:00 R Impacto "Impacto Noticioso ..." good here but no sign of fundamenta fundamental 5030 (343 6/14 Westenhaver-PQ) (In checking my log, I have Impacto noted on 5030 for 6/12 and 6/18. The signal on 6/12 was rather poor, and they were completely missing later. So I don't believe 10060 was a harmonic, but was due to some stage in the Xmtr accidently functioning as a doubler. ch)

#### COLOMBIA

- 4755 00:36 Caracol, Bogot refs to Colombia, ads for Coke (433 7/4 Bishop-NY) (Forrest missed the ID on this reactivation and listed it UNID. I added the station name. ch)
- 4865 03:53 L V del Cinaruco call letters and freqs, Mx, mention of Caracol, off at 04:00 (333 6/19 Laag-CA)
- 4895 10:58 L V de Rio Aruca rel Px, TC & promo on the hour (322 8/9 ch-MX)
- 5955 09:25 L V de los Centauros mournful ballads, Coca Cola ad, Caracol ID, Villaviciencia ad (232 6/30 ch-MX)
- 5975 07:47 R Macarena promo for Sunday Px, Todelar ID's, Mx UTC Friday -- on all night now? (seems so, I logged them at 08:00 on 7/11 ch) (343 6/17 westenhaver-PQ)
- 6035 10:25 L V de Guaviare Mx Px with "RCN" ID's, "L V de Guaviare" ID at 10:29 (242 6/30 ch-MX)
- 6170 10:46 L V de la Selva "Buenas Dias Caqueta" Px, Caracol ID's, "L V de la Selva" ID at 10:57 (232 6/30 ch-MX)

#### ECUADOR

- 3395 02:17 R Zaracay sounds like a soccer game (221 6/21 Bishop-NY)
- 4760 10:48 Ems Atalaya rally sponsering a govt Px to get the campesinos in the provience of Guayaquil to produce more cocoa, full ID with bugle at 11:02 (232 8/6 ch-MX) (be careful of this station, at 10:00 they carry the Radio Quito Nx which starts "Radio Quito, La Voz de la Capital presente ...." ch)
- 4820 08:59 R Paz y Bien signing on with NA and long list of the PX for the day (333 8/16 ch-MX)
- 4840 02:51 R Interoceanica mentions of Ecuador and closed with HC NA (322 7/4 Bishop-NY) (it seems that their equipment needs reworking as their signal seems to have worsened gradually during the past 8 months. It's a common pattern in Latin America's frontier areas. The whiz kids in their air-conditioned offices can design equipment to withstand the conditions of outer space, but always seem somewhat a loss when it comes to understanding the conditions of tropical operation. And even locally built equipment suffers from accepting designs and componets from afar. ch)

ECUADOR (cont)

- 4870 09:13 R Rio Amazonas early AM Px "Campo Ecuatoriano" (343 8/4 ch-MX)  
 5015 09:27 Escuelas Radiofonicas Px of indigenous Mx in local lang, ID at 09:32 (343 9/28 ch-MX)  
 5050 09:29 Jesus del Gran Poder elaborate s/on with full ID, NA at 10:01 (343 7/24 ch-MX)  
 5060 10:58 R Nacional Progreso s/on ancmnt, ads, some orirntal-sounding Mx, and a long promo at 11:12 with "... en todo, La Progreso" and "Todos la gusta Nacional" (343 8/4 ch-MX)  
 17890 1530 HCJB EE Px "Chilrens' Bible Hour" (544 6/19 Laag-CA)  
 9610 06:45 HCJB EE Conquistadores, Nx, Death as a Taboo (544 7/20 Leader-Ireland)

FRENCH GUIANA

- 5055 07:11 Radio France usual OM/YL Am Px with pop Mx, Tx is in FF, Mx in FF, SS, & EE (343 8/16 ch-MX) sounds like a new Xmtr, but still the same Px as previous years. the signal peaks around 09:00 ch)

NICARAGUA

- 6100 05:03 L V de Nicaragua EE Nx (333 7/27 Howell-CA)(Laag/CA)(Westenhaver-PQ) (all mentioned YTV0 on the frequency) (on Sunday morning 8/14, when Nicaragua was an hour-and-a-half into daylight and 49 meters was essentially local, they carried a regular program, "La Evangelica en la Revolucion". The Px stressed the importance of Pope John Paul's declaration of the Marian Year and gave schedules of special Masses on Monday to mark its end. In replaying the tape of this official government broadcast, I could find no hint of anti-Vaticanism. The conflict, and it's a vicious one, is not nearly as in the open as the news media would suggest. ch)

PARAGUAY

- 9735 10:08 R Nac de Paraguay Px of Latin Mx, ID (433 7/1 Kline-CA)(00:07 7/15 Howell-CA)

PERU

- 3330 10:29 Ondas de Huallaga Px of OA Mx, references to station and Huanuco ads (232 7/23 ch-MX)  
 4775 10:08 R Tarpa OA Mx, full ID by YL at 10:09 (322 8/6 ch-MX)  
 4810 09:09 R San Martin OA NA, s/on anmt with ID, into OA Mx (422 7/25 ch-MX)  
 4822 08:51 R Atahualpa AM Px of OA Mx with a lot of DJ yak, roosters, ID at 08:58 "desde la Capital, Cajamarca, Radio Atahualpa" (343 7/31 ch-MX) (they have been running all night on Saturdays. ch)  
 4970 06:54 R Imagen usual Sat Nite Px of OA Mx (242 7/24 ch-MX)(all nite Sats)  
 4990 02:55 R Ancash OA Mx, TC's, Nx (333 6/19 Laag-CA) (the station was not identified. I added the name as the log mentioned that SABC, the only other station on the freq at that time came on and covered them. ch)  
 4996 03:25 R Andina non-stop Tx, ID, Happy Birthday in EE (443 7/27 Howell-CA)  
 6010 11:27 R America OA Mx, TC's, ad for Universal, reference to station (232 7/7 ch-MX)  
 6117 09:25 R Unión personal anmts, OM/YL, ad for llantas (tires in most of Latin America, gomas in Puerto Rico, and neumáticos to the blue-bloods. watch for the particular usage when you write a report.) (333 7/7 ch)

VENEZUELA

- 3275 09:51 R Mara pop Mx non-stop until ID on the hour (232 8/4 ch-MX)  
 4830 02:07 R Táchira group singing (443 7/4 Bishop-NY) (They may have a higher power transmitter that they test occasionally ch)  
 4850 02:47 R Capital LA & pop Mx (543 7/4 Bishop-NY)  
 4970 02:50 R Rumbos LA Mx, anmts, TC's (433 6/19 Laag-CA)

If you tried to visualize the "Grounded Random-length Antenna" described in the August issue, perhaps I can clarify it. First, "random-length" means only that the designer did not specify a design frequency. Until you reach lengths of half a kilometer, all antennas have a resonant frequency. I believe that the description was of a short horizontal antenna with a vertical download to ground at one end. The receiver was tapped into the download at a point somewhat above ground. The antenna functions as a vertical (the download) with a capacity hat (the horizontal) and a shunt feed (the tapping point of the receiver lead). It's a good antenna and has been widely used in MW for years. If you build one, I'd suggest that the length of the horizontal section is less important than that of the vertical, the ground should be of good quality, and the receiver tapping point adjusted along the download to match the input impedance of your receiver. 73's ch-MX

# EUROPE

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

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



BOARDING PASS  
 Row     
 Seat Window Center Aisle  
 Flight    
 Destination: \_\_\_\_\_

# EUROPE

I hope you're handling the heat! It's unbelievable the number of days that we have had it in the 90's. Today it was over 100°. Working on an assembly line at a furniture plant is no fun task in this type of weather. last week I was down with the flu but got the column done alright.

### ALBANIA Radio Tirana

- 5057 1614 Gjirokastër Albanian; Alb. pop mx, Balkan mx, children singing (333 7/7 Dillon-Greece)  
 7065 0338 RT EE; how U.S. & U.S.S.R. are escalating biological weapons (444 7/25 Cichorek-NJ)  
 9760 0055 RT Albanian; Alb. mx, IS. into SS @ 0100, nx (555 6/24 Trescher-PA)

### AUSTRIA Radio Austria International

- 9875 0030 EE; premier of Philip Glass Opera '1000 Airplanes on the Roof' (544 7/20 Pfeifle-NY) 0030 EE; Wld Exposition in Vienna in the planning (444 7/17 Stanley-AZ) 0103 EE; SW Panorama (444 7/16 Brown-IL) 0326 SS; multi-ling IDs, into SS pgm @ 0330 (gd 6/29 Moman-Rocky Mts.)  
 15320 1250 EE; anmt of modulation test transmission through August (342 7/19 Fraser-MA)

*RAI sked changes for S88 are 0700-1700 Eu 13730, 1300-1500 SWEu 21490, 1100-1300 ENAm 15450, 0300-0500 WNAm 6015, 0200-0400 CAM 9870 to SAM 0000-0200, 1500-1700 Waf 21490, 1700-2100 Waf 21490, 1700-2100 SAf 15175, 1000-1300 S&SEAs 13730, 1300-1600 S&SEAs 11780 & 0600-0900 AuAs 15450. (Austrian SW Panorama 8/13)*

### BELGIUM Belgische Radio en Televisie

- 9925 2330 BRT EE; aftermath of attack on Greek cruise ship (242 7/13 Stanley-AZ) 2111 EE; air traffic control (545 7/20 Leader-Ireland) \*2330 EE; disc. on rats vs. muskrats (555 7/26 Card-RI) 2331 EE; nx, press review (543 6/29 Ryan-NY) (Troto-FL) (Brown-IL)  
 17595 1635 BRT EE; pop/rock mx, nx, 1700 into FF (233 8/5 Miller-CA)  
 21810 1750 BRT FF; naturalist art, ID "Ici Brussels," (353 8/3 Janusz)

### BULGARIA Radio Sofia

- 7670 0320 Stolnik Bulgarian; pop vocals, OM w/ nx, tlk (333 7/28 D'Angelo-PA)  
 11750 0335 RS EE; political comments on U.S. elections, cl mx interval (434 7/29 Levison-PA) 0500 FF; IS, nx on U.S. politics (433 7/10 A. Jones-TN) 2030 EE; wld nx (555 7/25 Trescher-PA)  
 11950 2354 RS EE; ID by YL, // 9700 (444 8/7 Cichorek-NJ) 0020 FF; "La Vie en Bulgaria" about workers' self-management of their factories (444 8/2 Westenhaber-QU) 2149 EE; nx, space weapons sound between items (fr 6/28 Rocky Mts.)

### CZECHOSLOVAKIA Radio Prague

- 7345 0300 RP EE; cease-fire between Iraq & Iran hopeful w/in a week (343 7/18 Stanley-AZ)  
 9540 0117 RP EE; Scrapbook pgm (555 6/9 Trescher-PA)  
 9740 0100 RP EE; rocket attack on Kabul, Afghanistan (433 7/19 Stanley-AZ)  
 11990 0100 RP EE; Gorbachev's visit to Poland (242 7/15 Stanley-AZ) 0132 EE; cmtry on health & various treatments (444 7/8 Levison-PA)

**DENMARK** **Radio Denmark**  
 11765 \*0000 Danish; IS, ID, "This is R. Denmark, Copenhagen, Denmark, for the east coast of NAM, on 11765, in Danish only" (434 7/20 Trotto-FL)

**FINLAND** **Radio Finland**  
 9635 0230 RF EE; rpt on Finnish chemical industry (433 7/17 Stanley-AZ) 0230 EE; Carlucci to have tlks in Moscow (333 7/27 Brown-IL)  
 11755 0230 RF EE; inflation in Iceland up 25% (444 7/13 Stanley-AZ)  
 15400 1335 RF EE; Watergate, LAM perspective, folk mx (444 7/17 Miller-CA) 1326 EE; letters, history of R. Finland (444 7/17 Abbinante-IL)

**FRANCE** **Radio France International**  
 7120 0020 RFI FF; comtry, ment France, Africa (555 6/18 Trescher-PA)  
 9550 0325 RFI EE; Made in France, tlk of construction industry (342 7/11 Wright-MB)  
 9790 0057 RFI SS; "Aqui Paris" ID, nx summary (555 7/26 Trescher-PA)  
 9800 0024 RFI FF; ID, nx summary (534 7/26 Trescher-PA)  
 11790 0730 RFI FF; nx w/ rpt from Madrid (343 7/22 Matsushita-Japan)  
 11965 0530 RFI FF; rock mx, nx on ME (555 7/10 A. Jones-TN)  
 17620 1612 RFI EE; French & wld nx, Afghan resistance, S. Korean protectionist policy (444 7/18 Miller-CA)  
 17720 1303 RFI EE; Dixieland jazz (322 7/17 Abbinante-IL)

**GERMAN** **DEMOCRATIC REPUBLIC** **Radio Berlin International**  
 9620 0208 RBI EE; reading reception rpts from U.S. listener (322 7/17 Abbinante-IL) 0201 EE; production of goods, questioning of miners about learning a new trade, // 6080 & 11785 (444 6/10 Levison-PA) 0300 EE; wld nx, ME summit (555 6/11 Trescher-PA)  
 9730 0007 RBI EE; wld economy, Panorama (434 7/9 Levison-PA) 0158 EE; swimming competitions in E. Germ. (555 7/29 Trescher-PA)  
 11785 0345 RBI EE; rpt on G.D.R. rock group (444 7/13 Stanley-AZ) 0145 EE; Mandela, Afr. Nat'l Congress, 0156 DW IS over RBI (343 7/17 djs-WI) 0150 EE; G.D.R. calls for chemical weapons (433 7/8 Ruckman-OH)  
 13610 1803 RBI EE; anti-Jewish pogroms in 1938 (352 8/3 Janusz-NJ)  
 15145 1750 RBI EE; G.D.R. Magazine (222 7/24 Johnson-CA)  
 21540 \*0858 RBI EE; Newsdesk, comtry, DX pgm, spts, 0942\* (353 6/7 Matsushita-Japan)

**GERMANY** **FEDERAL REPUBLIC OF** **Deutsche Welle**  
 3995t 0319 DW GG; OM/YL w/ nx?, no ID (322 5/20 Ryan-NY)  
 6100 0210 DW GG; German nx, Bonn, Bundestag (555 7/25 Trescher-PA)  
 6120 0300 DW EE; air traffic congestion in Eur (333 7/21 Stanley-AZ)  
 9690 0233 DW EE; Morning Magazine, to Asia (333 7/25 Trotto-FL) 0200 EE; wld nx, Moscow summit (533 7/2 Trescher-PA)  
 9730 0027 DW GG; Eu nx, ment Deutschland (555 6/18 Trescher-PA)  
 11725 0445 RFE/RL RR; presumed rel svce w/ hymnal mx (444 7/10 A. Jones-TN)  
 11795 0510 DW AA; end of nx, mx interlude, tlk (433 7/10 A. Jones-TN)  
 15510 0937 DW EE; country mx, unification of Korea (545 7/24 Leader-Ireland)

**GREECE** **Voice of Greece**  
 7430 0335 VOG Greek/EE; Greek mx w/ vocals, Dukakis wins Democratic nomination for president (433 7/21 Stanley-AZ) 0140 EE; wld nx, ME situation (555 6/18 Trescher-PA)  
 9420 0131 VOG Greek/EE; tlks between the Russians & Greeks (544 7/26 Brown-IL) 0130 EE; Turks fire test missiles in Aegean (444 7/8 Ruckman-OH) 0231 Greek; Greek mx, wld nx (555 6/9 Trescher-PA)  
 9935 1758 Thessaloniki Greek; Greek mx, EZL-type Greek mx (444 7/19 Dillon-Greece)  
 11595t 0904 Thessaloniki Greek; YL w/ tlk, Greek mx (232 7/3 Trotto-FL)  
 11645 0115 VOG Greek/EE; Greek inst mx w/ vocals, 4 people dead in terrorist attack on Greek cruise ship (343 7/11 Stanley-AZ) 0140 Greek; Greek mx, "La Voix Athene" ID (553 8/3 Kline-CA) 0127 EE; Greek vocal mx, Greek soldier wounded on the Green Line (444 7/31 Brown-IL)  
 11925 0500 VOA relay EE; nx, Saturday Morning, tlk of drought (333 7/9 A. Jones-TN)  
 15630 1540 VOG EE; Greek folk mx, tlk on U.S. downing of Iran airbus (333 7/20 Abbinante-IL)



**HUNGARY Radio Budapest**  
 9835 0130 EE; Budapest DX Show, 0145\* (333 7/15 Stanley-AZ) 0133 EE;  
 DX nx items (434 6/17 Levison-PA)  
 11910 1515 EE; DX pgm, // 9835 (333 6/30 Anywodi-VA)

**ICELAND Iceland State Broadcasting Service**  
 15659 1937 Icelandic (presumed); mx (IS?), YL w/ ID 'Utvarp  
 Reykjavik,' bridge mx, OM w/ nx (252 8/7 Laves-TX)  
 17558 1950 Icelandic (presumed); // 15659, nx, short musical notes &  
 2008 & abrupt 0000\* (444 8/5 Cichorek-NJ)

**ITALY Radiotelevisione Italiana**  
 9575 0100 RAI EE; Italian politics (333 7/29 Brown-IL)  
 9710 0037 RAI II; II mx, ment Italia (555 6/10 Trescher-PA)  
 11800 0100 RAI EE; Italy will promote cease-fire in the war between  
 Iran & Iraq (343 7/14 Stanley-AZ) 0059 EE; Iran-Iraq War  
 (222 7/25 Brown-IL) 0102 EE; nx, YL w/ tlc, cl mx (433 7/12  
 Miller-CA) 0110 EE; joint Spanish-Italian celebration of  
 Columbus at Genoa in 1992 (444 7/14 Fraser-MA) 0240 II; cl  
 mx, acoustic mx (333 7/17 Abbinante-IL)  
 21690 1733 RAI II; EZL mx, no tlc until just before 1745\* (352 8/3  
 Janusz-NJ)

**LUXEMBOURG Radio Luxembourg**  
 6090 0003 EE; rap song 'Paid in Full,' ID & many call-in's (434 8/8  
 Cichorek-NJ)  
 15350 0012 FF; pop tunes, DJ (333 7/31 Cichorek-NJ) 0542 FF; mx  
 interlude for pgm segment, ad (222 7/10 A. Jones-TN)

**NETHERLANDS Radio Nederland**  
 6020 0150 RN SS; SS version of Happy Station Show (555 7/25 Trescher-  
 PA) 0134 SS; LAM nx, Cuba (555 7/30 Trescher-PA)  
 13700 0351 RN Dutch/EE; end Dutch show @ 0353, break for a min., then  
 22-minute EE show to ME (555 8/1 Janusz-NJ)  
 15560 2050 RN EE; Newsline, Media Network (323 6/30 Ryan-NY)

**NORWAY Radio Norway International**  
 9560 0242 RNI Norw.; OM w/ tlc, EE ID, 0245\* (544 7/14 Wright-MB)  
 0219 Norw.; wld nx summary (555 7/26 Trescher-PA)  
 9590 1306 RNI EE; political assassination, jazz festival (545 7/24  
 Leader-Ireland)  
 15165 2205 RNI EE; Norw. shipping in Persian Gulf, // 15180 (444 8/7  
 Janusz-NJ)  
 15310 1600 RNI EE; pollution & toxic waste in the North Sea (444 7/17  
 Stanley-AZ) 1600 EE; intvw w/ soldier before the peace tlks  
 (333 7/24 Brown-IL) 1400 EE; Oslo Symphony Orch (423 7/3  
 Ryan-NY) 1901 EE; algae, aid to Afghanistan (434 6/5  
 Levison-PA) 1714 Swedish; EE ID, nx (312 7/23 Trescher-PA)

**POLAND Radio Polonia**  
 15120 0059 PP; IS, time pips, nx (333 7/31 Cichorek-NJ)

**PORTUGAL Radio Portugal**  
 9680 0230 RDP EE; well known Port. composer dies of a heart attack  
 (433 7/19 Stanley-AZ)  
 9705 0230 RDP EE; cocaine trafficking in N. Port. (433 7/14 Stanley-  
 AZ) 0237 EE; Paris-Lisbon train trip to be reduced by 10  
 hours (433 7/22 Brown-IL)  
 11840 0230 RDP EE; Armed Forces Day in Port. (433 7/21 Stanley-AZ)  
 2200 PF; chimes, IS, ID, wld nx (534 7/27 Trescher-PA)  
 21500 1300 R. Liberty RR; all-union Communist Party meeting in Moscow,  
 not VOA in RR per RDI (343 7/2 Anywodi-VA)

**ROMANIA Radio Bucharest**  
 9510 0233 RE EE; nx, Romanian folk mx (534 6/24 Trescher-PA)  
 9570 0200 RE EE; Dukakis chooses V.P., shipbuilding in Romania (322  
 7/13 Stanley-AZ) 0220 EE; Romanian Communist Party speeches  
 (555 6/24 Trescher-PA)  
 11940 0420 RE EE; Socialist Parties (343 7/16 Miller-CA) 0217 EE;  
 social ethics in a Socialist framework (434 7/29 Cichorek-  
 NJ) 0215 EE; political contry (444 6/24 Levison-PA)

**SPAIN Radio Exterior de España**

9630 0000 **EE**; spts, week's main events in Spain (333 7/17 Stanley-AZ) 0439 **SS**; tlk w/ ment of Colombia (553 7/26 Kline-CA) 0100 **EE**; tlks w/ the French Interior Minister (444 7/17 Brown-IL) 0012 **EE**; spts, // 11880 (545 8/8 Cichorek-NJ) 0232 **SS**; ment Spain, Spanish nx (534 7/29 Trescher-PA)

11880 0100 **EE**; India's P.M. concludes visit to Spain (444 7/16 Stanley-AZ) 0017 **EE**; winner of the Tour de France (444 7/25 Brown-IL) 0000 **EE**; wld nx, spts roundup (545 7/12 Miller-CA) 0123 **EE**; evolution of Spain over last five years (544 7/14 Wright-MB)

**SWEDEN Radio Sweden**

96857 0228 **RS** Swedish/**EE**; Swedish women were killed on a Greek ship (433 7/10 Brown-IL)

9695 0230 **RS** **EE**; wld environmental problems (444 7/11 Stanley-AZ) 2300 **EE**; Iran-Iraq war (534 7/19 Leader-Ireland) 0230 **EE**; Swede & Danish attack of Greek ferry (544 7/14 Miller-CA) 0235 **EE**; Grass Roots Detente (333 7/8 Ruckman-OH)

11705 2300 **RS** **EE**; educational debate in Iceland (343 7/13 Stanley-AZ) 2300 **EE**; fallout from Palme killing continues (333 7/29 Brown-IL)

15345 1428 **RS** **IS**, multi-ling. **IDs** (322 7/22 Abbinante-IL)

17840 2335 **RS** Swedish; end of nx, rpt on scandal causing justice minister's resignation (444 6/11 Anywodi-VA)

**SWITZERLAND Swiss Radio International**

3985 1802 **SRI** **IL**; wld nx, **YL** w/ current events & correspondent rpts (333 7/11 Dillon-Greece)

6135 0200 **SRI** **EE**; Swiss military basic training (333 7/15 Stanley-AZ)

6165 0200 **SRI** **EE**; Iran-Iraq war (222 7/31 Brown-IL)

9725 0200 **SRI** **EE**; resignation of Prince Sihanouk (333 7/11 Stanley-AZ) 0157 **EE**; debate in the U.N. over an Iranian airliner (544 7/14 Brown-IL) 0238 **SS**; events in Armenia, political & economic situation in Mexico (444 7/8 Wright-MB)

9885 0200 **SRI** **EE**; tlks in N.Y. to discuss the withdrawal of Cuban troops from Angola (444 7/14 Stanley-AZ) 0200 **EE**; Vietnam Cambodian tlks (444 7/26 Brown-IL) 0203 **EE**; nx, Swiss machine & metal industries (444 7/14 Levison-PA)

12035 0220 **SRI** **EE**; Jordan's ties w/ the West Bank (554 8/3 Kline-CA) 0200 **EE**; Iran-Iraq war (444 7/27 Brown-IL) 0215 **EE**; high doctor fees (555 7/8 Ruckman-OH)

15430 1527 **SRI** **EE**; work to begin on Iran-Iraq cease-fire (333 7/24 Brown-IL)

17828 1129 **SRI** **EE**; **ID** by **YL**, times & freqs ancd, into **FF** @ 1200 (343 7/29 Cichorek-NJ)

**UNITED KINGDOM British Broadcasting Corporation**

7170 0520 **VOA** relay **EE**; soul mx by Sam & Dave back in 60's (333 7/9 A. Jones-TN)

9925 2330 **BBC** **EE**; British museum group (433 7/29 Brown-IL)

12095 2150 **BBC** **EE**; nx, comtry, tlk on Parties (544 7/16 Miller-CA) 1850 **EE**; Development '88 (343 7/19 Fraser-MA) 1600 **EE**; wld nx, Nx About Britain, blues mx (444 7/6 Dillon-Greece)

15070 0535 **BBC** **EE**; tlk on films in 40's & 50's by **RKO** (353 7/10 A. Jones-TN)

21470 1335 **BBC** **EE**; Network **UK** on tourism in Glogow area (343 7/30 Westenhaber-QU)

**VATICAN CITY STATE Vatican Radio**

9605 0049 **VR** **EE**; rpt on Vietnamese situation (444 7/27 Brown-IL)

11760 2015 **VR** **PP**; **IS**, **ID**, rel nx (534 7/27 Trescher-PA)

15120 1552 **VR** **EE**; tlk about monastery in the nx (222 7/28 Abbinante-IL) 1552 **EE**; nx, anmt "now to close our b/c here is our ??? program (343 7/24 Trotto-FL)

**UNIDENTIFIED**

15240t 1115 Islamic; **OM**, nx, mx: Yugoslavia? (444 7/31 Valentine-CA)

**INTERNATIONAL WATERS Radio Caroline**

6214 0303 **EE**; rock vocals, **OM** **DJ**, "Caroline 558" **IDs** (252 7/19 D'Angelo-PA)

# U S S R

## LOGGINGS AND INFORMATION

Mail Monthly Contributions to

EDITOR: Jason Berri, 21240 South Western Avenue, #18, Torrance, CA 90501 U.S.A.

Contributions are up this month, at least enough to start a second page, hi. The big news is that the UHN is back! More on that and other information after this month's loggings.

SEPTEMBER 1988

U.S.S.R. Radio Moscow Radio Kiev Radio Vilnius Radio Tashkent  
Radio Station Peace and Progress Radio Yerevan

- 4635 1700 Tadzhik Radio-Dushanbe (RDI): Tadzhik & RR; pgm preview by YL, @ 1705 ID in Tadzhik, folk mx (433 7/29 Matsushita-JP)
- 4740 1840 R. Afghanistan-Ashkhabad (RDI): Pushto; YL DJ w/ wide variety of mx, @ 1923 OM into nx, s/off w/ NA @ 1930, UTE QRM @ 1924 (333 7/9 Dillon-Greece)
- 4958 1730 Azerbaijani Radio-Baku (RDI): Azerbaijani; several ments of Azerbaijan, OM ann., Soviet pop mx, IS played on organ, ID by YL (343 7/6 Dillon-Greece)
- 4975 1705 RM-Dushanbe (RDI): RR; OM w/ ment. Moscow & america, piano mx, RM IS @ 1730 (333 7/6 Dillon-Greece)
- 5920 0100 RM-Leningrad (ILG): RR; ment "moskva" (534 7/25 Trescher-PA)
- 7110 1450 RM: EE; YL w/ mx pgm, OM w/ ID, CW QRM (322 7/17 ed.)
- 7195 2310 RM-Simferopol (ILG): EE; "Moscow Mailbag" w/ Joe Adamov, // 7165 (544 8/7 Janusz-NJ)
- 9610 0236 RM-Lvov (ILG): EE; "Science & Engineering" - on aerodynamics (555 7/29 Trescher-PA)
- 9640 0200 RK-Lvov (ILG): EE; nx of legal reform & death penalty (545 7/12 Robinson-TN) (555 7/29 Trescher-PA)
- 9675 0126 R. Magallanes-Tashkent (ILG): SS; Andean mx, ID, RM IS, 0131\* (232 8/1 Janusz-NJ)
- 9710 0210 RM-Kiev (ILG): SS; LA nx, ment. Uruguay, Chile, Moscow ID (555 7/29 Trescher-PA)
- 9730 0629 Mavak (DS2): RR; IS, nx by YL w/ OM rpt, @ 0637 ID, clas. mx (343 6/16 Matsushita-JP)
- 9810 0153 RM-Riazan (ILG): RR; ment. "moskva", clas. mx (523 7/5 Trescher-PA)
- 9820 0020 RM-Kazan (ILG): SS; ment. Cuba & North America (534 7/26 Trescher-PA)
- 9825 1620 RM-Petropavlovsk Kamchatskiy (UHN): EE; YL w/ choir mx, tlk abt amateur choirs, "Inside Report", ID (444 7/30 ed.)
- 9870 0958 RM: EE; IS, chimes, wld nx (312 8/1 Trescher-PA)
- 9880 0100 R. Magallanes-Moscow (ILG): SS; IS, ID - "Aqui Magallanes", nx w/ ment. of Spain (555 7/29 Trescher-PA)
- 11785 1200 RT-Tashkent (RDI): EE; tlk of Geneva accord, trade unions (545 7/11 Robinson-TN)
- 11790 0200 RK-Khabarovsk (RDI): EE; nx of legal reforms of Soviet systems by 1990, "Radio Digest" (545 7/5 Robinson-TN)
- 11790 2200 RV-Blagoveshchensk (RDI): EE; tlk on languages (545 7/15 Robinson-TN)
- 11800 2053 RM-Kenga (ILG): FF; ment. of Moscow (534 7/27 Trescher-PA)
- 12000 0010 RM-Sverdlovsk (ILG): SS; ment. of Cuba (534 7/24 Trescher-PA) (more details please -ed.)
- 12010 0015 RM-Kazan (ILG): SS; ment. of Cuba & politics (555 7/24 Trescher-PA)
- 12020 0020 RM-Serpukhov (ILG): SS; ment. Tehran (555 7/24 Trescher-PA)
- 12030 0632 RM-Petropavlovsk Kamchatskiy (UHN): EE; "Tonight" w/ tlk abt cosmonauts, pole vaulting, ID (354 7/22 Kline-CA)
- 12060 0100 Radiostantsiya Rodina-Chita (ILG): RR; IS, ID, "Ave Maria" (522 7/24 Trescher-PA)

13645 2330 RM: EE; nx - Gorbachev's official visit to Poland, international folklore festival in Canada, listener's questions (243 7/16 Stanley-AZ)

15140 0011 RM-Frunze (ILG): EE; ID, "News and Views", het. (232 7/15 Westenhaver-QU) (UHN also lists Frunze -ed.)

15155 0952 RM-Kazan (ILG): EE; "Your Top Tune", ID @ 0958 (242 7/9 Westenhaver-QU)

15180 2330 RM: EE; nx, tlk w/ political analyst (333 7/14 Stanley-AZ)

17570 0105 RM-Komsomolsk (UHN): EE; OM w/ wld nx - ozone depletion, chess tournament, ID @ 0111 (222 8/8 ed.)

17680 \*1200 RM-Dushanbe (ILG): FF; Kalinka IS, Kremlin bells, YL w/ ID & mb sked, pgm details, nx (333 8/5 Westenhaver-QU)

17820 1130 RM-Kiev (ILG): EE; nx in brief, ID, "Yours for the Asking" - history of the ballet "Swan Lake" (444 8/5 Westenhaver-QU)

17860 0105 RM-Chita (UHN): EE; OM w/ wld nx, ID // 17570, 17880, 17685, 17675 (343 7/23 ed.)

17880 0210 RM-Irkutsk (UHN): EE; EZL vocal mx, cmtry, heavy QRN (242 8/9 Thunberg-PA) (333 7/23 ed.) (this frequency is heard well in NA in the evening - scheduled 0030 to 1000. I tuned it in at 0445 this evening (8/16) and the SIO was 333 -ed.)

21520 1723 RM: ??; orchestral mx, RM theme mx @ 1730, sudden off, severe QRM de WYFR on 21525 (211 8/3 Janusz-NJ)

That's it for this month's logs. Six loggings were received for RM on 9600 and 11840. These transmissions are relayed via Havana, Cuba. Please send these loggings to our esteemed North America and Caribbean editor, Tom Sable. While we are on the subject, here are the relay schedules for Cuba and Bulgaria.

Havana Relay Schedule:

9600 0000-0500, 1000-1300  
11710 2200-0400  
11840 1330-2200

Plodiv Relay Schedule:

11750 2100-0300  
11850 2200-0100

The above information was culled from RDI and UHN. Yes, the USSR High Frequency Broadcast Newsletter (UHN) is back after a 2 year absence (yea!). Here is what Roger Legge had to say: "After nearly two years of a continuing series of personal, family and financial crises, and recently moving from Arlington to my farm in the Blue Ridge area of Virginia, I am finally able to publish at least an occasional issue of UHN. The recent rapid rise from the Sunspot Low, providing improved reception conditions on the higher bands, is also a help." I have always found the UHN to be an excellent source for transmitter sites, so I am glad to see Roger producing it again. And at a subscription price of \$3.00 for 8 issues, it is a great value. For more information, write to:

Roger Legge  
Box 214A  
Etlan, VA 22719

As some of you may have noticed, the ILG (International Listening Guide) has started to appear in the loggings as a site source. The ILG recently began regular publishing again at 4 times per year. Bill Westenhaver sent along some sample pages to me. It looks to me to be quite a useful reference, especially for an up-to-date listing of RM transmitter sites, so I will be subscribing soon. I will list the subscription information and address in the next column.

It has been a few months since I presented my submission guidelines (January 1988) so here they are again:

- 1) If possible, list the transmitter site and source on the log. Guesses are ok, but please indicate with a "?". Use the source abbreviations listed in the April 1988 SPEEDX.
- 2) Please write legibly and use standard size forms.
- 3) If you do not hear a positive ID for the station, mark your log as tentative.
- 4) Please get your direct contributions to me by the 12th of the month.

That wraps it up for this month. CU all in 30. -Jason

# Africa

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888

All times and dates UTC: Frequencies in Khz: \*0000 = s/on, 0000\* = s/off.

Submission Deadline is the 12th.

Sorry about last month. Wish you could've seen me running up State Street chasing the Federal Express truck...had to be a pretty comical sight!

Lots of nice logs (many from last month's vapor column) and LOTS of DX news this month, so let's roll with it:

## LOGGINGS FOR AUGUST AND SEPTEMBER, 1988

### ASCENSION ISLAND

- 6005 0050 BBC Relay: EE; profile of Beethoven. 433(8-1 Brown-IL)  
9515 0028 BBC Relay: EE; Radio Newsreel, ID, prog notes. 333(6-24 Brown-IL).  
333(6-12 A.Jones-TN)  
9560 1704 BBC Relay: EE; nx: Red Cross efforts in Sudan. 152(6-2 Kline-CA)  
15260 2140 BBC Relay: EE; tlk abt drugs; ID, mx to 2200 ID, world nx. 344(6-28  
Miller-CA)  
17880 1718 BBC Relay: EE: From Our Correspondents: Liberians accuse Americans of  
trying to overthrow government. 333(7-25 Brown-IL)

### BOTSWANA

- 3356 1826 R. Botswana: SeTswana; M ments Botswana, Gaborone; ID @1830, inst hilife  
mx, M monologue. 232(7-11 Dillon-GREECE)

### CAMEROON

- 4850 0438 R. Cameroon: FF; hilife mx, ID. 534 (6-16 Trescher-PA)  
5010 \*0423 R. Garoua: EE/FF; Afr mx IS, repeated EE/FF ID "This is Garoua, a  
provincial station of Radio Cameroon," SW & MW freqs by W @0430, then  
into Qur'an recitations. 233(7-20 George-MA)

### CENTRAL AFRICAN REPUBLIC

- 5034 2240 R. Centrafrique: FF; hilife mx, "Vous écoutez Radio Centrafrique" by W  
@2257, quickly into NA and off @2258\*. 232(7-20 George-MA)

### CHAD

- 4904.5 0504 RN Tchadienne: FF; M ends nx, ID @0505, tribal mx, lion & hyena sound  
effects, more Afr mx, ID @0517. 343(7-12 Trotto-FL)

### COTE D'IVOIRE

- 4940 0625 R. Cote d'Ivoire: FF; M tlk, interviews W, ID @0630, into more tlk.  
343(7-12 Trotto-FL). 242(7-22 Thompson-CA)  
6015 0628 R. Cote d'Ivoire: FF; ID, tc @0630, into rel pgm "Ecoutez la Voix du  
Seigneur" //7215 stronger, 4940 much weaker. 233(7-3 George-MA)

### EGYPT

- 9475 0213 R. Cairo: EE; Egyptian mx, ID, news: Egypt's P.M. admits coop'n w/Iraq.  
444(7-10 Brown-IL). 322(7-19 Stanley-AZ). 323(7-27 Ehly-IA). 333(7-17  
Abbinante-IL). 545 (7-11 Robinson-TN)

more EGYPT.....

- 9900 1835 R. Cairo: Italian; W ID "Da R. Cairo," ments America; classical mx, poor audio; 333(7-19 Dillon-GREECE). @0049 in AA..555(7-29 Trescher-PA)  
12050 2038 R. Cairo: AA; AA vocal mx, M discussion. 242(7-6 Abbinante-IL). 312(7-23 Trescher-PA)  
17595 1318 R. Cairo: EE; AA-By-Radio lesson; here ex-17675, long QRM'd by Moscow.  
17720 0036 R. Cairo: AA; W anmt w/ments "Qahira"; Qur'an to 0042, W closing anmts, inst mx fill to 0044; 30\*; //15220 (SID 333 w/whoop whoop jammer). 343(6-26 Westenhaver-QUE)

## EQUATORIAL GUINEA

- 9552.8 2100 R. Africa (t): EE; no hour ID, into religious pgm. 433(6-22 Bishop-NY)

## ETHIOPIA

- 9560 1500 VO Ethiopia: EE; nx read by M & W, ID @1501, local TC's, gone by 1530. 222(7-10 Johnson-CA)

## GABON

- 4830 0525 Africa #1: FF; W tlk, ID, disco mx, etc. 323(7-12 Trotto-FL)  
4890 0427 R. France Int'l Relay: FF; pop mx, tlk, ID @0430; //9790 (fair); 4890 suffers QRN and UTE QRM. poor(7-20 Famularo-WA)  
11800 2300 RJ Relay: EE; nx; 10 yrs of China "modernization." 333(7-14 Stanley-AZ)  
15200 0850 Africa #1: FF; Afropops through 0900; 1 min nx by M @0902, mx; quickie EE "mx on Africa Number One" @0910; some Mayak QRM. 433(7-5 George-MA). @1615 to freq change @1657 (to 15475), fair(6-20 Famularo-NJ)  
15475 1619 Africa #1: FF; "Le Hit-Parade Int'l d'Africa #1" w/lotsa bland Europops I've never hrd before. [ANO's music policy: "If it doesn't skip, we play it." - ed.] 343(8-9 Westenhaver-QUE). 232(7-22 Thompson-CA)  
21700 1602 R. Japan Relay: JJ; GS; M reads nx, sports; some conversation w/W, JJ songs. 444(7-2 Dillon-GREECE)

## GHANA

- 3366 0535 GBC(t): EE; weak through T-storm QRM. poor(6-29 Moman-DX)  
4915 2234 GBC: Various; nonstop pipe-organ mx to multilingual ID @2245. 252(8-7 Janusz-NJ). @0546 in EE/VN..242(7-22 Thompson-CA). poor(6-28 Moman-DX)

## GUINEA

- 7125 0710 LV de la Revolution: FF; M nx w/gtr mx between items, ID @0725, mentioned "nouvelles." 353(7-27 D'Angelo-PA)

## LIBERIA

- 3990 0635 VOA Relay: EE; VOA sports: Indy 500, upcoming Summer Olympics; ID and back to Daybreak Africa @0638. 343(5-30 Trotto-FL)  
11955 0713 ELWA: AA; mx, W ancr, M ID @0715. 333(6-30 Ryan-NY)  
15600 1950 VOA Relay: EE; Mx Time in Africa (ANO-style music). 333(6-12 Brown-IL)  
21485 1707 VOA Relay: Swahili; hilife mx, tlk about starting your own business. [Selling Burger King franchises? -ed.] 353(8-3 Janusz-NJ)

## LIBYA

- 15235 1220 VO Greater Arab Homeland: AA; AA mx, full ID @1225 by M, patriotic songs, HS ID @1230 after bells; mideast nx. 444(6-12 Dillon-GREECE)  
15415 2130 VO Greater Arab Homeland: AA; tlk, AA mx, tlk about Reagan, America, Qaddafi, Korea. OTH radar QRM. 233(6-13 Miller-CA)  
15450 1845 VO Greater Arab Homeland: AA; AA mx, ID @1847, statement abt Qadhafi, then lessons from the Green Book accompanied by domestic classical mx. 444(7-11 Dillon-GREECE). 555(6-13 Robinson-TN). 322(7-7 Abbinante-IL)

## MADAGASCAR

- 9540 1852 R. Nederland Relay: EE; Happy Station w/request mx. 333(8-14 ed.)  
17575 1500 RN Relay: EE; Tom Meyers Happy Station, replies to listeners' letters. (finally logged this!)[Congratulations.-ed.] 444(6-12 A.Jones-TN)  
21485 0837 RN Relay: EE; Asiascan. 353(6-10 Matsushita-JAPAN)

## MALI

- 4782.9 2352 RTV Malienne: FF; ethnic mx w/W vcls, brief s/off anmt by W @2359, NA, off 2400\*. 232(7-22 Anywodi-VA)  
7285 \*0701 RTV Malienne: FF; NA, W ID "Vous etes a l'ecoute de R-TV du Mali;" pgm anmts, long march/fanfare @0705. 233(7-3 George-MA)  
9770 0043 R. Beijing Relay: EE; Listeners Letterbox; profile CC leaders, CC climate; ID/s/off @0056. 554(7-13 Wright-MB). 555(7-26 Trescher-PA). 555(7-15 Robinson-TN). 333(7-16 Stanley-AZ)  
11715 0305 RB Relay: EE; world nx, China nx, economic report. 333(7-29 Levison-PA). @0000 in EE..333(7-21 Stanley-AZ). @1610 in EE..222(7-15 Berri-CA)  
15109.5 1202 RB Relay: EE; world nx, ID, ment terrorist threat against Americans in Beijing. (found spur on 15048 kHz). fr/gd(6-12 Famularo-NJ)

## MAURITANIA

- 4845 0650 R. National: AA; recitation to 2348, brief tlk by M, long recitation to 2353, more tlk, strident NA. 343(7-22 George-MA)

## MOROCCO

- 15335 2255 RTV Marocain: AA; W interviews W over AA mx, incl some laughter; 1 TP @2300, brief tlk by M, another TP, M nx. 322(7-21 George-MA)

## NIGERIA

- 7255 0455 VQ Nigeria: EE; stop & start IS. M ID @0457, pgm sked, TCs (local & UTC) into Jamboree pgm. fair(7-23 Famularo-WA). 433(7-31 Westenhaver-QUE). 433(6-19 Brown-IL). @2023...433(6-22 Bishop-NY)

## RWANDA

- 3300 \*0255 R. Rwandaise: FF/VN; here most nights lately w/IS, instrumental NA @0259, W anmt in VN @0300, M in FF @0302; pop mx to 0330, then yak by M but faded too low for copy. (no sig report)(6-25 Archer-NC)  
15270 0252 Deutsche Welle Relay: GG; choral mx, Kigali ID @0259\*. 343(8-1 Janusz-NJ). 555(7-24 Trescher-PA)  
17800 1256 DW Relay: EE/Hausa; Afr nx items, incl one abt strike of broadcasting personnel in Nigeria; @1159 ID as DW's African Sce; into Hausa @1200. 333(6-29 Westenhaver-QUE)

## SENEGAL

- 4890 2242 R.Dif. du Senegal: VN; exotic VN acapella mx, Afro vocals, chants, drums, etc.; brief tlk by M, more mx. pr/fr(6-8 Famularo-JPN)

## SEYCHELLES

- 11870 0257 FEBA: Farsi; s/on w/ID and "What a Friend.." IS, into M w/poss nx. 433(7-19 Stanley-AZ)  
17820 0530 FEBA (t): EE; p/tl ID, nx, Middle East Focus @0544, religion @0559, 1 x IS @0629\*. FEBA sked in EE hr Fri Only. 142(7-29 Laves-TX)

## SIERRA LEONE

- 5980 0630 SLBSVN/EE; occasionally surfacing from under usual BBC/5975 slop w/local traditional mx, M frequent anmts in VN. Lang seemed to switch to EE @0652 when a M read some local announcements; interlude of tribal mx carried up to 0700, when a brief bongo/logdrum-type signature preceded W "This is Freetown.;" nx in EE followed until 0708, then full ID, closing anmt and off @0710\*. Exceptional WAF conditions on 49 mb w/Ghana/6130 noted around 0622. 222(7-27 ed.) Off @0715\* on 7/28, sign of BBC! (ed.)

## HELP! Some DX NOOZ HAS ESCAPED FROM THE LAST PAGE!

ETHIOPIA--The external service of the Voice of Ethiopia has been heard testing in English. The station announces that the tests are for Eastern Europe 18:00-18:30 and for Western Europe 18:30-19:00. The frequency is 9660 kHz Mondays to Thursdays and 7315 kHz Fridays to Sundays. (BBCMS/SCDX)

GABON--Radio Japan's English broadcast to Europe, the Middle East and North Africa at 03:00 - 03:30 is on 7125 kHz from the Gabon relay. (Mogens Jensen/SCDX)





**BURUNDI:** 3300.0  
**CAMEROON:** Yaounde: 4850.0  
 Garoua: 5010.0  
**CENT.AF. REP.:** 5035.0v (also hrd on 5034.2)  
**CHAD:** 4904.5  
**COMOROS:** nothing hrd here  
**CONGO:** nothing hrd here  
**EQ.GUINEA:** 5003.7/6249.5/9552.8  
**GABON:** 4777.0/4830.0  
**GHANA:** 3366.0  
**KENYA:** 4885.0/4915.0  
**LESOTHO:** 4800.0  
**MADAGASCAR:** 2643.3/3231.7/3287.6/6135.5/9689.5  
**MALAWI:** 3380.6/5995.0  
**MALI:** 4782.9/4835.6  
**MAURITANIA:** 4845.0  
**MAURITIUS:** nothing hrd here  
**MOZAMBIQUE:** Maputo: PP: 4860.4 - 4869.9/9617.9  
 VN/PP (Interprov.): 3338.2/4927.7 - 4928.8/7122.4  
 Beira: VN: 3370.4/9638.2  
 PP: 3312.5v/6024.3

# FLASH!

Here's the schedule of the BBC's Indian Ocean relay, which begins operation officially on September 25, 1988 from the Seychelles Isls.

6005	1645-2300
7185	1645-2300
9600	0300-0400
11750	0300-0500
11860	1400-1600
15420	0400-0630, 0900-1600
17885	0500-0630, 0900-1400

(from Andy Sennitt/RNMM)

**NIGER:** 5020.0  
**NIGERIA:** Lagos: 3326.0  
 Kaduna: 4770.0  
**RWANDA:** 3330.0/6055.0  
**SENEGAL:** 4890.3v  
**SOUTHWEST AFRICA:** 3270.0/3290.0/4965.0/4930.0  
**SWAZILAND:** 4980.0/6155.3  
**TANZANIA:** 4785.0/5050.1/9684.3/6014.8 (Zanzibar)  
**TOGO:** 5047.0  
**TRANSKEI:** 3927.5/7149.1  
**UGANDA:** 4976.0/5026.0  
**ZAIRE:** Lubumbashi: 4750.8  
 Bunia: 3390.1/5066.4  
**ZAMBIA:** 3344.9v/4910.0/6060.0/6165.3/7220.0  
**ZIMBABWE:** 3305.7/3395.5/5975.5/6019.4

[additions by ye ed: Cabinda, **ANGOLA:** 4969.9. Parakou, **BENIN:** 5025.5. Douala, **CAMEROON:** 4795. **NIGERIA:** 7255. **SIERRA LEONE:** 5980. **TANZANIA-ZANZIBAR:** 11734.1. **ZAMBIA:** 9581. The complete, updated **HEAR AFRICA** list will appear in this column next month.]

**SWAZILAND**--Beginning Sept. 4th, Trans World Radio is broadcasting: in German 04:00-04:30 on 3200 and 6070 kHz, 16:30-17:00 hrs on 3275 kHz. Transmissions in English and French starting at 15:15 are on 7115 and 7170 kHz, Portuguese 14:45-15:30 is on 9600 kHz. English and Swahili 16:00-18:45 use 9550 kHz. (Udo Beiker, West Germany/SCDX)

**SOUTH AFRICA**--From the 3/88 "South African Shortwave Listener" (bulletin of the SAf DX Club) come some potentially interesting utility listings. The South African Flood Monitoring Net operates on 6923 USB, with stations ZSM207 (Howick)/ZSM208 (Cradock) /ZSM209 (Sandhills)/ZSM211 (Boskop)/ZSM213 (Pretoria)/ZSM369 (George) plus mobile units. The net is run by the Dept. of Water Affairs in Pretoria. A Civil Defence Net operated on 7450.7 USB, callsigns ZRV0954 and ZRV9782. Additional hamband freqs are 3652 and 7070 kHz. Finally, there is the RSA Farm Net, operating on 3169.8 USB and on freqs between 6.5 and 7.0 mHz. (Francois Steyn, Hillbrow, RSA)

**CLANDESTINE**--Iran's Flag of Freedom Radio now uses 11315 from 1630-1820. Also, Ethiopian clandestine Voice of the Tigre Revolution has returned, with programs in Amharic and Tigrinya from 0400-0530, frequencies 9343 and 7830 kHz. They announce another transmission from 1500-1630 on the 49, 43, 41 and 31 meter bands.

A Voz de Resistencia do Galo Negro is using this schedule:

Channel A	0455-0900	7130, 9710
	1100-1500	9650, 11820
	1800-2200	7130, 7145
Channel B	0330-0600	4975
	1730-2000	4975
	0800-1030	9600, 15170
	1200-1400	9600, 15170

(BBCMS/Hauser/SWLD).

Thanks to all our contributors! See you in October..

73, de



# ASIA/OCEANIA

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

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

What a September column this is going to be! There are more contributors and more loggings than I've ever had to deal with before. Your barely broken-in editor will just have to do his best. Even with omitting all the frequencies printed last month, there's still vast quantities of really interesting stuff. Thanks to you all for your outstanding work!

## AUSTRALIA

### Radio Australia VLW15 Wanneroo

- 2310 1259 VL8A ALICE SPRINGS: EE: Rock mx and wx rpts; heavy QRM (232 8/9 Jessen-OR)
- 2325 1325 VL8T TENNANT CREEK: EE: Rock mx relayed from Darwin stn; into tlk in lcl dialects @ 1330 (232 8/9 Jessen-OR)
- 6080 1030 RA: EE: Nx abt Fiji and PNG; then tlk of community schooling (545 7/11 Robinson-TN) @ 0955 w/country mx; 1000 TP; many ments PNG (323 8/6 Cichorek-NJ)
- 7135 1326 RA: VV: IS w/EE ID; kookaburra; @ 1330 VV ID and M nx; // 9770 (good) (poor-fair 7/21 Famularo-WA)
- 9770 1000 RA: EE: ID and world nx; then tlk abt results of Moscow summit (523 7/2 Trescher-PA)
- 11910 0520 RA: EE: Tlk abt caravanning in Aust. (322 7/10 A.Jones-TN)
- 15320 2300 RA: EE: Nx of shellfish diseases in SEAsia (333 7/15 Stanley-AZ) @ 0027 w/mx by Rick Nelson; killed by RN-15315 de \*0028 (222 8/4 Cichorek-NJ)
- 15395 2300 RA: EE: world nx read by John Sloan (343 7/16 Stanley-AZ)
- 15425 0550 VLW15: EE: Discussion of America's Cup; lcl wx forecasts (353 7/27 Howell-CA)

## BANGLADESH

### Radio Bangladesh

- 9775 1450 RB: URDU: Indian-style mx; @ 1500 ID's in EE/Bengali and off, but carrier stayed on (333 7/2 Dillon-GREECE) @ 1331 in NEPALI w/odd non-stop subcontinent mx to 1344; M ID "Yo R. Bangladesh ho" and anmts; then off (252 8/14 Quaglieri)
- 17710nf 1230 RB: EE: IS and ID by W; into nx by M (222 8/1 Anywodi-VA) @ 1234 w/lcl nx items by M; @ 1237 ID and cnty--abt Sri Lanka? (232 8/12 Quaglieri-NY) (Note: Both report a new parallel frequency of 15195 for this best.)

## BURMA

### Burmese Coast Service

- 4725 1215 (t) BBS: SHAN?: Western-style mx w/anmts; no ID but sounded like Burmese dialect (353 7/31 Carroll-AZ)
- 5985 1210 (t) BBS: BURMESE: w ancr and typical Burmese wind chime-style mx; no ID hrd (343 7/31 Carroll-AZ)
- 6570 1238 (t) BURMESE ARMY STATION: BURMESE: M hosts px of native sing-song SEAsian mx; no ID hrd; usual bad QRM de Pyongyang-6576; ,1330\* (131 7/16 Carlisle-WA)

## CHINA

### Central People's Coast Stn Radio Beijing

- 5075 1135 CPBS-2 (Urumqi): CC: M announcing basketball game w/lively audience-gearing up for Olympics? (gd-fr 7/20 Famularo-WA) (t) @ 1100 w/classical CC mx and M ancr (333 7/30 Valentine)
- 5163 1130 CPBS-2 (Xian): CC: W w/possible ID; then CC classical mx w/brief anmts by W (333 7/11 Trotto-FL)
- 7295 1025 RB: JJ: CC language lesson; fill mx; @ 1030 W ID "Kochirawa Beijing hoso desu" and then tlk (243 8/14 et.)
- 7820 1244 RB: EE: M/W present "Letterbox" px; bit of CC mx; M ID @ 1253; fading out fast (343 7/17 Trotto-FL)

CHINA cont.

9400 1020 CPBS: CC: Instrumental mx w/audience applause; //1:630  
(242 7/30 Anywodi-WA)

9575 1043 RB: CANTONESE: Chinese opera-style mx non-stop to 1054; w  
s/off anmts w/"Bajing kuangpo tientoi"; 1055\* (242 8/14 ed.)

10260 \*1330 CPBS: UIGHUR (listed): IS: M/W ID's; PRC NA; into M tlk  
(353 7/20 Famularo-WA)

11330 1158 CPBS-1: CC: Trad. vocal mx before live audience; anmt; M ID  
over TP @ 1200; then M nx (353 8/12 Quaglieri-NY)

11445 1201 RB: PAGALOG (listed): IS: M ID sounds like "Esta un Radio  
Beijing"; another IS/ID and into px (343 8/12 Quaglieri-NY)

15030 2235 (p)CPBS-2: CC: M/W tlk; CC mx w/intermittent "Big Ben" tones  
on organ; not hrd next day (242 7/27 Howell-CA)

15165 1510 RB: EE: "Xx Abt China"--farmers receive awards in Beijing  
(323 7/17 Stanley-AZ) (Beamed to SAsia per ILG-ed.)

15290 0315 RB: EE: Rpt on how film directors feel abt film censorship  
(343 7/22 Stanley-AZ)

COOK ISLANDSRadio Cook Islands

11760 0651 RCI: MAORI/EE: M w/island mx and Maori ID's; 0659 M ID in EE;  
Maori mx; then EE nx to 0708; awful het (333 7/22 Thompson)

CYPRUSBBC relay

11720 1530 BBC: AA: Tlk--sounded like MidEast nx--w/many ments Islam  
(355 7/28 Frescher-PA)

11760 0557 BBC BS: EE: End of "The world Today;" ID and TP for 0600;  
into nx (poor 7/20 Famularo-WA)

17385 0442 BBC BS: EE: Bow Bells IS to 0444; then straight into BS px  
w/continuity anmt and "Reflections" (222 7/28 ed.)

FRENCH POLYNESIARFO Tahiti

9751.4 0840 RFO: FF/TAHITIAN: Islands mx; vern. anmt; M interviews M in  
FF @ 0845; //15170 and 11825.5 (222 7/26 George-WA) on 9751.8  
@ 1216 w/avel's "Bolero" to 1222; M PC and Liza Minelli's  
"Cabaret"; //11825.8 (333) and 15170.8 (222) (222 8/12  
Quaglieri-NY) (t) @ 0921 on 9750 w/Polynesian-style mx (433  
7/9 Johnson-CA) (Nice to see this one reported again!!)

GUAMKFWR

9785 1218 (t)KFWR: CC: Rlg px; best in USE to kill RTTY QRM on lower  
sideband (222 8/12 Quaglieri-NY)

9820 1011 KFWR: CC: Rlg service w/organ mx (312 7/28 Frescher-PA)

INDIAAll India Radio

7140 1322 (p)AIR: (p)BALUCHI: Subcontinent mx; W w/partial ID "...All  
India..." @ 1329; 1330\* (322 7/31 Carlisle-WA)

9546 1402 AIR: EE: W ID; then "UN Radio Magazine" px; off nominal 9545  
(333 7/9 Carlisle-WA)

9910 1815 AIR: AA: M anmt w/ment initials "A.I.R." in EE; then px of  
Indian mx; distinct xmtr hum; popped for minutes at a time  
(343 7/9 Dillon-GREECE)

11810 1335 AIR: EE: mx of Indian train wreck; W ID @ 1339; QRM de RJ-  
11815 in Es (322 7/10 Carlisle-WA)

15120 1440 AIR: (p)JHIMALA: M nx; then M chants; "AIR" ID @ 1459; 1500\*;  
//11620 was poor (333 7/9 Carlisle-WA) @ \*1300 w/IS; "All  
India radio" ID; then subcontinent mx/tlk; //s 10330 and  
11620 often heard (443 7/31 Carroll-AZ)

17785 1215 AIR: EE: Taped wx bulletin w/ments AIR; off abruptly when  
tape began to repeat (SIO? 7/23 Atkins-GA) (Gary, AIR in  
Burmese is listed here to 1215\*. I'd bet they forgot to  
switch the xmtr when they should have-ed.)

INDONESIARadio Republik Indonesia

3215.1 1154 RRI Manado: IN: Lagu populer mx; W anmts 1155-1159; Jakarta  
nx 1159-1209; then local px w/no ID till W s/off anmts @  
1231\* (232 Atkins-WA) (Sorry, date was 7/24-ed.)

3277 1130 RRI Jakarta: IN: M tlk w/Jakarta ID @ 1135; W choral singing;  
then M tlk (poor-fair 7/22 Famularo-WA)

3325.0 1236 RRI Palangkaraya: IN: Lagu populer mx; @ 1246 M w/very nice,  
complete lcl ID's; @ 1247 into Jakarta relay of interview  
(w/poor audio) (222 7/24 Atkins-WA)

(More Indos on the next page. By the way, while I was typing the AIR logs,  
a local FM station started playing Indian film mx. Nice coincidence!)

INDONESIA cont.

- 3345 1225 RRI Ternate: IN: Vocal mx interspersed w/repeated ad jingle w/ment "Ternate, Indonesia" (fair 7/21 Famularo-WA) (p) @ 1250 w/Jakarta relay in progress (see 3325.0); brief ad for Rexona (skin cream?); SCI; 6 TP and into Jakarta nx @ 1300 (222 7/24 Atkins-WA)
- 4000.1 1233 RRI Kendari: IN: Lagu-lagu mx; M vocals and w pop songs; @ 1245 w ID; then man tlk w/echo (fr-pr 7/22 Famularo-WA)
- 4753 1059 RRI Ujung Pandang: IN: Chime; M/A lcl nx; @ 1112 w ID "Inilah Radio Republik Indonesia Nusantara empat Ujung Pangang" (444 7/28 Matsushita-JAPAN)
- 4871 1205 (t)RRI Wamena: IN: M tlk ment "Indonesia"; brief mx piece @ 1210\* (s/off time fits WITH sked) (poor 7/22 Famularo-WA)
- 4927 1134 RRI Jambi: IN: M w/lcl nx; w ID @ 1140 (343 7/27 Matsushita-JAPAN) @ 1241 w/pres. Jur'an to M ID @ 1243; xylophone mx; another ID and tlk (322 7/25 Atkins-WA)
- 4932 1310 RRI Surakarta: IN: w tlk; instrumental mx; M tlk; //Jambi-4927 and Ujung Pandang-4753 (pr-fr 7/21 Famularo-WA)

IRANVoice of the Islamic Republic of Iran

- 4990 1645 VOIRI: FARSI: W/M discussing Iran, Kurdistan, Iraq; ID; QRM de R. Yerevan; //15084 but not 9022 (422 7/6 Dillon-GREECE)
- 11715 0515 VOIRI: FARSI: AA-style mx; poss. nx @ 0542; @ 0600 3 TP and Parsi ID per WRTM; best in USB acct unID stn on 11713 (222 7/15 Carlisle-WA) @ 1226 in EE w/tail end of EE bcst; IS to \*1230 in unID lang (SIO? 7/26 Atkins-GA)
- 15084 1405 VOIRI: FARSI: "Pink Panther" theme; M tlk and interviews w/ many ments Iran; Western mx between cuts (343 7/2 Dillon)

IRAQRadio Baghdad

- 9770 2035 RB: EE: Special px on Arab Bread Day (why not run this at 3 AM, when I've got the munchies-hi!); co-chan BBC in Serbo-Croat; //15230 SIO 343 (322 8/2 ed.)
- 11750 1634 RB: AA: M/W tlk (nx?); M ID per WRTM @ 1640 (344 7/30 Berri-CA) @ 1945 w/AA chants and mx (555 7/24 Frescher-PA)
- 11775 \*0000 RB: EE: w w/times and frqs; rpt on the war w/Iran (444 7/14 Stanley-AZ) @ 0027 w/M ID; then w w/daily political cmt y on continued Iranian perfidy (433 8/2 ed.)
- 11810 0100 RB: EE: w w/nx of Iraqi planes and Iraqi-Egyptian relations; then w vocals (545 7/8 Robinson-TN)
- 15110 2155 RB: AA: Moody, swirling AA mx; TP and "Baghdad" ID @ 2200 (7322 8/7 Janusz-NJ)

ISRAELKol Israel

- 5900 1737 HOME SERVICE PGM: "D": AA: M DJ w/old Egyptian mx; ID @ 1800 "Sawt Israel"; ute QRM; moved here from 5915 in May, per WBI (BBC MS) (433 7/9 Dillon-GREECE) (Peter, thanks for reporting this; I've never seen a report of it before in SPEEDX!)
- 15485 2137 KI: EE: Tlk abt Jordan and West Bank; new in this time slot (332 8/7 Janusz-NJ)
- 15592 \*2200 KI: YIDDISH: IS; Yiddishy theme mx; M w/ID/frqs; then interview w/ments America and PLO. Jammed. Yiddish replaces Easy Hebrew in this time slot (222 8/14 ed.) @ 1900 in EE w/ tlk abt US Presidential candidates' attitudes toward Israel (343 7/16 Stanley-AZ)

JAPANRadio Japan

- 9695 1600 RJ: EE: Nx; then px "This Week" (333 7/16 Stanley-AZ)
- 11705 1602 RJ: JJ: Pres. nx w/tlk abt Olympics and mentions of Tokyo (554 8/1 Kline-CA)
- 11780 1445 RJ: EE: "Japan Panorama" on Japanese ghosts (Nicer than Western ghosts?-ed.); ID as General Service (242 7/27 Anywodi)
- 11815 1245 RJ: EE: "Meet the People" w/a famous wrestler recalling his greatest bouts (444 7/31 Valentine-CA)
- 17810 0100 RJ: EE: "Current Affairs" on arms-control talks in Poland (444 7/22 Stanley-AZ)
- 17845 0109 RJ: EE: M w/nx abt Japan; mixing w/unID co-chan stn; //17810 (323 7/23 Berri-CA)

KOREA, DEM. PEOPLE'S REP.Radio Pyongyang

- 6540 1830 RP: AA: Operatic Korean mx w/w ancr; anti-American propaganda abt US troops in S. Korea; tlk abt war and imperialism; 1850\* (333 7/12 Dillon-GREECE)

KOREA, D.P.R., cont.

9345 1620 RP: FF: Current affairs tlk; mx; w ID "Vous écoutez Radio Corée"; @ 1642 ID w/ment Pyongyang (343 7/2 Dillon-GREECE)  
 15120 2248\* RP: KK: W ID; into their silly-sounding NA; and off (332 7/27 Howell-CA) (Joe, the mx isn't that bad, eh? Try singing it in the shower sometime.-ed.)

KOREA, REPUBLIC OFRadio Korea

6480 1811 BK: AA: End of nx; ID; M w/cmtly on USSR; then w tlk. Dif-  
 ficult to understand acct ute JRM (232 7/12 Dillon-GREECE)

LEBANONVoice of Hope

6280 1755 VoH: RR: M w/boring-style tlk; rlg piano mx; EE ID "This is the King of Hope broadcasting from South Lebanon" and address; back into RR (232 7/12 Dillon-GREECE)

MALAYSIA, EASTERNRadio Malaysia

4835 1340 (t)RM Kuching: MALAY?: Slow and easy Malay-style mx; no ID--  
 any chance it's an Indo? (232 8/9 Jessen-OR)  
 4895 1350 RM Kuching: IBAN (1): Pop mx (343 8/9 Jessen-OR) (How about  
 more details on rare loggings like this one, please?-ed.)  
 4950 1130 RM Kuching: EE: "Radio Malaysia" ID; then nx of shooting down  
 of Iranian airbus an hour or so after it happened (353 7/3  
 Carroll-AZ)  
 5980 1355 RM Kota Kinabalu: EE: Malay mx; ID @ 1400; JRM de unID stn  
 (322 8/9 Jessen-OR)

MALAYSIA, PENINSULAR

4845 1345 RM: TAMIL: W/M singing Malaysian-style duets (343 8/9 Jessen-  
 OR) (ID?-ed.)  
 7295 1400 RM: EE: M ID "Radio Malaysia"; then US pop mx (e.g. Billy  
 Joel); JRM de co-chan Beijing/AHO's (222 7/31 Carlisle-WA)  
 15295 1200 V. of MALAYSIA: (t)CC: TP: M in pres. CC ment "Malahseeah"  
 (333 7/26 George-MA)

MARSHALL ISLANDSWSZO

6070 0850 WSZO: VERN/EE: Vern tlk; clearly hrd EE ID @ 0900; CFRX very  
 weak in background; 1000\* (333 8/6 Carroll-AZ)  
 (Charles Washburn-ME reports that a recent QSL letter from  
 WSZO says that they "will not broadcast on 4940 kHz for a  
 while. Our LPA antenna is down.") (What's an LPA?-ed.)

NEW CALSDONIARFO Nouméa

7170 0647 RFO: FF: Long M tlk; two tones and w ID on the hour (443  
 7/28 Howell-CA)

OMANRadio Oman

17770 0152 RO: AA: Fast AA mx; @ 0200 anthem; M ID; amts and into  
 Qur'an (JIO? 7/3 Evans-TN)

PAKISTANRadio Pakistan

11570 1746 RP: UNID?: Px of Pakistani vocals hosted by M; ID @ 1759;  
 "typewriter song" and into nx (352 7/23 D'Angelo-PA)  
 15270 1652 (t)RP: (p)URDU: Subcontinent mx; 3 TP @ 1700 and poss. ID;  
 pres nx; //11570 was bad (141 7/8 Carlisle-WA)  
 15605 \*1600 RP: EE: IS and ID "This is Radio Pakistan"; then normal-  
 speed EE nx to 1610\*; poor modulation (353 7/31 Carroll-  
 AZ) @ 1605 w/cmtly on Budget (322 7/10 Johnson-CA)

PAPUA NEW GUINEA

3235 1204 R. West New Britain: PD: M tlk; tribal drumming and soft  
 choral singing (253 7/20 Famularo-WA)  
 3260 1211 R. Madang: PD: M tlk; methodic drumming and tribal shouts  
 (poor-fair 7/20 Famularo-WA)  
 3275 1235 (t) R. Southern Highlands: PD: Drumming, shouts and singing;  
 copy difficult due to less-than-average conditions this AM;  
 bad JRM (poor 7/23 Famularo-WA)  
 3290 1216 R. Central: PD: Drumming accompanied by choral "moaning"; M  
 tlk; co-chan CW JRM (pr-fr 7/20 Famularo-WA)  
 3315 1220 R. Manus: PD: Strange choral chant-like praying; M tlk; solo  
 recitation in almost Gregorian style (fair 7/20 Famularo-WA)

PAPUA NEW GUINEA cont.

- 3325 1257 (t)H. North Solomons: PD: Inst. mx; TP's; M tlk; local drumming/Choral song; ute QRM; fading out after 1305 (poor 7/20 Famularo-WA)
- 3335 1226 R. East Sepik: PD: M tlk ment "programme" several times; 1cl guitar/vocal mx (fair 7/20 Famularo-WA)
- 3395 1240 R. Eastern Highlands: PD: M w/introduction to choral singing and tribal chants (fair 7/20 Famularo-WA)

PHILIPPINESFEBC R. Veritas Asia VOA relay

- 9495 0957 FEBC: EE/CC: Repeated EE ID w/IS; @ 1000 "Chariots of Fire" Theme; into CC px (243 7/26 George-MA)
- 9610 1059 VOA: IN: IS; EE str/lang ID; YL w/IN s/on anmts; then M nx. QRM de distorted WYFR-9605 in SS (222 8/14 ed.)
- 9670 1345 FEBC: UNID?: M w/EZL rlg mx; EE ID "This is FEBC Radio broad-casting from Manila" @ 1355\* (141 7/25 Carlisle-WA)
- 9800 1037 FEBC: CC: Church service w/CC rlg mx (523 7/28 Trescher-PA) @ 1300 w/IS; ID and ment Philippines (423 7/29 Worob-TX)
- 11790 1159 RVA: JJ: EE ID "This is the JJ px of RVA"; @ 1200 M w/JJ s/on routine; then tlk and interview w/W. Heavy QSB; my first log of RVA itself (333 8/16 ed.)
- 11850 0835 FEBC: EE: Rlg tlk; ID @ 0842 (333 7/9 Johnson-CA)
- 15250 1230 VOA: VV: Yankee Doodle IS; W ID; then M nx (333 8/12 Quag'1)
- 17735 0115 VOA: EE: Countdown of Top Ten songs; 0124 ID (232 7/23 Berri)

QATARQatar Bcast Service

- 17875 1455 QBS: AA: Trad AA mx; @ 1500 anmt w/ID "Idha'atu al-Qatar min ad-Doha" (333 8/7 ed.) (This is Gary Atkins' unID from Aug.)

SAUDI ARABIA Bcast Service of the Kingdom of Saudi Arabia

- 17840 0420 BSKSA: SOMALI: Nx abt Iran/Iraq between mx bridges; 0453\* Bad QSB (242 7/15 Carlisle-WA)

SINGAPORESingapore Bcast Corp BBC relay

- 3915 1200 BBC: EE: BBC WS ID (453 7/3 Carroll-AZ) @ 1315 (t) in IN w/M tlk w/ments London; brief Mozart mx (322 7/24 Atkins-WA)
- 9725 1104 BBC: IN: M nx in country-item format ending @ 1110 w/"#arta-berita dari BBC London"; some QSB but clear; //7275 was very weak (343 8/14 ed.)

SOLOMON ISLANDSSolomon Islands Bcast Corp

- 5020 0813 SIBC: EE: ID; ads; M tlk abt Indonesia (343 7/30 Howell-CA) (t) @ 0800 w/M nx in PD--many ments S.I. but no ID (353 7/20 Laves-TX) (t) @ 0552 w/W and M dialogue in Vernacular (poor 7/10 Anthony Jones-TN)

SRI LANKASri Lanka Bcast Corp VOA relay

- 15250 0235 VOA: EE: Movie "Cry Freedom" banned in SAfr; only site listed now for this frq; do I have any business DXing it? (242 8/1 Janusz-NJ) (Why not?-ed.) @ 0127 w/"VOA Friday Morning" rpt on US economy and Dow Jones averages (333 7/28 Brown-IL)
- 15425 0125 SLBC: EE: Pop mx; @ 0130 TP; clear W ID; "Back to the Bible" (232 7/25 Cichorek-NJ) @ 0157 w/end of "Back to the Bible"; @ 0200 TP; TC for 7:30; ID and nx (333 7/7 Trotto-FL)

TAIWANVoice of Asia WYFR relay

- 7445 1113 VOA: EE: W tlk abt People's Republic of China (252 7/16 Hanson-WA)
- 15055 1345 WYFR: EE: Mbg px to 1356; then more Christian px beamed to India; 1505\* (354 date? Washburn-ME)

THAILANDRadio Thailand

- 9655 1200 RT: EE: M ID "Bangkok, R. Thailand, external service of the Royal Thai Government Public Relations Department" (333 7/31 Carroll-AZ) (Patrick, thanks for forwarding the tape!-ed.)

TURKEYVoice of Turkey

- 9460 \*0355 VoT: TK: IS; WA; ID and tlk w/; IP for 0400 and more W tlk --maybe the wx (444 7/18 Trotto-FL)
- 9640 2322 VoT: EE: Flk abt Turkish peace operation in Cyprus (444 7/20 Leader-IRELAND) (Patrick, all I ever hear here at this time is Radiostantsiya Rodina.-ed.)

UNITED ARAB EMIRATES

UAE Radio Dubai

11730 1942 RD: AA: Px of Qur'an chanting (532 7/24 Trescher-PA)  
 15300 1750 RD: AA: MidEast mx w/male and female vocals (343 8/5  
 Cichorek-NJ) @ 1714 w/tlk ment Arabia (312 7/23 Trescher-PA)  
 17890 0250 RD: AA: Qur'an to 0300; then M nx (352 7/30 Howell-CA) @ 0330  
 in EE w/nx; then px "Zionism Unmasked"; //9640, 11940, 15435  
 (343 7/11 Stanley-AZ)

VANUATU

Radio Vanuatu

7260 0856 RV: VERN/EE/FF: M Vern tlk (sports?); @ 0900 W ID and M w/EE  
 nx to 0916; wx for Vanuatu/New Caledonia; (p)irums/flute/  
 birdcall; ID; then same nx in FF (252 7/20 Quagliari-NY)

VIETNAM

Voice of Vietnam

9840 1020 VoV: EE: W tlk; mx bridge; then M tlk on Vietnamese coffee  
 production; //better 15009.7 (232 7/29 Anywodi-VA) @ 1015  
 w/tlk abt ending Iran-Iraq war; ID (555 7/22 Trescher-PA)  
 on 9839 @ \*1100 in SS w/ID "Esta es la Voz de Vietnam"  
 (353 8/5 Carroll-AZ)

YEMEN, PEOPLE'S DEM. REP.

Democratic Yemen Coast Service

7190 0459 DYBS: AA: W ID; then pres. nx by M w/ments Iran/Iraq; signal  
 fading and down by 0515 (332 7/27 Carlisle-WA)

UNIDENTIFIED

3945 1115 IN?: M w/pres. nx w/ments "Zionuk" or "Sianak" (322 7/30  
 Valentine-CA) (Maybe one of the Inlos in this neighbourhood,  
 but which one?-ed.)  
 6070 1257 ?: Definite Buddhist choral recitations; lost by 1300; weak  
 and QRX'd; Thailand? (poor 7/21 Famularo-WA) (Don't know, but  
 w/Buddhist px, it's probably not RHI Jayapura. Can anyone  
 help on this one?)



I thought that we were supposed to be in the DX summer doldrums, but I was obviously wrong. Thanks again to all of you for your sterling efforts at the radio dials--and my apologies to those of you who had logs which got out. I'll save the cuts from August for the next column.

Time for a good piece of DX news: According to Gordon Darling-PNG on the 7/31 "Communicator" px on HA, some of the PNG regionals will be soon getting their new 10 kW xmtbs in service--and, they'll be changing frqs at the same time. Effective date for the following changes is supposed to be 9/5, but could be changed/delayed:

- M. West New Britain...change to 2435 kHz (ex-3235)
- R. Simbu.....change to 2490 kHz (ex-3355)
- M. Western Highlands...change to 2450 kHz (ex-3375)
- M. North Solomons.....change to 3320 kHz (ex-3325)
- M. East New Britain...change to 3380 kHz (ex-3385)
- R. Manus.....change to 2465 kHz (ex 3315)

Even if they're increasing power, the moves to 120m should make things a bit ...interesting, to say the least.

Here's a last-minute tip from our Africa editor, Al "Wolfie" Quagliari: The Cyprus Broadcasting Corporation has been giving really good reception lately on 7205 kHz, in Greek, Fridays/Saturdays/Sundays #2215-2245\*. (He thinks the new //frq is 9650, but that's unconfirmed.) Even though the programming is all in Greek, they have nice mx--especially the beautiful guitar IS. The Cyprus BC accepts taped reception reports, so this is your best chance to QSL Cyprus--certainly better than trying to get more than a no-data card from the BBC relay. Why not check it out, and send your loggings this way?

Al also has another tip from A/O-land--but the logs for this one go to our new Ute editor, Paul Lannuier, rather than to me. Al caught a feeder xmsn from the University of the South Pacific, in Fiji, 8/16, at around 0500 to 0615, on 9070 USB. This is used to feed university lectures from Suva to regional campuses in other SPac countries. Since there's no SWBC from Fiji, this may be about your best chance to log the country--and since it's in USB, you don't need any fancy equipment to do it. Why not log it, and send it to Paul, to welcome him to the editorial staff?

That's it for this month. I'm off on vacation, but before I go, I've got a question for you guys out in WA: Is there any way you can extend your Indo/PNG pipeline over here to Quebec? (Hi!)

# SPEEDX QSL REPORT

Ray Forsgren - 4856 Inlet Drive - Chippewa Falls, WI. - 54729 - USA

## AFRICA

- /CAMEROON/ R Douala: 4795 f/d pfc in 1 mo after f-up for a FF rpt & \$1. V/S Antoine Marie Nsima. (Kusalik-AB).
- /CENTRAL AFRICAN REPUBLIC/ R Centrafrique: 5034 p/d Map cd in 6 mo for FF rpt, 2 ircs & a tape. V/S Michel Bata. (Eckert-PA).
- /EQUATORIAL GUINEA/ R Africa: 9555 f/d cd in 7 ds from CA. for ms. (NJ-Chchorek).
- /MADAGASCAR/ R Nederland Relay: 17575 f/d Boats cd w/ stickers in 33 ds (Jones-TN). 21480 f/d cd w/ stickers & sked in 23 ds (Matsushita-JN).
- /MOROCCO/ RDTV Marocaine: 17815 f/d cd in 44 ds. V/S Tanane M'hammed Jamal Eddine. (D'Angelo-PA).
- /SOUTH AFRICA/ Radio RSA: 9580 f/d J'burg cd in 15 ds. (Brown-IL). R Orion: 3955 f/d Logo cd w/ ltr in 66 ds for 2 ircs. V/S Bill Sharp. (Cichorek-NJ).
- /ZAIRE/ La Voix du Zaire: 15245 f/d ltr in 697 ds for a FF rpt & \$1. V/S Ayipam Muan-a-ngo. (D'Angelo-PA).

## ASIA

- /INDONESIA/ RRI Banda Aceh: 3905 f/d pfc w/ ltr in 12 ds after f-up for an IN rpt & ms. V/S Rodakim S.H. Kasubbag Tata Usaha. (Kusalik-AB). RRI Serui: 4607 p/d personal ltr in 38 ds after 2nd f-up for an IN rpt & \$1. V/S Drs. Jasran Abubakar. (Coday-CA). R Baghdad: 15230 f/d Map cd w/ info in 34 ds. V/S "Halal". (TN-Robinson).
- /JAPAN/ R Japan: 11800 p/d Shirakawa cd w/ sked & calendar in 25 ds. (Leader-IR).
- /LEBANON/ King of Hope: 6280 f/d cd in 120 ds for \$1. Heard while in Jerusalem. (Eckert-PA).
- /QATAR/ QBS: 11820 p/s Map/Logo cd w/ ltr in 127 ds for ms. (George-MA). f/d Map cd w/ book in 150 ds for 2 ircs. (Eckert-PA).
- /TURKEY/ VoT: 9445 f/d Antalaya cd in 36 ds. Also won a 10 day trip to Turkey!!! Congrats! (Fischer-WI) f/d Logo cd w/ sticker & skeds in 38 ds. (Johnson-CA).
- /UNITED ARAB EMIRATES/ R Dubai: 15435 f/d Map cd w/ pennant & sked in 24 ds. (Fischer-WI). 17865 f/d cd w/ pennant & sked in 29 ds for an irc. (Cichorek-NJ). f/d cd w/ pennant & sked in 33 ds for 4 ircs. (Hanson-WA).

## EUROPE

- /ALBANIA/ R Tirana: 9480 p/d Museum cd in 39 ds w/ sked. (Leader-IR). 9760 p/d cd in 162 ds. (Brown-IL).
- /AUSTRIA/ RAI: 9875 f/d Walser cd in 37 ds. (Brown-IL). f/d Tyrol cd in 37 ds. (Brown-IL).
- /BELGIUM/ BRT: 9925 f/d cd in 30 ds. (Card-RI).
- /GERMAN DEM. REP./ RBI: 11785 f/d Holiday cd w/ goodies in 41 ds. (PA-Levison). Stimme der DDR: 6115 f/d cds w/ ltr in 32 ds after f-up V/S: Gunter Haller. (Kusalik-AB).
- /GREAT BRITAIN/ BBC: 6105 f/d cd in ?? ds. It seems the best way of getting a f/d cd from the Beeb is to send a SS rpt for reception of their SS x'missions. (Pfeifle-NY).
- /IRELAND/ R Dublin Int; 6910 f/d cd w/ ltr in 340 ds after 3rd f-up for ms & a SAE. V/S Eamon Cooke. (George-MA).



ITALY/ RAI: 11800 f/d Painting cd in 73 ds (Brown-IL).  
MONACO/ TWR: 12025 f/d Map cd in 90 ds for \$1. (Eckert-PA).  
NORWAY/ RNI: 9875 f/d Fish Farm cd w/ goodies in 47 ds (Jones-TN).  
15310 f/d Skiing cd w/ sticker & sked in 43 ds. (Brown-IL).  
POLAND/ R Polonia: 7270 f/d LOT cd w/ goodies in 60 ds. (Card-RI).  
PORTUGAL/ R Portugal: 9705 f/d Ship cd in 34 ds...what's this??? A new  
card???. (Fischer-WI).  
SPAIN/ REE: 9630 n/d cd w/ pennant, sked & book in 65 ds (Cichorek-NJ).  
SWEDEN/ RSI: 6065 f/d Stockholm cd w/ poster in 13 ds. (Leader-IR).  
9695 f/d SCDX cd w/ sticker & sked in 14 ds for ms. (Pfeifle-NY).  
21555 f/d cd in 16 ds for ms. (Cichorek-NJ).  
VATICAN CITY/ R Vaticana: 9645 f/d Angel Gabriel cd in 62 ds (Fischer-  
WI).

U.S.S.R.

R Moscow: 9610 via Tula f/d Bolshoi cd in 40 ds. (Wright-MB). 13665 f/d  
cd in 45 ds w/ goodies. (Johnson-CA).  
R Rodina: 12070 f/d Logo cd in 67 ds. (Cichorek-NJ).  
R Yerevan: 13645 f/d White cd in 122 ds. (Culp-DC).

NORTH AMERICA

CANADA/ RCI: 5960 f/d cd in 13 ds. (Culp-DC). 9755 f/d cd in 14 ds. (CA-  
Johnson).  
COSTA RICA/ R Impacto: 5030 f/d personal ltr w/ pennant, sticker &  
postcard in 2 mo for a SS rpt & an irc. V/S Hector Requena C.  
(Matsushita-JN). TIFC: 5055 f/d cd w/ pennant & sticker in 17 ds  
for \$1. V/S Juan Jacinto Ochoa. (Cichorek-NJ). RFFI: 7375 f/d  
Logo cd w/ sked & ltr in 31 ds for 3 ircs. (Johnson-CA). f/d cd  
w/ sked in 38 ds (Fischer-WI).  
CUBA/ R Habana: 6090 f/d Tourist Centre cd w/ sked & ltr in 115 ds for  
an irc. V/S Rolando Paez. (Cichorek-NJ). 6140 f/d Las Villas cd  
w/ ltr in 3½ mo. (Janusz-NJ).  
HONDURAS/ HRVC: 4820 f/d Map cd w/ ltr & pennant in 30 ds for \$1. V/S  
Orfa Duron. (Cichorek-NJ). La Voz de Mosquitia: 4910 f/d ltr w/  
pennant in 18 ds for ms. This via MS QTH. V/S Sammy Simpson. (NJ-  
Cichorek).  
MEXICO/ R Educacion: 6185 f/d form ltr w/ photo in 31 ds registered for  
a SS rpt & ms. V/S Ing. Gustavo Carreno L. (D'Angelo-PA).  
NETHERLANDS ANTILLES/ TWR: 9535 f/d cd w/ pen & info in 21 ds for \$1.  
(Fischer-WI).  
UNITED STATES/ KUSW: 15225 p/d cd in 21 ds for \$1. (Hanson-WA). Voice  
of the OAS: 15160 f/d cd w/ info in 34 ds for a SS rpt. (Fischer-  
WI). VoFC Relay: 5985 f/d Globe cd w/ goodies in 47 ds. (Jones-TN).  
WHRI: 13760 f/d Logo cd w/ sked in 135 ds. V/S Loren Holycross.  
(Johnson-CA). WMLK: 9465 f/d ltr w/ goodies in 79 ds. V/S Elder  
Jacob O. Meyer. (Hanson-WA).

OCEANIA

AUSTRALIA/ R Australia: 17395 f/d Koala cd w/ sked in 26ds. (Johnson-  
CA). 17795 f/d cd w/ sticker & sked in 19 ds for ms. (Pfeifle-NY).  
f/d cd w/ sticker & sked in 50 ds. (Fischer-WI).  
MARIANAS ISLANDS/ KTFWR: 11805 f/d Calligraphy cd in 32 ds for \$1. (WA-  
Hanson). KSDA: 11965 f/d Anniversary cd w. pennant & sticker in  
66 ds for 3 ircs. (Cichorek-NJ).  
NEW ZEALAND/ RNZI: 9540 f/d Rugby cd w/ pennant & sked in 17 ds (WI-  
Fischer). 12045 f/d cd w/ sked in 24 ds for 3 ircs. V/S Rudi Hill.  
(Pfeifle-NY).

SOUTH AMERICA

ARGENTINA/ RAE: 9690 f/d Logo cd w/ goodies in 4 mo. V/S Silvana  
Licciardi. (Janusz-NJ). R Nacional: 6060 f/d Logo cd w/ ltr &  
pennant in 19 ds for a SS rpt & \$1. V/S Gabriel Ivan Borrera.  
(D'Angelo-PA).  
BRAZIL/ R Cultura do Para: 5045 p/d ltr w/ sticker in 46 ds for a PP  
rpt & 2 ircs. V/S Ronald Pastor. (Pagano-DC).

ECUADOR HCJB: 6230, 9720 & 11775 f/d cd w/ sked in 36 ds for ms.  
(Johnson-CA).

PERU R Tropical: 4935 p/d form ltr in 28 ds after f-up for a SS rpt & ms. V/S Luis F. Mori Reategui. (D'Angelo-PA). R del Pacifico: 9949 f/d pfc w/ ltr & sticker in 55 ds for a SS rpt, tape & \$1. V/S J. Petronio Allauca. (Kusalik-AB).

SURINAM R Apintie: 5005 f/d ltr w/ pennant in 44 ds after f-up for ms. V/S E. Vervuurt. (George-MA).

CLANDESTINES & PIRATES

La Voix du Sahara Libre: 15215 f/d pfc w/ stickers in 24 ds for \$1.V/S Marabih Ahmed Haiba. (D'Angelo-PA). f/d pfc w/ sticker & info in 25 ds for a FF rpt & \$1. (Kusalik-AB).

That's it for this month. Keep cool if you can , and just remember- DX season is just around the corner!!!

73 & best DX,



*Ray*

P.O. BOX - Avd. 10 No. 9-31  
Valera - Venezuela

TRUJILLANA DE RADIODIFUSION C.A.  
Y.V.O.H. 1230 Kc.  
Y.V.O.I. 4840 "

Fecha: 29-10-87

Al señor RICHARD A. D' ANGELO.

De 2216 BURKEY DRIVE, WYOMISSING, PA 19610 EE. UU. DE A. (U.S.A.)

Confirmamos su Q.S.L. de fecha: 12-10-87

ha sido muy valiosa para nosotros  
Deseamosle éxito en sus actividades como S.W.L.

Saludos:

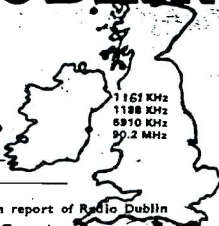


TRUJILLANA DE RADIODIFUSION C.A.

**RADIO DUBLIN**  
INTERNATIONAL

**Q.S.L.**

TO STEPHEN GEORGE  
OF ADWERT MA, U.S.A.



We are pleased to confirm your reception report of Radio Dublin on 670 KHz between 2015 and 2130 GMT on the

13TH MAY 1986

Studios 58, INCHICORE ROAD, DUBLIN 8 (Visitors welcome)

Mailing Address: RADIO DUBLIN, DUBLIN 8, IRELAND.

Telephone: 01-538684

*Simon backe*

# TECHNICALLY SPEAKING...

Edited by  
Kent Willis

Antennas

Radio Wave Propagation

Receivers

Reception Conditions

Equipment Reviews

New Technology

8703 Lantern Lite Pkwy Louisville, KY 40220

Greetings, dear readers. Because this is my first column, a short introduction is appropriate. I'm 27, married (Judith) and have no children (who has time for children? hi!). By profession I am an Electronics Engineer, currently designing and developing sophisticated intrusion detection systems for the military. I have a formal background in R.F. circuit design, and I guess it is only natural that I have an interest in shortwave radio. I have been DX'ing since 1975, but I was totally inactive from about 1980 to early 1987, due to college, marriage and work. The DX bug bit again last year, and about 10 minutes later I picked up the phone with MasterCard in hand and bought a new receiver! I vigorously pursue new countries and QSL's, particularly the Africans, but I also spend a significant amount of my SW time listening to news and music. When I am not at the dials, I am attending to the needs of two successful businesses that I own and operate (brag, brag). I supply chemicals to the numismatic (coin collecting) industry and I also run a growing "pseudo wholesale" jewelry business, specializing in diamonds. (Gee, that's a weird medley of interests, aint it?!).

Writing this column is "another iron in the fire" as they say, but with intelligent time management (the secret to success) AND support from YOU, I believe that I will be able to contribute to the technical needs of the SPEEDX readership. A technical column is both appropriate, and in my opinion, essential to a hobbyist magazine such as SPEEDX. It is my sincere desire that this column will be beneficial to all, regardless of background or experience. I will try to present a blend of both "milk" and "meat" as far as topics are concerned. Please let me know what subjects are of interest to you, and by all means, contribute! Having said that, here we go:

## The Kenwood R-5000 Scanning Modes (Written by Mike Schulsinger)

The May 1988 DX Montage carried a request for information on using the Kenwood R-5000's "program scan" mode. Since many SPEEDXers now own R-5000's, and the R-5000 manual is not correct, I thought it might be useful to publish a procedure to activate the useful "program scan" mode.

The R-5000 has two scanning modes; memory scan and program scan. Memory scan is useful when you wish to monitor more than one frequency at a time, and is similar in function to the normal operating mode of a VHF/UHF programmable scanner. To use it, you enter the frequencies, modes and antennas desired as shown on p.21 of the instruction manual, then follow the memory scan instructions on p.23.

Program scan allows you to scan all frequencies between any two of your choice, for example 15,100 kHz to 15,600 kHz. Better VHF/UHF scanners tend to have a similar feature, often referred to as "search". Program scan is of limited value to the casual SWL, but it can tell a "hardcore" DXer a lot

about current conditions in a given frequency band. For example, if you use this feature to scan the same band each day throughout a season, you will tend to hear the same stations on the same frequencies each day. But when the band opens up or closes down, the pattern will be altered and the change will be immediately obvious to the listener. You can accomplish the same thing manually, but with less speed and accuracy than when using program scan.

Program scan actually permits you to enter as many as ten pairs of frequencies, if you are willing to relinquish two of the 100 available memory channels for each pair. To begin, store the lower frequency of the first pair in memory position #08 and the higher frequency in #09. The second pair can be stored on memory locations #18 and #19, and ending with the tenth pair stored in #98 and #99.

To operate, start in Memory mode. Move the tuning dial to either channel of the pair you wish to scan, #18 or #19, for example. Now press the VFO/M switch to enter the VFO mode. Press SCAN and the R-5000 should begin slowly scanning the chosen band. You will hear static on unoccupied frequencies. To speed up the scanning process, adjust the squelch (SQL) until the background noise is muted. The STEP button also affects scan speed. Remember to set the squelch back to its minimum (CCW) position when you finish scanning.

I have used program scan to store ten of the most active shortwave broadcast bands, but hams and ute DXers could use it in the same manner. Now, how many of you R-5000 owners would like to be able to print out a list of active frequencies obtained by program scan while your RX runs unattended? Using Kenwood's IC-10/IF-232C computer interface accessories, any microcomputer with an RS-232C interface and a BASIC program, I think a reasonably accurate printout would be possible.

If you are interested or if you have found other un/under-documented R-5000 features or utilities, please write me at: Michael Schulsinger, 1002 Woodland Ave., Springfield, OH. 45504-2140.

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I would be glad to hear from any reader regarding the content of this column, and I will try to respond to everyone on an individual basis, IF possible. I am a very busy man, but your questions, opinions and desires are important to me. If that were not the case, I would not have offered to edit this column. Questions of a general nature and of interest to all SPEEDXers will be addressed within this space.

Please do not write me with questions like: "Which receiver is best?", or "Which antenna is the most efficient?". I would only be able to respond with an opinion which is necessarily limited by my personal experience. I will present receiver and other SW equipment reviews in this column and I will not censor any author's opinion regarding the items they review.

The six topic categories listed in the heading are not all-inclusive. It is conceivable that there are other appropriate sub-headings, and anything that I feel is within the scope of this column and of interest to the majority of readers will appear as space permits.

Some of the topics that may appear in the near future include primers on interpreting specification sheets, a peek behind the dials of modern communication receivers, how NOT to construct an antenna, understanding solar and geomagnetic phenomena and related articles.

I also would like to express my gratitude toward the BOD for their trust in my abilities, and special thanks to Peggy Thompson, Ed Janusz and Ralph Bowden for their advice and contributions.

73's and Great DX,  
Kent.

# UTILITY SCENE

Paul Lannuier 25 Mac Arthur Avenue Closter, NJ 07624

## FIXED COASTAL & NAVAL STATIONS

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTR.
2490.0	USB	USA	WOM	Pt Lauderdale, FL	0027	Wkg ship	Trotto-FL
3517.0	CW	England	GNI1	Niton Radio	0349	Marker	O'Connor-NH
3616.0	CW	Scotland	GND1	Stonehaven	0332	ID marker	O'Connor-NH
4066.1	USB	USA	-	Norfolk ICSB, VA	2024	USN/USS CORAL SEA radio ck/tfc	Johnson-NJ
4176.0	CW	Tahiti	FUM	Papeete Naval	0422	French Navy	Jones-TN
4285.0	CW	Canada	VCS	Halifax CG Radio, NS	0151	V marker	Trotto-FL
4725.0	CW	Italy	IDR	Rome Naval	0041	V marker	Jones-TN
5692.0	USB	USA	NOT	COMMSTA Traverse C, MI	0120	Wkg CG 1468	Johnson-NJ
5696.0	USB	USA	NMG	COMMSTA New Orleans, LA	0025	Wkg CG 0047 w/position rpt	Johnson-NJ
5696.0	USB	USA	NMN	COMMSTA Portsmouth, VA	1825	Advising CGC Quimby OSY to ship freqs	Johnson-NJ
5696.0	USB	USA	NMP	COMMSTA Boston, MA	0032	USCG/position rpt from CG M60	Johnson-NJ
5696.0	USB	USA	NMA?	COMMSTA Miami	0118	USCG/phone patch rqst from CG 1711	Johnson-NJ
6350.0	CW	Jamaica	6YX	Kingston	0252	Jamaican CG/CG marker	Jones-TN
6355.0	CW	Surinam	P2N2	Paramaribo Radio	0252	-	Jones-TN
6372.0	CW	Sweden	SAG3	Goteborg Radio	0251	AWVER ttc	Jones-TN
6430.0	CW	Cuba	CLJ	Caibarien Radio	0702	CQ marker	Hawkins-TX
6501.5	RTTY	USA	WLO	Mobile Radio	0720	ARG - Stock report	Hawkins-TX
7542.0	CW	Puerto Rico	NMR	NAVCOMMSTA San Juan	1235	USCG/ID marker	Trotto-FL
8057.0	CW	Pakistan	ARN	Jiwani Naval	1300	CQ marker	Trotto-FL
8473.0	CW	Qatar	A7D	Doha Radio	0050	DE marker	George-MA
8504.0	CW	New Zealand	ZLB4	Awarua Radio	1305	CQ marker	Alexander-IA
8510.0	CW	France	PFS4	St. Lys Radio	0030	CQ marker	Alexander-IA
8514.0	RTTY	USA	WLO	Mobile, AL	2045	FEC - Wx	Alexander-IA
8526.5	RTTY	Portugal	CTW8	Lisbon	0003	170/50R - Port.Navy/Wx	Alexander-IA
8632.0	RTTY	USA	NMG	New Orleans, LA	1445	425/75R - USCG/Promotions list	Hawkins-TX
8649.5	CW	Italy	ICB	Genoa Radio	0425	V marker	Hawkins-TX
8651.5	CW	Surinam	P2N	Paramaribo Radio	0957	CQ marker	George-MA
8686.0	CW	Japan	JCT	Choshi Radio	0750	CQ marker	O'Connor-NH
8686.0	CW	Morocco	CNP	Casablanca Radio	2015	CQ marker	O'Connor-NH
8690.0	CW	Fiji	3DP	Suva Radio	0746	CQ marker	O'Connor-NH
8713.5	CW	France	PFT43	St. Lys Radio	0400	DE marker	Hawkins-TX
8715.0	RTTY	USA	WCC	Chatham, MA	2200	ARG - AP nx to ships	Johnson-NJ
8718.0	RTTY	USA	NMN	COMMSTA Portsmouth, VA	0424	ARG - ID marker	Trotto-FL
8722.5	USB	Argentina	LPL	Gen. Pacheco Radio	1055	Tape loop/ parallel 8759.2	Kuroda-JP
8759.2	USB	Argentina	LPL	Gen. Pacheco Radio	1055	Tape loop	Kuroda-JP
8768.5	USB	West Germany	DAJ	Norddeich Radio	0428	Tfc and ID	Trotto-FL
8984.0	USB	USA	NMP	COMMSTA Boston, MA	1457	USCG/Guard for CG 1719 on training flight	Johnson-NJ
10492.5	RTTY	Ivory Coast	RFTJF	Port Bouet	1810	TDM2 - Ch. B: msg in FF	DeLaunoy-FR
11420.2	RTTY	St. Pauli/Amste	FJY4	Martin de Vivies	0200	425/75R - Meteor/RYYRYS/Wx	DeLaunoy-FR
12135.0	CW	USA	NAM	NAVCOMMSTA Norfolk, VA	0144	USN/VVV marker	Trotto-FL
12195.5	RTTY	Tahiti	FUM	Papeete Naval	0411	TDM2 - Ch. B: 'Controle de voie'/RPHJ	DeLaunoy-FR
12658.2	CW	Saudi Arabia	HZG	Dammam Radio	0330	DE marker	Trotto-FL
12660.6	CW	USSR	UNQ	Novorossiysk Radio	2114	C1g 4LA7	Conway-UK
12664.5	CW	Tahiti	FUM	Papeete Naval	0619	V marker	Conway-UK
12667.5	CW	Japan	JCX	Naha Radio, Okinawa	0654	CQ marker	Conway-UK
12709.0	CW	Barbados	8PO	Bridgetown Radio	0153	DE marker	Hawkins-TX
12711.0	CW	Ecuador	HCS	Guayaquil Radio	2212	C1g HCW6	Conway-UK
12712.0	CW	South Korea	HLW3	Seoul Radio	2004	CQ marker & ttc	Conway-UK
12764.0	CW	Turkey	TBA6	Ankara Naval	2200	V marker	Conway-UK
12793.0	CW	Netherlands	PCH50	Scheveningen Radio	0402	DE marker	Thompson-CA
12795.0	CW	Brazil	PWZ33	Rio de Janeiro Naval	2245	V marker	Hawkins-TX
12829.5	CW	Mexico	XPM	Manzanillo Radio	2123	CQ marker	Conway-UK
12833.5	CW	Philippines	DZP	Novaliches Radio	2129	CQ marker/'MLARDO'	Conway-UK
12835.4	CW	England	GKB5	Portishead Radio	0401	DE marker	Thompson-CA
12858.0	CW	France	FUE	Brest Naval	1030	V marker	Conway-UK
12874.0	CW	Canada	VCS	Halifax CG Radio, NS	2326	V marker	Trotto-FL
12880.5	CW	Sweden	SAG	Goteborg Radio	0332	CQ marker	Jones-TX
12889.2	CW	Hawaii	NMO	COMMSTA Honolulu, HI	1205	CQ marker	George-MA
12898.5	CW	West Germany	DAN	Norddeich Radio	2322	CQ marker	Trotto-FL
12945.0	CW	New Zealand	ZLP	Waiouru	0354	V marker	O'Connor-NH
12978.0	CW	Italy	ICB	Genoa Radio	2301	V marker	Trotto-FL
12983.0	CW	Peru	OB3C	Callao Radio	0355	-	O'Connor-NH
12988.5	CW	Argentina	LPD88	Gen. Pacheco Radio	0349	V marker	O'Connor-NH
13015.5	CW	Italy	IAR	Rome Radio	0540	V marker	Trotto-FL

13046.0 CW	Surinam	P2N4	Paramaribo Radio	0959	CO marker	Conway-UK
13055.0 CW	Ukrainian SSR	UJ07	Kiev Radio	0425	Clg 41A	Jones-TX
13068.8 CW	Iceland	TFA	Reykjavik Radio	1330	CO marker	Conway-UK
13070.0 CW	Latvian SSR	UDH	Riga Radio	0348	CO marker	Jones-TX
13070.0 CW	Latvian SSR	UDH	Riga Radio	0334	CO marker	O'Connor-NH
13122.0 USB	Cyprus	5BA54	Nicosia	1717	-	Kuroda-JP
13178.3 USB	France	PFL61	St. Lys Radio	2312	Wkg ship/GRM from WOM	Trotto-FL
13502.3 RTTY	Venezuela	YVM1	Maracaibo Naval	1748	850/75N - Wkg NBA Panama	Roberts-FL
16194.3 RTTY	Panama	NBA	NAVCOMMSTA Balboa	1605	850/75R - USN/RYRYRYS	Roberts-FL
16861.7 CW	Indonesia	PEX	Jakarta Radio	1257	CO marker	Conway-UK
16870.5 CW	Philippines	DZJ	Manila-Bulacan Radio	1854	CO marker	Conway-UK
16880.0 CW	Qatar	A7D	Doha Radio	1055	DE marker	Conway-UK
16893.5 CW	Japan	JPC	Misaki Gyogyo Radio	2125	Wkg JROB	Conway-UK
16902.5 CW	Netherlands	PCH60	Scheveningen Radio	0005	DE marker	Trotto-FL
16911.2 CW	Japan	JNA	Tokyo Radio	2152	CO marker/also 12658.0	Conway-UK
16912.0 CW	Egypt	SUH	Alexandria Radio	1312	-	Conway-UK
16914.5 CW	Chile	CBV	Valparaiso Naval	2200	-	Conway-UK
16915.0 CW	Reunion	FUX	St.Denis Naval	1303	V marker	Conway-UK
16932.0 CW	Algeria	7TF	Boufarik Radio	1042	Clg CO	Conway-UK
16950.0 CW	Malaysia	9MB6	Penang Naval	1458	V marker	Conway-UK
16957.7 CW	New Caledonia	FUJ	Noumea Naval	1015	V marker	Conway-UK
16960.0 CW	Saudi Arabia	HZY	Ra's Tamurah Radio	0055	V marker	Trotto-FL
16972.0 CW	USA	WCC	Chatham Radio, MA	1501	Tfc list	Roberts-FL
16975.0 CW	India	VVM	Madras Radio	1328	V/CO marker	Conway-UK
16981.5 CW	Greece	SV06	Athens Radio	0106	DE marker	Trotto-FL
17000.0 CW	USSR	ROT	Moscow Naval	2136	CO marker/OSX 12628.5	Conway-UK
17007.2 CW	Netherlands	PCH61	Scheveningen Radio	2228	DE marker	Alexander-IA
17007.7 CW	USA	KL8	Seattle Radio	1736	CO marker	Conway-UK
17014.0 CW	Japan	JFX	Kagoshima Ken Gyogyo R.	2213	Manual tfc/wkg JRVC & clg CO	Conway-UK
17021.5 CW	Taiwan	XSW	Kaoshiung Radio	1053	CO marker	Conway-UK
17033.5 CW	Turkey	TCR	Turban Istanbul Radio	1258	Clg CO/tfc list	Conway-UK
17034.0 CW	India	VNB	Bombay Radio	1400	V/CO markers & tfc lists	Conway-UK
17081.6 CW	Japan	JFA	Matsudo Radio	0903	Very slow CO markers	Conway-UK
17103.0 CW	China	XSG	Shanghai Radio	0025	CO marker	Kuroda-JP
17128.5 CW	New Zealand	ZLP6	Irirangi Naval	0330	V marker	Berri-CA
17130.0 CW	South Lorea	HLW	Seoul Radio	0017	CO marker	Kuroda-JP
17132.5 CW	Japan	JFF	Miyagi Ken Gyogyo Radio	2207	V marker/clg JRXV	Conway-UK
17134.0 CW	LithuanianSSR	UNM2	Elaipeida Radio	2005	DE marker	Conway-UK
17146.4 CW	Israel	4X0	Haifa Radio	0325	CO marker	Berri-CA
17151.0 CW	USA	NMC	COMMSTA SF, CA	0125	USCG/Wx report	Hawkins-TX
17160.8 CW	Italy	IAR27	Rome Radio	0020	Tfc list	Berri-CA
17164.6 CW	Bahrain	APM	Bahrain Radio	1120	DE marker	Conway-UK
17169.0 CW	USA	WPD	Tampa Radio, FL	2055	CO marker	Hawkins-TX
17170.4 CW	Curacao	PJC	Curacao Radio	1512	CO marker	Roberts-FL
17189.6 CW	Angola	D3E71	Luanda Radio	2047	CO marker	Conway-UK
17192.0 CW	Hong Kong	VRN	Cape D'Aguiar Radio	0847	DE marker	Conway-UK
17196.5 CW	Argentina	LPD25	Gen. Pacheco Radio	0156	DE marker	Berri-CA
17203.0 RTTY	Guan	NRV	COMMSTA Barrigada	0010	FEC - USCG Apra Harbor/Wx	Berri-CA
17215.0 RTTY	England	GEP6	Portlshhead Radio	0140	ARG marker	Hawkins-TX
17236.0 USB	USA	KMI	Dixon Radio, CA	0119	-	Trotto-FL
17353.8 USB	Greece	SVN6	Athens Radio	0145	GK music marker	Trotto-FL
18035.5 RTTY	South Africa	ZRH	Capetown Naval	1349	850/75R - RYRYRYS	Delaunoy-FR
19215.0 RTTY	Martinique	FUF	Pt. de France Naval	0404	TDM2 - "DE RPLI..."	Berri-CA
20297.0 RTTY	Uruguay	CXR	Montevideo Naval	1540	425/75N - Foxes/SOS30S	Hawkins-TX
22311.8 CW	Bahrain	APM	Bahrain Radio	1112	DE marker	Conway-UK
22330.5 CW	Angola	D3E81	Luanda	1450	CO marker	Hawkins-TX
22346.5 CW	Argentina	LSA7	Boca Radio	1900	V marker/tfc list	Conway-UK
22390.0 CW	Martinique	FUF	Fort de France Naval	1445	French Navy/V marker	Hawkins-TX
22428.0 CW	Singapore	9V659	Singapore Radio	1130	CO marker	Conway-UK
22431.0 CW	Indonesia	PEX	Jakarta Radio	1605	CO marker	Conway-UK
22456.0 CW	South Africa	ZSC40	Capetown Radio	1413	Tfc list	Hawkins-TX
22473.0 CW	Chile	CBV	VaiparaisoRadiomaritima	1600	CO marker	Conway-UK
22543.0 CW	Algeria	7TF12	Boufarik Radio	1143	CO marker	Conway-UK

OTHER FIXED & RTTY STATIONS

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTR.
4805.0	RTTY	USA	NNN0MSD	San Diego, CA	1625	170/75R - USMC MARS	Berri-CA
5280.1	USB	West Germany	DPE28	Cologne	0142	DW feeder/EE	Trotto-FL
6753.0	USB	Brazil	PRQ25	Belem	0409	Oil rig tfc	Jones-TN
6767.5	RTTY	New Zealand	ZKJ21	Wellington GPO	1953	TDM2 - Ch.B: msg in EE to Macquarie Is.	Delaunoy-FR
6805.0	RTTY	Poland	SOH284	Warsaw	0037	425/50R - Nx in EE	Roberts-FL
7855.0	RTTY	USSR	ROK24	Moscow	1720	.../50R - Meteo	Kuroda-JP

8526.5	RTTY	Portugal	CTW8	Lisbon	0003	170/50R - Port.Navy/Wx	Alexander-IA
9256.3	RTTY	Kampuchea	SPK12	Phnom Penh	1104	500/50R - SPK Nx/RYRYRys	Roberts-FL
9824.1	RTTY	Kampuchea	SPK10	Phnom Penh	0820	500/50N - SPK Nx EE & FR/RYRYRys	DeLaunoy-FR
10153.0	RTTY	Kuwait	9KT281	Sofat	1620	300/50N - KUNA nx in EE	Kuroda-JP
10270.0	RTTY	USSR	RAK25	Moscow	1630	.../50R - TASS nx in EE	Kuroda-JP
10334.8	RTTY	Mongolia	JY78	Ulan Bator	1657	1140/50N - RYRYRys/MONTSAME Nx in EE	DeLaunoy-FR
10390.0	CW	France	FSB	Paris	0206	INTERPOL/ID marker	Trotto-FL
10492.5	RTTY	Ivory Coast	RPTJF	Port Bouet	1810	TDH2 - Ch.B: msg in FF	DeLaunoy-FR
10523.5	RTTY	North Korea	HMM41	Pyeongyang	1218	425/50N - KCNA Nx in FF	DeLaunoy-FR
10538.1	LSB	England	AJE	Croughton	0136	AFRTS feeder/Triple-A all-star game	Trotto-FL
10637.0	CW	USA	KKN50	Washington, DC	0130	US State Dept./CO marker	Trotto-FL
10763.0	RTTY	North Korea	HMY56	Pyeongyang	1714	.../50R - RYRYRys	Kuroda-JP
10960.0	RTTY	Taiwan	3MA28	Taipei	1323	.../50N - RYRYRys/CNA nx	Kuroda-JP
11030.0	FAX	Australia	AXM34	Canberra	0605	120/576 - Meteo/Wx charts	Lannuier-NJ
11090.0	FAX	Hawaii	KVM70	Honolulu	0420	120/576 - Meteo/Satellite photo	Lannuier-NJ
11142.0	CW	England	KRH50	London	0244	CO marker	Trotto-FL
11420.2	RTTY	St.Pauli/Amste	FJY4	Martin de Vivies	0200	425/75R - Meteo/RYRYRys/Wx	DeLaunoy-FR
11550.3	RTTY	St.Pauli/Amste	FJY4	Martin de Vives	0306	425/75R - Meteo	DeLaunoy-FR
12195.5	RTTY	Tahiti	FUM	Papeete Naval	0411	TDH2 - Ch.B: "Controle de voie"/RFBJ	DeLaunoy-FR
12730.0	FAX	USA	NMC	COMMSTA SP, CA	2330	120/576 - Meteo/Wx charts	Lannuier-NJ
13273.0	USB	Hawaii	KUA	Honolulu	0325	Wkg Tokyo	O'Connor-NH
13540.5	RTTY	Argentina	LRO81	Buenos Aires	0015	425/50N - TELAM Nx in EE	Hawkins-TX
13663.0	RTTY	Taiwan	3MA22	Taipei	1400	425/50N - CNA Nx/RYRYRys	Hawkins-TX
13651.3	LSB	England	AJE	Croughton	0205	AFRTS feeder	Janusz-NJ
13676.3	RTTY	UNID	...	UNID	1757	900/75R - Foxes w/no ID	Roberts-FL
13752.0	RTTY	Saudi Arabia	HZJ	Jeddah	0003	425/50N - Testing	Hawkins-TX
13920.0	FAX	Australia	AXM35	Canberra	0530	120/576 - Meteo/Wx charts	Lannuier-NJ
13974.0	USB	Antarctica	NNNO1CE	McMurdo Staton	2357	USN/MARS w/mssgs	Trotto-FL
13996.5	RTTY	Sudan	STK	Khartoum	0155	425/50R - AFTN/RYRYRys	Alexander-IA
14356.0	RTTY	England	GFL24	Bracknell	0030	425/50R - Meteo	Alexander-IA
14360.0	CW	Greece	KWS78	Athens	0155	CO marker	Trotto-FL
14360.0	RTTY	UNID	-	UNID	1900	850/75R - Foxes w/no ID/US Embassy??	Alexander-IA
14373.8	RTTY	Switzerland	HBC88	Versoix	1056	ARO - Tfc in EE, GM to Addis Ababa	DeLaunoy-FR
14441.5	USB	Antarctica	NNNO1CE	McMurdo Station	0010	USN "Operation Deep Freeze"	Gordon-CT
14497.7	RTTY	Azores	CSY66	Santa Maria	2047	Meteo	Roberts-FL
14604.0	RTTY	China	BAC24	Beijing	1400	.../50 - RYRYRY	Kuroda-JP
14640.2	RTTY	Laos	KPL	Vientiane	0906	500/50R - KPL Nx in EE	DeLaunoy-FR
14670.0	RTTY	Cyprus	NKD	Akrotiri	2350	170/50R - RAP DCM/RYRYRys	Alexander-IA
14760.2	RTTY	China	BAT93	Beijing	1445	425/50R - XINHUA Nx in EE	DeLaunoy-FR
14932.3	RTTY	USA	AAAGUSA	Ft.Sam Houston, TX	2130	Packet 300 - Tfc W/AAAGUSA	DeLaunoy-FR
14937.7	RTTY	Chad	TTL	N'Djamena	0647	425/50N - RYRYRys	DeLaunoy-FR
15670.0	RTTY	Hungary	HGM36	Budapest	1605	425/50N - MTL/RYRYRys	Roberts-FL
15752.9	RTTY	Morocco	CNM66	Rabat	0959	425/50R - MAP Nx in FR	DeLaunoy-FR
15890.1	RTTY	USSR	RB179	Moscow	1633	425/50R - TASS Nx/SS	Roberts-FL
16150.0	RTTY	Singapore	9FV205	Singapore	1356	425/50R - Jiji Nx/EE	Berri-CA
16194.3	RTTY	Panama	NBA	NAVCOMMSTA Balboa	1605	850/75R - USN/RYRYRys	Roberts-FL
16243.0	RTTY	East Germany	Y7A64	Berlin	1350	425/50R - MFA/RYRYRys	Berri-CA
16265.0	RTTY	Singapore	9VP26	Singapore	1630	.../50R - ANSA relay, RYRYRys	Kuroda-JP
16343.0	RTTY	Yugoslavia	YZ14	Belgrade	1345	450/50N - TANJUG Nx/EE	Berri-CA
16348.1	RTTY	Cuba	CLNS30	Havana	1849	425/50R - TASS Nx/EE	Roberts-FL
16458.0	CW	England	KRH50	London	2340	US Embassy/CO marker	Trotto-FL
16560.0	RTTY	UNID	-	UNID	1530	425/50R - TASS Nx/EE/Havana???	Alexander-IA
16752.8	RTTY	Morocco	CNM65	Rabat	1622	425/50R - MAP Nx/FF	Roberts-FL
16958.0	CW	USSR	ULY4	Aleksandrovsk	2125	Wkg U1J2	Conway-UK
17203.0	RTTY	Guam	NRV	COMMSTA Braggada	0010	FEC - USCG Apra Harbor/Wx	Berri-CA
17413.5	CW	USA	KKN39	Washington, DC	0138	ORA marker	Berri-CA
17672.0	FAX	Argentina	LQZ67	Buenos Aires	1945	60/288 - AP press photos	Lannuier-NJ
18035.5	RTTY	South Africa	ZRH	Capetown Naval	1349	850/75R - RYRYRys	DeLaunoy-FR
18215.1	RTTY	USA	WFG93	Greenville, NC	1813	425/75N - VOA/RYRYRY	Roberts-FL
18230.0	RTTY	England	GFL25	Bracknell	1600	.../50R - Meteo	Kuroda-JP
18255.0	RTTY	India	ATB68	New Delhi	1514	.../50R - RYRYRys	Kuroda-JP
18261.0	FAX	England	GFE24	Bracknell	1600	120/576 - Meteo/Ice charts	Lannuier-NJ
18307.0	RTTY	Kuwait	9KT349	Huban	1520	.../50R - KUNA nx in EE	Kuroda-JP
18363.5	RTTY	Zaire	9PL	Kinshasa	1540	AFTN tfc	Kuroda-JP
18385.0	RTTY	USSR	RRQ20	Alma Ata	1550	.../50R - TASS nx EE	Kuroda-JP
18602.8	RTTY	USA	-	Greenville, NC	1440	85/75R - VOA/Wkg Munich & Tangier	Roberts-FL
18650.0	RTTY	Poland	SOT265	Warsaw	1650	.../50 - RYRYRys	Kuroda-JP
18823.5	RTTY	East Germany	Y2V38A	Berlin	1520	425/50N - ADN Nx/FF	Alexander-IA
19215.0	RTTY	Martinique	FUP	Pt. de France Naval	0404	TDH2 - "DE RFLI..."	Berri-CA
19405.1	RTTY	Argentina	AYA	Buenos Aires	1908	ARO - Mssgs in EE & SP	DeLaunoy-FR
19443.0	RTTY	East Germany	Y7A77	Berlin	1833	425/50R - MFA/Nx in GG	Roberts-FL
19443.1	RTTY	East Germany	Y7A79	Berlin	2139	425/50R - RYRYRys/MFA	Roberts-FL
19505.0	RTTY	USSR	RDZ36	Moscow	1440	.../50 - TASS in SP	Kuroda-JP
19529.0	RTTY	Japan	JMG5	Tokyo	1555	.../50R - Meteo	Kuroda-JP
19792.5	RTTY	Philippines	-	Poro la Union	0237	425/75N - VOA Nx in EE	DeLaunoy-FR
19980.0	RTTY	Iran	EPJ2	Tehran	1600	.../50N - IRNA nx in EE	Kuroda-JP

20085.0 RTTY	Italy	ISX20	Rome	1610	.../50R - ANSA nx in EE	Kuroda-JP
20297.0 RTTY	Uruguay	CKR	Montevideo Naval	1540	425/75N - Foxes/SOSGSGs	Hawkins-TX
20482.7 RTTY	Philippines	-	Poro la Union	0238	425/75N - VOA Nx in EE	DeLaunoy-FR
20560.0 RTTY	Libya	5A088	Tripoli	1620	425/50R - JANA Nx	Alexander-IA
20682.3 RTTY	Panama	NBA	Balboa	1855	850/75R - RYRYRY	Roberts-FL
20736.0 FAX	Argentina	LSA600	Buenos Aires	1900	60/288 - AP press photos	Lannuiet-NJ
20914.3 RTTY	Thailand	HSP212	Bangkok	1322	300/50N - MFA/EE to Vienna Thai Embassy	DeLaunoy-FR
22728.5 RTTY	Japan	JMG6	Tokyo	1637	850/50R - Meteo	DeLaunoy-FR
22914.9 RTTY	France	PTW9	Paris	1623	425/50N - AFP Nx/FF	Roberts-FL

AERONAUTICAL MOBILE STATIONS

kHz	MODE	TYPE	NAME/CALL	UTC	REMARKS	CONTR.
8846.0	USB	Aero	AEROFL0T 342	0111	Wkg New York	Jones-TN
8846.0	USB	Aero	AIR CANADA 962	0105		Jones-TN
8846.0	USB	Aero	AIR FRANCE 044	0113	Wkg New York	Jones-TN
8846.0	USB	Aero	AMERICAN 919	2052	Position rpt to NY	Roberts-FL
8846.0	USB	Aero	AVIANCA 052	2054	Wkg NY	Roberts-FL
8846.0	USB	Aero	CLIPPER 139	2056	Wkg NY	Roberts-FL
8846.0	USB	Aero	LUFTHANSA 463	0110	Wkg New York	Jones-TN
8864.0	USB	Aero	AIR INDIA 907	0057	Wkg New York	Jones-TN
8891.0	USB	Aero	ICEAIR 662	0311	Position rpt to Gander	O'Connor-NH
11246.0	USB	Aero	TEAL 60	1917	USAP/Clg McDill AFB	Roberts-FL
11267.0	USB	Aero	2 TANGO KILO	1930	USN?/clg 2 TANGO UNIFORM	Roberts-FL
13273.0	USB	Aero	JAPAN AIR 675	0327	Position rpt to Honolulu	O'Connor-NH

MARITIME MOBILE STATIONS

kHz	MODE	TYPE	NAME/CALL	UTC	REMARKS	CONTR.
2714.0	USB	Ship	USS COONTZ - NOEP	0845	Clg Norfolk Port Control	Gordon-CT
2714.0	USB	Ship	USS GLOVER - NFEY	0950	Clg Norfolk Tug Control	Gordon-CT
2714.0	USB	Ship	USS KAUFFMAN - NJLK	0930	Clg Newport Port Control	Gordon-CT
2716.0	USB	Ship	USNS JOSHUA HUMPHREYS - NNJH	2345	Clg Norfolk Tug Control	Gordon-CT
2716.0	USB	Ship	USS AFFRAY - NOAL	1200	Wkg Newport Port Control	Gordon-CT
2716.0	USB	Ship	USS CARON - NOTC	Wkg N	Clg Norfolk Port Control	Gordon-CT
2716.0	USB	Ship	USS COMTE DE GRASSE - NCDG	1010	Clg Little Creek Control	Gordon-CT
2716.0	USB	Ship	USS GLOVER - NFEY	0930	Clg Norfolk Tug Control	Gordon-CT
2716.0	USB	Ship	USS LAKE CHAMPLAIN	0945	New USN cruiser/clg Norfolk Port Control	Gordon-CT
2716.0	USB	Ship	USS MONONGAHELA - NHYC	0905	Clg Norfolk Port Control	Gordon-CT
2716.0	USB	Ship	USS NASSAU - NJPX	0845	Wkg Norfolk Port Control	Gordon-CT
2716.0	USB	Ship	USS PENSACOLA - NEZ1	1015	Wkg USS COMTE DE GRASSE	Gordon-CT
2716.0	USB	Ship	USS VALDEZ - NIDC	0055	Wkg Newport Port Control Secondary	Gordon-CT
2716.0	USB	Ship	USS WAINWRIGHT - NGHX	0935	Clg Charleston Tug Control	Gordon-CT
4066.1	USB	Ship	USS CONYNGHAM - NHLT	0500	Clg Norfolk ICSB	Gordon-CT
4066.1	USB	Ship	USS CORAL SEA - NIJA	0930	Clg Norfolk ICSB	Gordon-CT
4066.1	USB	Ship	USS RANGER - NHHG	0625	Wkg San Diego CSS1	Gordon-CT
4066.1	USB	Ship	USS RUEBEN JAMES - NNRJ	0345	Clg San Diego CSS1	Gordon-CT
4190.0	CW	Ship	M/V MAGUANHAI - BOGU	0026	Msg to HPP	Belghaus-NJ
4191.0	CW	Ship	GENERAL BERDING - SOMM	2356	Msg tp PPO	Belghaus-NJ
4192.0	CW	Ship	M/T LARGAVISTA - 9HRT2	0034	Msg to PPO	Belghaus-NJ
4204.0	CW	Ship	M/V MOLODAYA GWARDIYA	0030	Msg to VCS	Belghaus-NJ
4212.0	CW	Ship	M/V PLANET - C6C94	0025	Msg to VCS	Belghaus-NJ
8344.0	RTTY	Ship	NIS PROFESSOR VIZE - UPU1	0029	170/50N - Wkg RNO Moscow	Roberts-FL
8345.5	RTTY	Ship	TKH PILOTOR ALEKSEYEV - ULBJ	0051	170/50N - Clg UFN Novorissysk	Roberts-FL
8349.0	RTTY	Ship	SONG OF NORWAY - LNVP	2150	ARG - Telex t/c	Gerstner-NY
8350.5	RTTY	Ship	KHUDOZHNIK MOOR - EWDT	0040	170/50N - Wkg Odessa	Roberts-FL
8376.0	CW	Ship	M/V ERITTI AMETHYST - SXPR	2314	Msg to SVD	Belghaus-NJ
8379.0	CW	Ship	M/V PETR DUTOV - UMWD	0055	Msg to unknown station	Belghaus-NJ
8380.0	CW	Ship	M/V KRUSEVAC - YTLU	2350	Msg to YUR	Belghaus-NJ
8385.0	CW	Ship	M/V TIVAT - YTYC	2339	Wkg YUR	Belghaus-NJ
8393.0	CW	Ship	LYRA - ICDU	0050	Msg to PCH50	Belghaus-NJ
8394.0	CW	Ship	M/V THALASSOPOROS - SVTB	0058	Msg to SVD	Belghaus-NJ
8395.0	CW	Ship	M/V ESQUIRE - C4TG	0046	Msgs to ZSJ4	Belghaus-NJ
8395.0	CW	Ship	M/V PEGASUS - DVCN	2339	Msg to PCH41	Belghaus-NJ
8397.0	CW	Ship	M/S GIOVO - 3EYE	2345	Msg to YUR	Belghaus-NJ
8400.0	CW	Ship	M/T REGENT STAR - 9HPC2	0031	Msg to PFI	Belghaus-NJ
8400.0	CW	Ship	SS LOS ANGELES - SZQE	2347	Msg to SAG4	Belghaus-NJ
8402.0	CW	Ship	M/V FRANINA - YUER	2340	Msg to YUR	Belghaus-NJ



8404.0	CW	Ship	ELLEN D. - 3ELC4	2325	Msg to HCG	Belghaus-NJ
8405.0	CW	Ship	M/V KURSK - UDSW	2351	Msg to HPP	Belghaus-NJ
8405.0	CW	Ship	M/V PACIFIC MARINER - ELPC5	2247	Msg to HEB	Belghaus-NJ
8406.0	CW	Ship	M/V KAPETAN ANTONIS III - P3YE2	2331	Msg to PPO	Belghaus-NJ
8407.0	CW	Ship	M/V NEFTBURSK - UWEE	0053	OBS to VCS	Belghaus-NJ
8410.0	CW	Ship	M/V SECURITAS - P3ON2	0057	Msg to OXZ	Belghaus-NJ
8415.0	CW	Ship	M/V PANKAR RESOLUTE - SKLM	2253	Msg to SVD	Belghaus-NJ
8420.0	CW	Ship	BORCEA - YGOY	0028	Msg to YQI	Belghaus-NJ
8420.0	CW	Ship	M/N BAZIAS III - YGOR	0040	Msgs to YQI	Belghaus-NJ
8420.0	CW	Ship	M/V BORSEC - YOGC	0036	Msg tp YQI	Belghaus-NJ
8421.0	CW	Ship	M/V ZIRJE - YTZW	0049	Msg to VCS	Belghaus-NJ
8426.0	CW	Ship	M/V ALMA - P3XJ2	2320	Msg to HEB	Belghaus-NJ
12494.5	RTTY	Ship	CHRISTINA - FINPO	2353	ARG - Msg to Paris	Berri-CA
12499.5	RTTY	Ship	RTMS YURNALA - ESRX	1925	170/50N - Wkg UHK Batumi	Roberts-PL
12500.0	RTTY	Ship	RTMS VASILY GRECHSHINKOV - LYEU	0049	170/50N	Roberts-PL
12500.5	RTTY	Ship	RTMS LENINABAD - UYDP	0057	170/50N - Wkg URB2	Roberts-PL
12503.0	RTTY	Ship	TORENIA - DQWH	1916	ARG - Telex ttc	Roberts-PL
12506.6	RTTY	Ship	BATM VLADIMIR KURASOV - LYHD	0038	170/50N	Roberts-PL
12515.0	RTTY	Ship	TKH SERGEI LAZO - UNGT	1921	170/50N - Tfc	Roberts-PL
12521.0	RTTY	Ship	RTMS YOKIM VATSETIS - UWSG	1932	170/50N - Wkg UHK Batumi	Roberts-PL
12522.0	RTTY	Ship	BATM GEROI SHROTSINTSKY - UWWA	2345	170/50N - RYRYRYs/Wx ttc to Vladivostok	Berri-CA
12568.0	CW	Ship	M/V EAST WIND - SZYX	2301	Msg to GKC	Belghaus-NJ
12570.0	CW	Ship	DYNAMIC CONFIDENCE - DZHX	2020	Msg to PCHS1	Belghaus-NJ
12570.0	CW	Ship	ZEUS - PPF8	1915	Wkg PPL Belem, Braxil	O'Connor-NH
12570.5	CW	Ship	ENSOR - ONAH	1942	Wkg OST Ostende, Belgium	O'Connor-NH
12579.0	CW	Ship	M/V COBO BAY - DUF8	1819	Msg to PCH	Belghaus-NJ
12588.0	CW	Ship	M/V DAMOSTO - IBRH	2238	Msg to IAR	Belghaus-NJ
12595.0	CW	Ship	NAPKRATIS - SYFM	2131	Msg to GKC	Belghaus-NJ
12600.0	CW	Ship	AKRATA - C4LI	1810	Wkg GKC Fortishead	O'Connor-NH
12616.0	CW	Ship	M/V CHARLOTTE BASTIAN - C4PA	2318	Msg to LFX	Belghaus-NJ
12618.0	CW	Ship	M/V TAURO - XCUJ	2136	Msg to XPM	Belghaus-NJ
13826.0	USB	Ship	USS NIAGRA FALLS - NEXJ	2300	MARS NNNOCWB wkg NNNONPN	Gordon-CT
13826.0	USB	Ship	USS VINCENTNES - NVIN	2330	MARS NNNOCBS wkg NNNOPRO	Gordon-CT
14441.5	USB	Ship	USS ANTIETAM - NANT?	0450	MARS NNNOCAL	Gordon-CT
14441.5	USB	Ship	USS GOLDBOROUGH - NOCX	0040	MARS NNNOCWS c/g any Hawaiian MARS station	Gordon-CT
14441.5	USB	Ship	USS JUNEAU - NROP	0130	MARS NNNOCNB wkg NNNONZQ	Gordon-CT
14441.5	USB	Ship	USS VINCENTNES - NVIN	0130	MARS NNNOCBS	Gordon-CT
14467.0	USB	Ship	USS ELMER MONTGOMERY - NQJH	2100	MARS NNNOCSE wkg NNNOZLI	Gordon-CT
16587.1	USB	Ship	EXCON BALTIMORE - WHMK	1816	Wkg KHT/phone patch ttc	Gerstner-NY
16587.1	USB	Ship	OVERSEAS OHIO - WJBG	1527	Wkg KHT/phone patch ttc	Gerstner-NY
16666.5	RTTY	Ship	PROJECT ORIENT - PJAG	0158	ARG - Wkg KPH	Berri-CA
16676.4	RTTY	Ship	KALA MONA - EEND6	2324	ARG - Tlx to COOL CARRIER	Berri-CA
16677.9	RTTY	Ship	BUNGA SELASIH - 9MWG	2341	ARG - Tlx to ANICUSUS	Berri-CA
16694.0	RTTY	Ship	MAERSK COMMANDER - GHZY	2320	ARO - ID/cig ??	Berri-CA
16702.0	RTTY	Ship	MB SERGEI KORSHUNOVITCH - UFOD	2335	170/50 - Tfc Murmansk	Berri-CA
16702.9	RTTY	Ship	TR MOTOVSKIY ZALIV - UGTM	0001	170/50N - Tfc to URB2	Berri-CA
16754.0	CW	Ship	JAPURA PPIH	1917	Msg to PPO	Belghaus-NJ
16754.0	CW	Ship	M/V KONKAR PIONEER - SKVL	1811	Msg to SVD	Belghaus-NJ
16756.0	CW	Ship	OZANA - YQMO	1940	Wkg YPD	Belghaus-NJ
16759.0	CW	Ship	M/V CHAITEN - ELH07	2239	Msg to CBV	Belghaus-NJ
16760.0	CW	Ship	TAI ZHOU HAI - BOXP	1745	Wkg WCC Chatham, MA	O'Connor-NH
16770.0	CW	Ship	M/N O'HIGGINS - CLDR	1847	Msgs to CIA	Belghaus-NJ
16776.0	CW	Ship	ALRAIGO - 3ETP5	1815	Msg to ED26	Belghaus-NJ
16778.0	CW	Ship	EVANGELISTRIA - P3PJ2	1916	Msg to GEB	Belghaus-NJ
16778.0	CW	Ship	M/V VOCE - YTVV	1915	Msg to YUR	Belghaus-NJ
16790.0	CW	Ship	LEI ZHOU HAI - BOXS	1725	Wkg LGX Rogaiand, Norway	O'Connor-NH
16806.0	CW	Ship	B.M.R.T.604 - UUDS	1823	Msg to UAT	Belghaus-NJ
16850.0	CW	Ship	M/V JACUHY - PPMH	1732	Msgs to PPL	Belghaus-NJ
22193.0	RTTY	Ship	PROATLANTICA - P3CW2	1922	ARO - Telex ttc	Gerstner-NY
22207.0	RTTY	Ship	COLUMBUS ONTARIO - DHHO	1744	ARG - Telex ttc	Gerstner-NY

As most of you have probably noticed, I have included FIXED AERONAUTICAL & VOLMET stations under the more general heading of OTHER FIXED & RTTY; this is due to the small number of such loggings this month. Also, some RTTY stations are listed twice, under both FIXED COASTAL/NAVAL, and also OTHER FIXED/RTTY. These stations are somewhat ambiguous. Example: 12195.5 FUF Tahiti is French Navy, but generally functions as a fixed point-to-point station, not a coastal.

Last month, I inadvertently omitted loggings from Fred Belghaus, NJ, and Ken Roberts, FL, although they were given credit. Their loggings appear this month. Sorry, guys.

Almost all contributors are submitting their loggings on the standard forms, cut into strips; this is fine. My only request is that the cut strips not be stapled, as this makes sorting difficult at my end. Also, a lot of time can be saved if each contributor checks his submissions for duplicate loggings before sending them to me. Please avoid logging any station more than once per frequency.

I've been playing with FAX the last few days, and I've listed some of my loggings. There doesn't seem to be much to be heard (seen?), but I've been having fun. The equipment I'm using is the Info-Tech M-800 at home, and the Universal M-7000 at work. With the popularity of the M-7000 growing I hope to see more FAX loggings in the future. The parameters for FAX stations that I have listed in the Remarks column indicate the LPM (lines per minute) & IOC (index of cooperation, or scan density). So,  $120/576 = 120$  lines per minute, 576 IOC.

Some LW beacon loggings have been sent in from a few members. I haven't included them, and will not unless there is an overwhelming demand from the membership. Personally, I would rather stick strictly to SW stations. Comments welcome.

Once again I'm embarrassed about the bland masthead, but I've not been able to come up with anything better. I know that life is too short for cheap mastheads, but please bear with me on this for a short while...

The following kind souls sent in loggings this month:

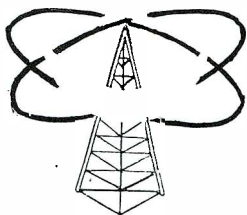
Ed Janusz, NJ	Patrick O'Connor, NH
Takashi Kuroda, JAPAN	Nicolas Delaunoy, France
Ken Roberts, FL	Anthony Jones, TN
Peter Conway, UK	Steve George, MA
Andrew Gordon, CT	Ron Trotto, FL
Robert Johnson, NJ	Rodney Alexander, IA
Fred Belghaus, NJ	Stan Horne, NC
Jason Berri, CA	Hugh Hawkins, TX
John Gerstner, NY	

That's all for this time. Till next time, best regards & 73!

Paul

إيسى نواكشوط

**HUNA NOUAKCHOTT!!**

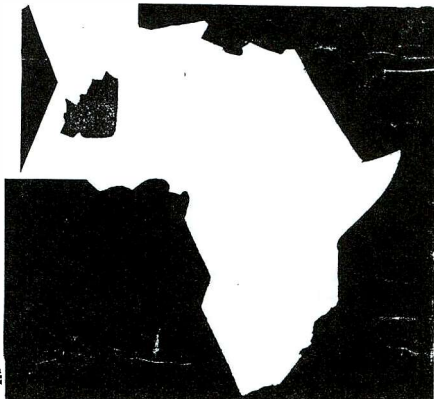


الإذاعة الموريتانية

**RADIO MAURITANIE**

هنا نواكشوط

**ICI NOUAKCHOTT**



**Ralph S. Bowden**  
**SPEEDX MANAGING EDITOR**  
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**Mentone, CA 92359 U.S.A.**

SPEEDX ANNOUNCEMENTS

August 12, 1988

PROJECTS COORDINATOR position in SPEEDX club is presently unoccupied. Any SPEEDX member who feels qualified to handle such a position should write a brief letter to the Managing Editor, outlining any relevant details. Material will be reviewed then forwarded for approval of the B.O.D.

SPEEDX members may at any time of the year forward an application to Managing Editor to become a column editor or other position. Applicant should be able to type in a competent fashion and should give preferences in 1,2,3 order as to editing of columns.

BOOKS

WORLD SATELLITE SURVEY: A GUIDE TO COMMERCIAL SATELLITE COMMUNICATIONS, by R. Stanyard. This book is a major new definitive work which sets out to review the world's commercial satellite systems from a business viewpoint. It is aimed at all companies and organizations using satellites, providing satellite or ground equipment and hardware, communication carriers and regulatory agencies. Technical and business consultants, financiers, insurers, and research academics will also find this book invaluable.

SECTION I: INTRODUCTION, MARKET SURVEY. This section consists of a qualitative review of current trends and developments in the satellite communications sector. It also covers launch vehicle and space business in general, as well as discussing the specific applications of satellite communications. Specific markets considered are satellite television (including direct-to-home DBS, cable television channel distribution, networking and satellite news gathering), telephony, business communications (including VSATs), mobile satellite services, radio determination satellite services, and ground equipment sectors.

SECTION II: SURVEY OF SATELLITE SYSTEMS: Ninety-two major satellite systems, current and planned, are reviewed in this section, with commercial summaries of each satellite system operator. These include addresses, telephone, telex, telefax, prime contact names, launch dates, project costs, and project status. Future developments in the operators' plans are also discussed, where available. The section includes many photographs and technical illustrations of the systems, together with footprint maps. A full glossary of terms is included.

SECTION III: LAUNCH SYSTEMS. This section provides detailed support information on launch vehicles available to commercial satellite operators over the next ten years. Past launch records are available, together with current launch manifests. A summary of upper stages for use with the SHUTTLE and other United States and international launch vehicles is included.

Finally, SECTION IV provides a glossary of terms and a summary of the main platforms used for commercial satellites. (TELECOMMUNICATIONS JOURNAL, June, 1988. Via RSB.)

MODERN RECEIVERS

UNIDEN CR-2021: MANUFACTURER: Uniden Corporation, Taiwan. TYPE OF RECEIVER: Portable. TYPE OF CIRCUIT: Tripe superhet, PLL-type, fully synthesized. Frequency coverage: 0.15 to 30 MHz plus FM. READING ACCURACY:  $\pm$  1kHz. FREQUENCY STABILITY:  $\pm$  0.8 kHz. REMARKS: High performance portable with 12 memories (6 each for AM and FMO, scanning, selectable IF bandwidth and direct action tuning. IMAGE REJECTION: 68 dB. AGC range: 55 dB. ICP 3rd order: - 18 dBm. Antennas: Telescope 110 cm ferrite rod. External antenna connections: Clamps. Switchable antennas (-25, - 15 dB), tunable preselector. AF SECTION: Audio power output: 1.12 W. AUDIO FREQUENCY RANGE: 180 to 9200 Hz. Tone controls:  $\pm$  6 dB/1 kHz. Noise limiter: None. Speaker: 4 ohms, 8.8 cm. Connections: Headphones, external speaker. GENERAL: POWER SUPPLY: 6 x C-type batteries or external 9 VDC. Power consumption: 2.8 VA. Dimensions: 32 x 16 x 6.5 WHD in cm. WEIGHT: 2.18 kg. ACCESSORIES: AC adaptor. (SHORTWAVE RECEIVERS: PAST AND PRESENT, First Edition, UNIVERSAL RADIO RESEARCH, Edited by Fred Osterman, 1988, via RSB, 8-88.)

*Ralph S. Bowden*  
Ralph S. Bowden, SPEEDX Managing Editor

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