

# SPEEDX

JANUARY, 1989

Volume 19, Number 1

**Woody Seymour, Jr.**

**SPEEDXer of the YEAR!**



## QSL CARD

PANAMA INTEL MAR RADIO / HPP  
P.O. BOX 2009  
BALBOA, PANAMA



PATRICK O'CONNOR

DEAR SIR/MADAM,

Directional antennas with 1KW transmitting power output.

THANK YOU FOR YOUR RECEPTION REPORT OF OUR TRANSMISSION (S)

ON 500KHz \_\_\_\_\_ kc/s, WITH EMISSION A1A \_\_\_\_\_

HEARD AT 0459 \_\_\_\_\_ U.T.C. ON February 15, 1988 \_\_\_\_\_

WE HAVE PLEASURE IN VERIFYING YOUR REPORT WHICH IS MUCH APPRECIATED.

March 11, 1988 \_\_\_\_\_

DATE

*Jose Antonio R.*  
MANAGER

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**THE DX MAGAZINE FOR ACTIVE SWLS**

# Spotlight on...

## SPEEDX SPOTLIGHTS

JANUARY 1989



EDITED BY: JOHN TRAUTSCHOLD AND THE ATARI 1040ST COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067-4132

TOTAL CONTRIBUTORS: 69

2 ALEXANDER, BRIAN	PA FRG7700	5 JOHNSON, DAVID	FL FRG7700
2 ALEXANDER, RODNEY	IA M6000	2 JONES, BRIAN	TX IC-R70
5 ALEXANDER, SAM	NC DX302	1 JONES, DAVID	TN FRG8800
1 BATTLES, WILLIAM	NH IC-R71A	2 KLINE, JAMES	CA FRG8800
3 BERRI, JASON	CA R2000	5 LACKMANN, JOHN	VA
1 BISHOP, FORREST	NY RF4800	6 LANGLOIS, HAROLD	FL
1 BLAIR, ARTHUR	CA NRD515	5 LEVISON, HAROLD	PA IC-R70
5 BROWN, EDWARD	IL ICF6800W	6 MATUSUHITA, YUKIMASA	JP
1 BRYANT, JOHN	OK	1 MCCANTS, DON	AL
2 BURBIN, DAVID	BC ICF2010	1 MCKINNEY, LARRY	PA R1000
6 CARD, PETER	RI NRD515	3 MEINHARDT, WARREN	IL
7 CICHOREK, EDWARD	NJ FRG8800	4 MILLER, WILLIAM	CA DX400
1 CODAY, RICHARD	CA FRG7700	7 MORBY, LINDA SUE	NY R5000
3 CONWAY, PETER	UK TS930S	6 NEFF, PATRICK	FL ICF4800
1 CULP, DAVID	DC ICF2002	2 O'CONNOR, FRANK	NH IC-R71A
8 D'ANGELO, RICH	PA NC190	1 PAGANO, NIGEL	DC NRD525
5 DILLON, PETER	GR DX400	1 PIMBLETT, JOHN	AB R5000
1 ECKERT, JOHN	PA R5000	3 PRATH, CARL	FL NRD525
1 EHL, STEWART	IA IC-R71A	3 RADTKE, KYLE	CA SPR4
6 ETEN, JIM	MN	3 RICHMOND, KENNETH	MD R2000
1 EVANS, JAMES	TN IC-R71A	1 ROBERTS, Betsy	FL IC-R71A
6 FISCHER, GREG	WI NRD525	5 ROBINSON, RAYMOND	TN ICF2010
1 FLYNN, BILL	CA R2000	1 ROCKER, RICHARD	MS AT5803A
6 FRASER, BOB	MA XCR30	2 RUSSELL, THOMAS	AL IC-R71A
1 FRIDAY, TIMOTHY	CA DX400	1 SABLE, DAVID	PA TS430S
2 FRONCZAK, RAY	MO	2 SNYDER, BOB	NY RF2800
3 GEORGE, NELSON	NC IC-R71A	1 THUNBERG, FRED	PA R1000
5 GEORGE, STEVE	NC R5000	1 TRESCHER, JAMES	PA FRG7700
4 GERSTNER, JOHN	NY DX1000	1 UERLINGS, F.A.	OR NRD525
3 GORDON, JEFFREY	CT NRD515	1 VALENTINE, ANDREW	CA IC-R70
2 HANSON, ANDREW	WA	1 WALLACE, DONALD	MA
2 HAWKINS, HUGH	TX IC-R71A	1 WEBER, WILLIAM	OH R2000
1 HESCH, RUTH	NY R1000	5 WESTENHAVER, PHILIP	PQ ICF6500W
1 HOWELL, JOE	CA	6 WRIGHT, PHILIP	MB DX400
1 JANUSZ, EDWARD	NJ ICF2010		

THE FOLLOWING COLUMN WAS MISSING FROM LAST MONTH'S LIST: UTILITIES

THE FOLLOWING COLUMNS ARE MISSING FROM THIS MONTH'S LIST:  
South & Central America / Africa

CONGRATULATIONS AND HAPPY NEW YEAR TO THESE NEW FULL MEMBERS:

GREG FISCHER.....WI  
CHARLES WASHBURN.....ME

AND THANKS TOO AND HAPPY NEW YEAR TO THESE FIRST TIME CONTRIBUTORS:

JIM ETEN.....MN  
RAY FRONCZAK.....MO  
LINDA SUE MORBY.....NY  
EDWARD STROH.....IL

Thank you all for your support over these past few months!

SPEEDX Member LARRY CHICKERELL inquires...

"I remember reading somewhere that an organization collected old editions of the WRTH for shipment to SWL's/DXer's in disadvantaged

countries. I have 4 old copies of the WRTH (1983-1986) that I would like to donate, but I don't know where to send them! If anyone knows of the name and address of an appropriate group that would like these old handbooks, please drop me a line with their address, etc."

Well Larry, I can't help you out there, but maybe someone else can! Larry's address is: Route #1, Box 262  
Fairmont, WV 26554-9737

### TV MARTI revisited...

Here's more information about TV Marti (the brother of the infamous Radio Marti) gleaned from the pages of *TV Technology*, November 1988.

"The controversial plan for TV Marti is becoming more controversial. President Reagan has signed \$7.5 million in startup funding that was approved by a Senate-House conference committee. The money will go toward studio construction, staff recruitment and training, and a 90 day test.

"But two House Foreign Affairs subcommittees, Western Hemisphere Affairs and International Operations, convened to discuss foreign policy implications of the proposal. They agreed not to seek additional funding for the project until a hearing could be held next year.

"...TV Marti, like the existing Radio Marti counterpart, aims to broadcast free world news, information and entertainment programs throughout the Caribbean region, including Cuba.

"Much of the opposition for the proposal came from broadcasters, who have consistently scorned the proposal, saying that implementation of TV Marti will lead to Cuban interference on US stations and that the TV Marti signal easily could be jammed by Cuba, and thus deplete its effectiveness.

"One of the proposal's most vocal opponents has been the National Association of Broadcasters, which has called TV Marti a reckless and hastily thought out idea.

"...Everyone knows the effectiveness of television," said Sen. Fritz Hollings (D-SC), one of TV Marti's primary supporters and chairman of the Senate Appropriations Subcommittee on Commerce, Justice, State and the Judiciary. "TV Marti will bring balanced, objective news and information, as well as entertainment to the people of Cuba."

We'll keep you up to date on TV Marti as the information comes in!

FOR SALE...WANTED...CLASSIFIED.....

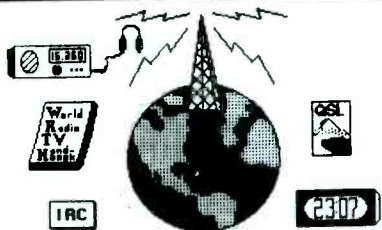
NO collect calls on these ads please!

FOR SALE: SPEEDX back issues - complete set from 1984 through 1988, plus latter half of 1983. \$1.50 per issue or \$10 for a full year; includes postage! Complete your collection! L.J Chickerell, Route 1, Box 262, Fairmont, WV 26554-9737

FOR SALE: SWL - (a PC to Kenwood R-5000 control program) controls a R-5000 Communications Receiver from an IBM PC XT or AT or compatible personal computer. It shows full information on memory channels including name of station, mode, function, when last heard, SINPO, and comments. SWL computerizes logging of stations and printing of log reports. It backs up memory to disk for archive and even allows multiple groups of 100 memories. This program has been tested by Kenwood Communications and is on their software list. The program supports color and mono monitors and both serial ports, and has full documentation. SWL is available with a money back satisfaction guarantee for \$49.95. Send a check or money order to: Timothy R. Hickman, 1342 Brook Road, Baltimore, MD 21228.

WANTED: Old World Radio TV Handbooks - 1980, 1975, and all before 1968. Also any Summer Editions. Let me know what you have, condition, and asking price. Bill Via, WPE3FHB, 1870 Marshall Road., Baltimore, MD 21222.

FOR SALE: Realistic DX-160 General Coverage AM/SW receiver in good condition with manual and external speaker. \$50, includes UPS shipping. Money order or check accepted. John Miller, 2620 Powell Drive, Thomasville, GA 31792. (912)228-1433



# DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

.....jumping o'er times.  
Turning th' accomplishment of many years  
Into an hourglass; for the which supply,  
Admit me Chorus to this history;  
Who, Prologue-like, your humble patience pray,  
Gently to hear, kindly to judge our play.

HENRY V, prologue

## INTO THE 90S WITH SPEEDX

### A report from your Board of Directors

After months of deliberations, your Board has decided to implement a NEW SPEEDX with some significant changes to the bulletin.

The process actually started last year, with the replacement of "Station Skeds" with "Technically Speaking," and with the deletion of "SPEEDX Announcements." Several of you have written in, expressing a desire for schedule information; and we have attended to that, as you shall see. Now is the time to introduce the NEW SPEEDX, the DX Bulletin and DX Club of the 1990's!

First, Bruce MacGibbon will be rejoining the staff and writing a monthly column of world-wide DX news. Many of you know Bruce as one of the most respected editors of serious DX information in all of Radioland, and we welcome him back after too long of an absence. "Hard news"--schedules, programme and station information, and the like--should start going to him immediately, at this address:

Bruce MacGibbon  
2295 North East Juniper Avenue  
Gresham, OR 97030

Second, Carl Huffaker will be writing a new column, providing us with the most authoritative and impressionistic essays on the Latin American radio scene there are. Meanwhile, your loggings of Latin stations will be included in a new, or renewed, "Western Hemisphere" column edited by Thomas Sable. Veteran SPEEDXers will remember that Tom edited this column before it was divided up, and we're glad to get his considerable knowledge and talents back into this important role.

Third, the SPEEDX Awards Program has been revived. (editor's note: We were going to introduce this next month, but Bay State DXer Harold Woering has his introduction ready for inclusion in this column already, and it will appear on a forthcoming page. Thanks, Harold, for "rebuilding Rome in a day!"--ej).

Regretfully, after conferring with Woody Seymour, we have come to the decision to delete "Program Panorama." Although many members have enjoyed this column, it has not always been easy for Woody to get enough contributions to edit every month, and we will continue to serve the programme-listening membership through "Continuous Tuning" (Bruce's new column) and through "DX Montage." Woody will continue to be active in our club activities; and we say thanks for years of gracious help and fine contributions to our

\*\*\* 1988 SPEEDX'er OF THE YEAR \*\*\*

\*\*\* WOODY SEYMOUR, JR. \*\*\*

So, there you have it: Starting with the February 1989 issue, the new-look, new-format NEW SPEEDX!

### THE RETURN OF THE WINTER SWL FESTIVAL

It's back for another year, and I want to tell you about this great event.  
WHEN: 25-26 February, 1989. (That's Saturday and Sunday; the hospitality room will be open on Friday night for early arrivals).

WHERE: The Holiday Inn, Sunnyside Pike, Kulpsville, PA 19443.

WHERE???: It's right off of Exit 31 (Lansdale) of the Pennsylvania Turnpike's Northeastern Extension (that's the first exit north of the intersection with the main part of the Pike). There is limo service from Philadelphia International Airport.

HOW MUCH: Registration is \$30, including lunch and an informal dinner banquet on Saturday. (Should you desire to omit the meals, the registration is \$15; if you want the SWL Festival to take care of this, however, please indicate whether you prefer roast beef or chicken at the banquet with your registration).

For room rates: They're \$55 single, \$59 double; please refer to the WINTER SWL FEST when you're registering [(215) 368-3800], as these are special rates.

WHO: Please send your registration fees to:

Winter SWL Festival

P. O. Box 591

Colmar, PA 18915

The man behind that QTH is Bob Brown, KW3F, who reminds us to check out the ANARC Ham Net (he coordinates it) on 7240 LSB (+ QRM) Sundays at 15:00 UTC for further updates.

When registering, please include your name, QTH, phone #, DXing interests, and whatcha want at the banquet.

\*

WHY: Okay, KW3F promises "a weekend of roundtable and panel discussions," &tc.; and also says: "If you can participate as a speaker, panel discussion member, door prize contributor, or whatever, please let us know." And please do.

My opinion? The best feature about conventions--and this is not meant to knock seminars, which are very useful in their own right--is, simply, the chance to shoot the breeze with your fellow DXers, people who share your own interests. It looks like we're going to have a good SPEEDX turnout this year. Rich D'Angelo will be on hand. I'll be there--even if I sprain my ankle again, I'll just beg a ride from Don Thornton, 'cause he'll be showing up. We're hoping to see Ed Cichorek and Paul Lannuier; and maybe even a carload of Canadians (one never knows)... About 60 DXers showed up last year, and that was during a seriously brutal snowstorm--probably the worst of '87-'88. This year, Bob is hosting the thing a couple of weeks later into the year, which should help with the Wx situation.

The '88 Winter SWL Festival is where I first met Don Thornton, who had just joined SPEEDX and has since become a good friend. Funny thing is... Don tells me that, shortly after the Festival, he was standing in line at the New Brunswick, NJ, Post Office, waiting to buy some IRC's; and someone else came along and bought out a bunch of the things. They got to talking...turned out this other guy was a DXer, too...and, before long, Ed Cichorek was joining us at Phillie games, as well as turning in some ace contributions to this magazine!

Friends, conventions are wonderful things! You'll never know how small this world is until you've been to one. I'll see you there!!

### THE 1989 NORTH AMERICAN DX CHAMPIONSHIPS (NADXC) SPONSORED BY NUMERO UNO

#### ELIGIBILITY

The 1989 DX Championships is open to all DXers residing in North America [as defined by the country list of the North American Shortwave Association (NASWA)]. Members of the NADXC Administrative Committee and the judges are excluded from participation.

#### LISTENING PERIOD, FREQUENCIES, AND TIMES

Each participant must provide a LSASE to the address below no later than 1 February 1989. The contest will occur in late February or early March--specific time and frequency details will be sent approximately two weeks before the actual contest period. The 1989 NADXC will be a true DX contest. Rules will be changed annually to offer new challenges and provide contest variety.

## PRIZES

Trophies will be awarded by NU to the top three finishers; they will also receive a current shortwave - related book from Fred Osterman of Universal Shortwave. All entrants will receive a certificate of participation in the 1989 North American DX Championships and the top 20 will have their place of finish indicated on the certificate.

## FEES

An administrative fee of \$3.00 plus a business-size SASE must be provided for each contest entry. All entries must be postmarked by Wednesday, 15 March 1989 and sent to:

Dr. Harold Cones  
2 Whits Court  
Newport News, VA 23606 USA

Results of the contest should be available in June and will be sent to each participant and all ANARC member clubs for publication.

Good luck from the 1989 NADXC Administrative Committee - Harold Cones, John Fisher, and Dan Sheedy.

\*\*\*\* The 1989 NADXC is part of the celebration of the 1,000<sup>th</sup> consecutive weekly issue of NU and its 20<sup>th</sup> year of operation \*\*\*\*

So much nooz, so little time...I had to excise the scoring rules out of this entry. When you write to the good Doctor, ask for a copy of the scoring policy along with everything else you need. (Harold Cones was another popular guest at last year's Winter SWL Fest: One of the many truly likeable people on the DXing scene, and wonderfully informative on novel ways of hearing Papua New Guinea in all its glory....)

## GILFER'S NEW CATALOGUE

If you're considering upgrading or accessorizing (is that a word? Well, I guess it is now...) your equipment, check out Gilfer Shortwave. They normally ask \$1.00 for their catalogue (it's 20 glossy pages, and does cost something to mail first class); but mention SPEEDX and they'll send you one free.

Gilfer has an excellent book selection. One intriguing item which I haven't seen mentioned anywhere else is the M Street Journal's 1989 Radio Annual; I have this one back-ordered already, and will review it when it shows up (probably within a couple of weeks). (Gilfer Associates, 52 Park Avenue, Park Ridge, NJ 07656; [201] 391-7887, M-F 9-5, Sat 10-3).

## TALKRADIO GOES DX

I hope you catch this in time: On 7 January, UTC 08:06, Ray Briem of the ABC Talkradio Net will be doing another one of his patented DX-a-thons, with guests Stewart MacKenzie, George Jacobs, Steve Miller, Tom Kneitel, and Larry Magne. Of course, I've never heard of any of these cats, but if you want to give 'em some QRM, dial (213) 879-8255. Check your local ABC affiliate for the exact starting time (probably 08:06, but a few stations may vary) and availability.

Here are a few of the usual suspects: WABC (770 kHz); WSB (750); WKOX (1200); WIOD (610); WERC (960); WJBO (1150); KPRC (950); WISN (1130); WJNT (1180); WPTF (680); KSTP (1500); KABC (790); KTAR (620); KOH (630); KNST (940); KFIY (1270); and KTKK (630).

## CLANDESTINES FROM THE 'SHORTWAVE PRESS SERVICE'

This group publishes a monthly "List of Clandestine Radio Stations" in English (6 pages), including information on AM, SW, and FM stations, and has a series of German- and English-language publications available which is far too long to reproduce here. They also have a catalogue of cassette tapes of various clandestine stations.

For more details, send 1 IRC (or US\$1) to: Shortwave Press Service, Weender Strasse 30, D-3400 Goettingen, Federal Republic of Germany.

If you would like to take a look at the 3-page press release/catalogue that was sent to me, please send me 50¢ in stamps, which will cover the cost of copies and postage. This might be a savings to those of you who want to see if you're interested in the available offerings.

### BANGLADESH CALLING

If you've been hearing Radio Bangladesh lately (it's been happening; check out Bill Westenhaver's column), and you want to get a QSL from them, it might help if you send along a donation to rebuild the International Radio Listeners' Club (IRLC) and the country in general after the devastating floods that were suffered this fall.

Taimur Rahman is an engineer at Radio Bangladesh and secretary of the IRLC; he writes:

"We appeal to our well-wishers, friends, members, for their generous donations to the relief fund of the IRLC. All donations may be sent by IMO or checks to the RELIEF FUND, IRLC, S. B. A./C NO. 4329, JEYDEBPUR BR., DHAKA. We will give the life membership of our club...."  
California SPEEDXer Bill Flynn, who forwarded this plea, reminds us not to send cash: "I sent a dollar bill along with my report, but it was pilfered and the envelope carefully resealed!"

## **OUR AWARDS PROGRAM**

Awards, what are they? According to Webster, they are "given in recognition of merit or achievement." You stay up late or get up early to get that last station you need...you receive an award. You post it on the wall above your radio. What a sight, you finally got one! Now for the next challenge.

Welcome to the SPEEDX Awards Program. My name is Harold Woering, Awards Chairman. I am very excited in getting the awards program underway again. I will not re-invent the wheel or make any drastic changes. Yet! More on that later. The program will remain as close to the original program as possible, with some minor changes. For those of you that already have awards and need to have them upgraded, as before, send me your lists along with an SASE and I will see to it that you receive your stickers.

Just to give you an idea of what will be new, there will be additional awards called CW, Armed Forces, USSR, and VOA. A plaque will be available to all who reach the maximum required stations for an award: It's 6" x 5", wood with metal face showing the SPEEDX logo, your name, the date, and the award received.

For country awards, we will be using the ITU listing in the WRTH Handbook. I will also be giving bi-monthly updates to the DX Montage column, informing members who has what awards and how many.

Some of the original awards have not been mentioned. However, as the program progresses, new ones will be added. And, by the way, this program is open to members and non-members worldwide. Pamphlets for the entire program are available. For North America, send \$1.50. Pamphlets for our overseas friends are \$2.00 or the equivalent in IRC's. Make checks payable to Harold Woering.

73's and hope to hear from you.

HAROLD WOERING  
48 CAMPBELL DRIVE  
EASTHAMPTON, MA 01027-2724

### OLD BOOK, NEW PUBLISHER

The two-volume Utility QSL Address Guide by Darryl Symington and John Henault, formerly published by RadioInfo Systems, is now being published by Tiare Publications, Box 493, Lake Geneva, WI 53147. Volume One covers the Americas; Volume Two covers the rest of the world and also contains a cross-reference of some 4,000 utility call signs. Each volume is priced at \$12.95, plus \$1.25 shipping per volume.

\*

Make sure to check out Woody's farewell column for an insight into the kind of person he is: One who cares greatly about this hobby, and who--even more importantly--cares about people. Woody, it's been a real joy having you as a columnist!

Thanks to Patrick O'Connor, who sent in scads of Utility QSL's from his collection; your Publisher will be able to use these to fill out pages, and even occasional covers...I haven't figured out what to do with this month's cover yet, but, rather than send out a blank and incur the wrath of all sorts of good folks, I'll think of something, no doubt....

\*

And now I want to enlist the support of all of you in blowing the cover off DXing's least-discussed but most pervasive scandal....

XYL's: WHY DO THEY HATE DXing??

Four years ago, I spent a New Year's Eve with a friend and a Sony; we listened to Alan Maitland read a terrific short story about New Year's in Scotland. She loved it. Once RCI went ta-ta for the night, I discovered that her QTH was as DX-proof as a QTH could be, and all I could find was a VOA programme--mirabile dictu, she even thought that was interesting! But I never could get her interested in shortwave again... things degenerated to the point where, if I brought along a radio to catch a special programme, I would undergo various punishments for the rest of the evening ("I let you listen to that silly Ian, so now you're going to help me watch 'Rumpole of the Bailey'"--friends, I'm an Anglo-ophile if there ever was one, but this Rumpole is a sod, and 90 minutes of his bleddy show on the telly is a rum go, eh? Ain't 'alf a bleedin' bore....)

But enough of my situation...and, before I go on, I have to tell you that (a) I really don't like these old ARO terms like "OM," "YL," "XYL," &c., and I'm glad they are finally fading out; (b) I absolutely don't mean to make any social stereotypes--the "XYL" that is getting in your way and denigrating your favorite hobby could be a girlfriend, boyfriend, husband, significant other, common-law spouse, liaison dangereuse; whatever is going on in your life, and I make no judgments. (Except on the rather sorry vocabulary of relationships that exists in our language; "girlfriend" isn't a whole lot more sophisticated than "XYL," and "significant other," while at least versatile, has all the charm of "ombuds-person" or "sysop.")

It's a chronic problem, however; I don't know very many DXers who don't get at least some flak from their others about this silly, time-wasting, unsociable hobby of ours.

And why is this?

Ed Cichorek has some good ideas: "Help to eliminate the image of the solitary SWler slumped over the radio," he says, "and promote some positive aspects like education, knowledge of world events, friendship, socializing with new acquaintances, and discovering others who may have similar interests outside of SWling."

He also asks, "How about equal time in the pages of SPEEDX--profiles of spouses?"

And that's an excellent idea. SPEEDXers, please show this page to your "recalcitrant others," and get them to explain, for print, WHY THEY DON'T LIKE SHORTWAVE RADIO.

I mean it. To me, the whole beauty of DXing is in the potential to open up understanding between the different people of the world; why not try to bring that spirit to smaller social units...like families?

TURNING POINTS

You've seen the statement from the Board of Directors at the beginning of this column, introducing the NEW SPEEDX. The Board deliberated long and hard about this (I know, because I was often asked my opinion on possible moves that might affect my abilities to publish this magazine in a timely and effective manner), and finally arrived on a format which, I think, will keep SPEEDX in the forefront of DX clubs in the 1990's.

Of course, there is a problem with fitting all the information we want to bring you each month into 44 pages; something had to give, and, to a large extent, it's this column. I want to emphasize, this is something that wasn't forced on me; as Rich D'Angelo was drawing up the framework for our new page allocations and our new look, I was busy making a career move--one which will probably involve considerably more hours than I was putting into my previous job (never mind not working at all!)--and it's neither fair to our great roster of editors nor practical for my own schedule to have me running my mouth for 5 or 6 pages.

First, we need a Publisher, and that has to be my first priority. Second, having Bruce around as a full-time DX-news correspondent will be totally beneficial to all our readers, as he is much more knowledgeable about the world radio scene than I am. Finally, I'd really prefer to do a column of your essays, opinions, personal profiles, contests, and firestorms of controversy; I think that this is something I can add to the club, and let's leave the news and information to the many people--the many SPEEDX editors--who can really do justice to it.

Please help me fill this column with your thoughts.

①

73's and cheerio, Eddie



# PROGRAM PANORAMA

woody seymour, jr.

P.O. BOX 848

sanford, nc 27330

JANUARY 1989...is a month that marks both a beginning and an ending. While we begin a bright new year in SPEEDX, this month's Program Panorama will be the last edition of the column. Program Panorama first appeared in SPEEDX in April 1978, and for the past 10+ years, we have enjoyed bringing you information on shortwave programming. As part of its efforts to streamline SPEEDX, the Board of Directors has decided to discontinue the column. I have enjoyed editing the column over the years, and I would like to thank the many contributors who have made the column possible. I will continue to be active in SPEEDX, and I look forward to my new duties in the club. Thanks to all! ~s

ALASKA...KNLS broadcasts in English daily at 0800 UTC on 6065 kHz, 1500, 1600 and 1800 UTC on 7355 kHz. The broadcasts are one hour in length. The station has begun a newsletter which is available by writing them at P.O. Box 473, Anchor Point, Alaska.

IRAN...The IRIB broadcasts in English 1130-1225 UTC on 7230, 9520, 9685 and 11790 and 1930-2030 UTC on 6080 and 9022 kHz. (Thanks to Jerry Stuart, OK) (James Kline, CA)

ITALY...RAI broadcasts in English to North America 0100-0120 UTC on 9575 and 11800 kHz. The first 15 minutes is devoted to NEWS, followed by a short musical program to end the transmission. Although the station assigns names to its musical program for each day, it appears simply as a musical interlude. (Peter Card, RI)

NETHERLANDS...Radio Netherlands has the following English program lineup exclusive of opening news programs: Mon THE RESEARCH FILE Tue IMAGES Wed DUTCH ROCK--ALIVE AND WELL Thu MEDIA NETWORK Fri REMBRANDT EXPRESS Sat OVER TO YOU Sun HAPPY STATION. Separate programs for Africa and Asia are also scheduled Wed and Fri. (Direct)

PERU...SPEEDX CDE David Jones of TN sends along a schedule of Radio Del Pacifico on 4975 and 9675 kHz. This Spanish-language broadcaster has a variety of religious and informational programming. I'll be happy to send a copy of the schedule to anyone who will send me an SASE.

SOUTH AFRICA...Radio RSA has begun relaying their 1400-1600 UTC transmission to North America on 25790 kHz. Reception here has been of local quality and offers an excellent opportunity to hear the station (on days when working hours don't interfere). Programs during the first hour on weekdays include YOURS AND MINE, a request program.

UNITED KINGDOM...BBC World Service offers some interesting programming for January: THE SOUND OF SCOTLAND is an 8-part look at the musical styles of Scotland which can be heard Wed 0145, 0445 and 1115 UTC.....NOVEL IDEAS is the name of a new quiz all about books. It can be heard Sun 2030, Mon 1215 and Thu 0330 UTC.....THEY MADE OUR WORLD is a 26-part look at the scientists, technologists and pioneers who have made a difference. Tune in Wed (from 25th) 1215, Thu 0630, 1930 UTC. (London Calling, 1/89)

USA...SPEEDX Asia/Oceania Editor William Westenhaver of Que sends along some VOA info for January: MUSIC NOW looks at the Top 10 singles of 1988 on the January 11 show. The station also will have coverage of the Presidential Inauguration on January 20, particularly in the program VOA MORNING (formerly known as THE BREAKFAST SHOW). Thanks to Bill for his good support of Program Panorama over the years!

Before I end the column, let me make a few comments. I hope that Program Panorama has enabled the SPEEDX membership to learn that shortwave radio as we know it exists for the sole purpose of broadcasting programs to the world. These programs run the gamut from the noble to the self-serving, from the award-winning to the inane. Our reaction to these programs will shape the future of shortwave programming--if we let the broadcasters know what we feel. The first step to world peace is global communication, and there is presently no better means of reaching most of the world's people than the medium of shortwave radio. Keep listening--and responding. All the best, *Woody*

HAPPY NEW YEAR TO ALL READERS OF PROGRAM PANORAMA!

# ENGLISH BROADCAST TO NORTH AMERICA

Produced for SPEEDX by Daniel Sampson

Dec. 15, 1988

Start Time (UTC)	End Time (UTC)	Country	Station	Frequencies	Notes
0000	0030	Israel	kol Israel	9435; 9385; 7460	
0000	0030	Norway	R. Norway Int'l	11850	M
0000	0030	South Korea	R. Korea	15575	
0000	0050	North Korea	R. Pyongyang	15160; 15115	
0000	0100	Bulgaria	R. Sofia	11950; 9700	
0000	0100	China	R. Beijing	15455; 11715; 9770; 9665	
0000	0100	U.S.A.	KUSW	15580	
0000	0100	U.S.S.R.	R. Moscow	21530; 17720; 17700; 17605; 15425; 12050; 9765; 9720; 7310; 7215; 7150; 7115; 6115; 6045; 6000	NAw svce
0000	0130	Canada	R. Canada Int'l	9755; 5960	Tu-Sa
0000	0200	Australia	R. Australia	17795; 15395; 15320	Su-M
0000	0200	Canada	R. Canada Int'l	9755; 5960	
0000	0200	Cuba	R. Havana Cuba	9655	
0000	0200	Spain	R. Ext. Espana	11880; 9630	
0000	0230	United Kingdom	BBC	9915; 9590; 7325; 6175	
0000	0400	U.S.A.	WRNC	7355	
0030	0055	Belgium	Belgische R&TV	9925	M-Sa
0030	0100	Austria	R. Austria Int'l	9875	
0030	0100	Hungary	R. Budapest	15160; 11910; 9835; 9585; 9520; 6110	M-Sa
0030	0100	U.S.S.R.	R. Kiev	15455; 15180; 13645; 9800; 7400; 7165	
0030	0130	Ecuador	HCJB	11910	
0035	0300	Ecuador	HCJB	15155; 11775; 9720	
0045	0130	German Dem. Rep.	R. Berlin Int'l	11890; 6080	
0050	0110	Vatican City	Vatican R	11780; 9605; 6150	
0100	0120	Italy	RAI	11800; 9575	
0100	0130	Austria	R. Austria Int'l	9875	Su
0100	0130	Israel	kol Israel	9435; 9385; 7460	Reg svce
0100	0130	Japan	R. Japan	11905	
0100	0130	Yugoslavia	R. Yugoslavia	9660; 9620	
0100	0150	Fed. Rep. Germany	Deutsche Welle	11865; 9735; 9565; 6145; 6085; 6040	
0100	0157	Czechoslovakia	R. Prague	11990; 9625; 9540; 7345; 6055; 5930	
0100	0200	U.S.S.R.	R. Moscow	21530; 17720; 17700; 17605; 15425; 12050; 9765; 9720; 9700; 7310; 7215; 7150; 7115; 6115; 6045; 6000	NAw svce
0100	0300	U.S.A.	KUSW	11695	
0130	0140	Greece	V. of Greece	11645; 9420; 7430	
0130	0200	Hungary	R. Budapest	15160; 11910; 9835; 9585; 9520; 6110	
0145	0200	South Korea	R. Korea	15575	
0200	0230	Israel	kol Israel	9435; 9385; 7460	
0200	0230	Switzerland	Swiss R. Int'l	17730; 12035; 9885; 9725; 6135; 6095	
0200	0245	German Dem. Rep.	R. Berlin Int'l	11890; 6080	
0200	0250	Brazil	R. Nacional	11745	
0200	0255	South Africa	R. RSA	11760; 9615; 9580	
0200	0300	Argentina	R. Argentina Ext	11710; 9690	
0200	0300	Romania	R. Bucharest	11940; 11830; 9570; 9510; 6155; 5990	
0200	0300	U.S.S.R.	R. Moscow	17720; 17700; 15425; 12050; 12010; 11710; 9765; 9720; 9700; 7310; 7215; 7150; 7115; 6115; 6045; 6000	NAw svce
0200	0330	Egypt	R. Cairo	9675; 9475	
0200	0400	Australia	R. Australia	17795	
0200	0400	Cuba	R. Havana Cuba	9655; 6140	
0200	0400	Taiwan	V. of Free China	15345; 9680; 5985	
0230	0245	Hungary	R. Budapest	15160; 11910; 9835; 9585; 9520; 6110	Tu-W,F-Sa
0230	0300	Albania	R. Tirana	9500; 7065	
0230	0300	Portugal	R. Portugal	9705; 9680; 6060	Tu-Sa
0230	0300	Sweden	R. Sweden	11705; 9695	
0230	0300	United Kingdom	BBC	9915; 7325; 6175	
0230	0325	Netherlands	R. Nederland	9895; 9590; 6165; 6020	
0245	0330	German Dem. Rep.	R. Berlin Int'l	11890; 11785; 9620; 6080	
0300	0330	Japan	R. Japan	21610; 17825; 11870	Reg svce
0300	0330	U.S.S.R.	R. Kiev	15455; 15180; 13645; 7400; 7335; 7165	
0300	0330	United Kingdom	BBC	9915; 7325; 6175; 5975	
0300	0350	Fed. Rep. Germany	Deutsche Welle	9700; 9605; 9545; 6130; 6010	
0300	0357	Czechoslovakia	R. Prague	11990; 9625; 9540; 7345; 6055; 5930	
0300	0400	China	R. Beijing	15455; 15290; 15180; 11860; 11715; 9770; 9690; 9675	

0300	0400	Japan	R. Japan	5960	
0300	0400	Nicaragua	LV de Nicaragua	6100	Gen svce
0300	0400	Romania	R. Bucharest	11940; 11830; 9570; 9510; 6155; 5990	Tu-Su
0300	0400	U.S.S.R.	R. Moscow	17700; 15425; 12050; 12010; 11710; 9765; 9700; 7310; 7215; 7150; 7115; 6115; 6045; 6060	NAW svce
0300	0500	Ecuador	HCJB	11775; 9720	
0300	0500	U.S.A.	KUSW	11695	
0310	0330	Vatican City	Vatican R.	6150	alt. 9815
0330	0355	Finland	R. Finland	11755; 9635	
0330	0400	Albania	R. Tirana	9500; 7065	
0330	0400	United Arab Emir.	R. Dubai	17890; 15435; 11940; 9640	
0330	0430	United Kingdom	BBC	6175; 5975	
0340	0350	Greece	V. of Greece	9420; 9395; 7430	
0350	0400	U.S.S.R.	R. Yerevan	13645; 11860; 11790	
0400	0430	Austria	R. Austria Int'l	6015	
0400	0430	Norway	R. Norway Int'l	9650	Su-M
0400	0430	Switzerland	Swiss R. Int'l	12035; 9885; 9725; 6135	M
0400	0445	German Dem. Rep.	R. Berlin Int'l	11785; 9620	
0400	0450	Cuba	R. Havana Cuba	9655; 6140; 6035	
0400	0450	Turkey	V. of Turkey	9445	
0400	0500	Argentina	R. Argentina Ext.	11710; 9690	
0400	0500	Bulgaria	R. Sofia	7115	
0400	0500	China	R. Beijing	15290; 15160; 11980; 11695; 9675	
0400	0500	U.S.S.R.	R. Moscow	9640; 9610; 9600; 9530; 7290; 6170	Wid svce
0400	0500	U.S.S.R.	R. Moscow	13645; 12050; 12010; 11710; 9895; 9825; 7270; 7230; 7185; 7175	NAW svce
0400	0600	U.S.A.	WRND	6185	
0430	0500	Austria	R. Austria Int'l	6015	
0430	0545	United Kingdom	BBC	9510; 5975	
0445	0530	German Dem. Rep.	R. Berlin Int'l	11785; 9620	
0450	0600	Cuba	R. Havana Cuba	9655; 6035	
0500	0515	Israel	kol Israel	11605; 11588	
0500	0550	Fed. Rep. Germany	Deutsche Welle	9790; 9635; 6130; 6120; 5960	
0500	0600	China	R. Beijing	9770	
0500	0600	Japan	R. Japan	11870; 5990	
0500	0600	Spain	R. Ext. Espana	9630	Gen svce
0500	0600	U.S.S.R.	R. Moscow	9895; 9825; 7345; 7335; 7270; 7230; 7185; 7175; 5905	NAW svce
0500	0700	Ecuador	HCJB	11775; 9720; 6230	
0500	0700	U.S.A.	KUSW	6175	Su
0530	0625	Netherlands	R. Nederland	9715; 6165	
0545	0600	United Kingdom	BBC	5975	
0600	0700	Nicaragua	LV de Nicaragua	6100	
0600	0700	South Korea	R. Korea	9570; 6060	Tu-Su
0600	0700	U.S.S.R.	R. Moscow	9825; 7345; 7335; 7270; 7260; 7230; 7185; 7175; 5905	NAW svce
0600	0750	United Kingdom	BBC	9640; 5975	
0600	0800	Cuba	R. Havana Cuba	11760	
0600	1200	U.S.A.	WRND	6185	Su
0700	0800	Taiwan	V. of Free China	5985	
0700	0800	U.S.S.R.	R. Moscow	7345; 7335; 7270; 7260; 7230; 7185; 7175; 5905	NAW svce
0700	1100	U.S.A.	KUSW	6135	Su
0800	1130	Australia	R. Australia	9580	
1000	1045	German Dem. Rep.	R. Berlin Int'l	11850	
1000	1200	Nigeria	R. Nigeria	15120	
1100	1130	Austria	R. Austria Int'l	15450	
1100	1130	Israel	kol Israel	21625; 11585	Su
1100	1150	North Korea	R. Pyongyang	11735; 9977; 9600	
1100	1209	China	R. Beijing	9665	
1100	1200	Japan	R. Japan	6120	
1100	1200	U.S.S.R.	R. Moscow	15460; 15225; 15150; 12055; 9600	Gen svce
1100	1300	United Kingdom	BBC	5965	Wid svce
1100	1400	U.S.A.	KUSW	6130	Su
1130	1200	Ecuador	HCJB	11740	
1130	1400	Australia	R. Australia	9580; 6060	
1200	1225	Finland	R. Finland	15400; 11945	
1200	1300	China	R. Beijing	17715; 15110; 9665	M-F
1200	1300	U.S.S.R.	R. Moscow	15430; 15225; 15150; 12055; 9600	Wid svce
1200	1400	U.S.A.	WCSN	5980	
1200	1430	U.S.A.	WRND	9715	Su
1200	1600	Ecuador	HCJB	17890; 15115; 11740	
1230	1300	Austria	R. Austria Int'l	15450	
1235	1245	Greece	V. of Greece	15630; 11645; 3905	
1245	1310	France	R. France Int'l	17720; 15365	
1300	1325	Finland	R. Finland	15400; 11945	
1300	1330	Norway	R. Norway Int'l	15310	M-F
1300	1330	United Kingdom	BBC	5965	Su

1300	1330	Yugoslavia	R. Yugoslavia	15325		
1300	1350	North Korea	R. Pyongyang	11735; 11335; 9600		
1300	1400	Canada	R. Canada Int'l	11855; 9635		N-F
1300	1400	U.S.S.R.	R. Moscow	15460; 15225; 15150; 11900; 11840; 7345; 7300; 7160; 5905		Wld svce
1330	1345	United Kingdom	BBC	5965		Su
1330	1355	Belgium	Belgische R&TV	17560		M-Sa
1400	1425	Finland	R. Finland	15400; 11945		N-F
1400	1430	Norway	R. Norway Int'l	15310		Su
1400	1430	Sweden	R. Sweden	21615; 15345		
1400	1500	Australia	R. Australia	9580		
1400	1500	China	R. Beijing	7405		
1400	1500	Finland	R. Finland	15400; 11945		Sa-Su
1400	1500	South Korea	R. Korea	15575; 9750		
1400	1500	U.S.S.R.	R. Moscow	15460; 15150; 11900; 11840; 7345; 7300; 7160; 5905		Wld svce
1400	1600	South Africa	R. RSA	25790		alt 21670
1400	1600	U.S.A.	KUSW	9850		Su
1400	1700	Canada	R. Canada Int'l	11955		Su
1430	1630	U.S.A.	WRND	11965		Su
1500	1600	China	R. Beijing	7405		
1500	1600	Japan	R. Japan	5990		Gen svce
1500	1600	U.S.S.R.	R. Moscow	15460; 15150; 11900; 11840; 7345; 7300; 7160; 5905		Wld svce
1500	1600	United Kingdom	BBC	15260; 9515		Sa-Su
1500	1550	Greece	V. of Greece	15630; 11645; 9425		
1600	1630	Ecuador	HCJB	17890		
1600	1630	Norway	R. Norway Int'l	15265		Su
1600	1700	U.S.S.R.	R. Moscow	15460; 15150; 12050; 12010; 11995; 11900; 11840; 9665; 9640; 7440		Wld svce
1600	1745	United Kingdom	BBC	15260; 9515		
1600	2100	U.S.A.	WRND	15420		
1600	2200	U.S.A.	KUSW	15650		
1700	1730	Norway	R. Norway Int'l	15310		Su
1700	1800	Japan	R. Japan	9505; 5990		Gen svce
1700	1800	U.S.S.R.	R. Moscow	15460; 15150; 12050; 12010; 11995; 11900; 11840; 9665; 9640; 9580; 7440		Wld svce
1800	1815	Israel	kol Israel	11585; 9930; 7405		
1800	1900	U.S.S.R.	R. Moscow	13605; 12050; 12010; 11995; 11840; 9625; 9665; 9640; 9580; 9560; 7440		Wld svce
1800	2100	Kuwait	R. Kuwait	11665		
1900	1930	Japan	R. Japan	9505; 5990		Gen svce
1900	2000	U.S.S.R.	R. Moscow	15405; 13605; 12050; 12030; 12010; 11840; 9665; 9640; 9580; 9560; 7440		Wld svce
1930	2030	Iran	VOIRI	9022		
2000	2030	Israel	kol Israel	9435		
2000	2030	Norway	R. Norway Int'l	15310		Su
2000	2100	U.S.S.R.	R. Moscow	15425; 15405; 15245; 13605; 12050; 11840; 11770; 9625; 9735; 7440; 7105		Wld svce
2005	2105	Syria	R. Damascus	15095; 12065		
2100	2200	U.S.S.R.	R. Moscow	15425; 15405; 15245; 13605; 12060; 12050; 11840; 11770; 9865; 9795; 7440; 7115; 7105		Wld svce
2100	2300	U.S.A.	WRND	13750		
2110	2210	Syria	R. Damascus	15095; 9950		
2130	2200	Bulgaria	R. Sofia	11720; 9700; 7115		
2200	2225	Belgium	Belgische R&TV	9925		
2200	2230	Yugoslavia	R. Yugoslavia	9660		
2200	2245	German Dem. Rep.	R. Berlin Int'l	9730		
2200	2300	Argentina	R. Argentina Ext.	11710; 9690		
2200	2300	United Kingdom	BBC	9915; 7325; 6175		
2200	2400	Australia	R. Australia	17795; 15395; 15320		
2200	2400	U.S.A.	KUSW	15580		
2200	2400	United Arab Emir.	V. of UAE	11965; 9595; 6170		
2230	2255	Israel	kol Israel	9435; 7355		
2230	2330	Bulgaria	R. Sofia	11950; 9700		
2245	2330	German Dem. Rep.	R. Berlin Int'l	9730		
2300	2330	U.S.S.R.	R. Vilnius	15455; 15180; 13645; 11790; 9640		
2300	2350	North Korea	R. Pyongyang	13650; 11735		
2300	2350	Turkey	V. of Turkey	9445		
2300	2400	U.S.A.	WRND	13760		alt. 7355
2300	2400	U.S.S.R.	R. Moscow	21530; 17720; 17700; 17605; 15425; 12050; 9765; 9720; 7310; 7215; 7150; 7115; 6115; 6045		NM svce
2300	2400	United Kingdom	BBC	9915; 9590; 7325; 6175		
2330	2400	Albania	R. Tirana	9760; 7065; 6200		
2330	2400	South Korea	R. Korea	15575		
2335	2345	Greece	V. of Greece	11645; 9395		

# MAIL CALL

A lot of people like "Mailbag" programmes; but, as far as is known, no comprehensive list exists for them. Here, we present a start; and we hope that programme listeners and international DXers will contribute their information and help us make this list more complete.

Special thanks to JOHN LACKMANN for the majority of these listings. We also thank PEGGY THOMPSON, WILLIAM WESTENHAVER, and various contributors to the SPEEDX Loggings Columns and to Bruce MacGibbon's DX SPREAD news-sheet.

Frequencies are generally listed only when they are for broadcasts aimed to areas outside of North America. Otherwise, please consult the "English Broadcasts to North America" list compiled by Daniel Sampson for SPEEDX and available in this issue.

All days and times in UTC

AUSTRIA (RAI): "Postbox 700"  
MON 0045, 0445, 1245

BELGIUM (BRT): "P. O. Box 26"  
SAT 1350

BULGARIA (Radio Sofia): "Midweek Mailbag"  
THU 2145

CANADA (RCI): "Listeners' Corner"  
SUN 2208 (11945 kHz); MON 0008

CHINA, PRC (Radio Beijing): "Listeners' Letterbox"  
MON 0038

CHINA, Rep. (VoFC): "Mailbag Time"  
SUN 0200; MON 0300

CUBA (RHC): "P. O. Box 7026"  
MON 0015

CZECHOSLOVAKIA (Radio Prague)  
MON 0300; TUE 2214 (6055 kHz)

ECUADOR (HCJB): "Saludos Amigos"  
MON 0130, 0330, 0530

EGYPT (Radio Cairo): "Listeners' Mail"  
FRI 2150 (9700 kHz; for Europe)

FINLAND (Radio Finland): "Airmail"  
TUE 1215; 1315; 1415

FRANCE (RFI): "P. O. Box 9516"  
SUN 1625 (15360 kHz; 17620 kHz)

GERMANY, DEMOCRATIC REPUBLIC (R. Berlin): "Mailbag"  
SUN 2200, 2245; MON 0045, 0200, 0245, 0400, 0445

GERMANY, FEDERAL REPUBLIC (Deutsche Welle)  
SAT (alternate) 0100, 0300, 0500

INDIA (AIR): "Faithfully Yours"  
MON 2020, 2120 (11620 kHz)

ISRAEL (Kol 'Israel): "Calling All Listeners"  
SUN 2010; MON 0010, 0210

KOREA, Rep. (Radio Korea): "Shortwave Feedback"  
MON 0005

NETHERLANDS (RN): "Over to You"  
SUN 0250, 0550

POLAND (Radio Polonia)  
FRI 2230 (7270 kHz)

ROMANIA (Radio Bucharest): "Listeners' Letterbox"  
THU 2115 (5990 - 6015 - 7105 - 7195 kHz)

FRI 0400 (5990 kHz), 1330 (11940, 15405, 17850, 21550 kHz)

SOUTH AFRICA (Radio RSA): "P. O. Box 4559"  
SUN 0210, 1510

SPAIN (REE): "Listeners' Club"  
SUN 0015, 0115, 0515

SWEDEN (Radio Sweden): "Mailbag"  
SUN (1st + 3rd) 1410

SWITZERLAND (SRI): "Grapevine"  
SUN 0200; 0400; 1330 (13695; 15570; 17830; 21695 kHz); 1530 (13685;  
15430; 17830; 21695 kHz) (1st + 3d)

SYRIA (Radio Damascus): "Listeners' Club"  
THU 2030

TURKEY (VoT): "Letterbox"  
WED 2315, 0415

UNITED STATES (WCSN): "Letterbox"  
TUE 0140, 0340  
FRI 0140, 0340 (1:40 into regular 2-hr programme each cycle)

USSR (Radio Moscow): "Moscow Mailbag"  
WED 0015, 0515  
SAT 0015, 0515  
SUN 0015, 0515

USSR (Radio Tashkent): "Saturday Night with our Listeners"  
SAT (1st) 1305 (11785, 15405 kHz)

VATICAN CITY-STATE (Radio Vatican)  
TUE (last) 0050

*We hope that you've enjoyed this list. Please send comments, updates, corrections, additions, and subtractions to "DX Montage." And write to the station of your choice!!*

Communications should be addressed  
to the Director

Telephone: 212210

Telegrams: 'AVIATION' LUSAKA



In reply please quote:

No. BCA/103/15/c

REPUBLIC OF ZAMBIA

## DEPARTMENT OF CIVIL AVIATION

P.O. BOX 50137, LUSAKA

12th December, 1986

Mr. Patrick O'Connor  
Plain Road  
Hinsdale NH 03451  
UNITED STATES OF AMERICA

Sir,

Attached herewith is a signed card for verification of your reception on the 15th November, 1986, at 2048 UTC frequency 8903 Khz.

I thank you for having informed us of our transmission and to inform you that the information was correct.

Yours faithfully,

J. Tembo  
for/DIRECTOR OF CIVIL AVIATION

# TECHNICALLY SPEAKING...

Edited by  
Kent Willis

Antennas

Radio Wave Propagation

Receivers

Reception Conditions

Equipment Reviews

New Technology

8703 Lantern Lite Pkwy Louisville, KY 40220

Welcome to this month's column. I apologize for the rather prolific use of words and phrases in "quotation marks" in my articles. In my attempt to be as technically accurate as possible, I may have insulted the intelligence of some of our readers. At best, these "overclarifications" (oops, there is another of those evil creatures--hi!) are tedious and consume valuable space. I will try to limit the use of such expressions to a minimum. If you are ever unsure of what I am trying to convey, please write me and I will expound and clarify as necessary.

Last month I said that the end was near, and alas, this month the end is here! We will be concluding our propagation series with this installment.

## A Propagation Primer, Conclusion:

No discussion on the subject of propagation would be complete without including at least a brief mention of the solar-terrestrial indices and forecasts provided by the National Bureau of Standards via WWV/WWVH at 18 minutes (WWV) past the hour. Many experienced SWL/DX'ers, including myself, regularly monitor and record this information. I keep a notebook which correlates enhanced reception of unusual SWBC stations with the prevailing solar-terrestrial indices provided by WWV. With some experience, a SWL/DX'er may notice that, for example, reception of 90 and 120 MB Papuan and Indonesian signals will be enhanced a few days after the onset of a geomagnetic storm.

Consistent recording of available indices and careful monitoring of SW reception conditions will demonstrate that there is a definite and *somewhat* predictable relationship between certain solar terrestrial phenomena and enhanced reception of SW signals in a particular frequency range and/or from a particular part of the world. This allows a listener to predict when he/she will be most likely to log a desired station. The fact that certain solar-terrestrial phenomena recur periodically at well-known intervals makes prediction possible, but not 100% accurate. Refer to the previous articles in this series for more information about these cycles.

The exact physical and mathematical relationships between the behavior of the sun and the effects upon propagation are very complex, and in many cases are simply unknown. For example, the causal mechanism of solar magnetic storms which produce corpuscular (particle) radiation that migrates toward the earth and then follows the geomagnetic field (producing in most instances the visible auroras) is one of the great unsolved mysteries of solar phenomena. Consequently, mere collection and recording of WWV forecast data and correlation with observed reception conditions may, in some cases, be as scientifically accurate as predicting the intensity of the winter by observation of the thickness of the fur on the squirrels in your backyard! At any rate, collection of such data adds an

interesting facet to our hobby. It may also foster an appreciation for the variable and fascinating nature of our physical world.

The broadcasts from WWV provide us with several pieces of useful information. These include "solar flux", "A" and "K" indices, as well as a qualitative indication of the relative activity of the geo-magnetic field. The solar flux number is a relative measure of solar radiation at a particular frequency (2800 MHz). Much of the salient solar activity, such as the appearance of sunspots, occurs at higher frequencies, i.e. visible wavelengths (4 - 7 x 10 to the 14th power Hz.) and can be observed with optical telescopes. However, significant solar activity occurs at lower frequencies and can only be observed with other equipment such as radio-telescopes tuned to receive a particular range of frequencies, such as 2800 MHz. The choice of this frequency was not entirely arbitrary. A major factor is the absorption behavior of the earth's atmosphere. 2800 MHz signals are not seriously attenuated as they pass through the atmosphere and provide an indication of this lower frequency solar activity. Because the activity of the sun affects the physics of the ionosphere, the solar flux index provides an indication of expected radio reception conditions. Periods of low solar activity produce low values of the solar flux index and contrariwise, high flux values indicate high solar activity.

Ejection of solar particles from the surface of the sun (which migrate toward the earth and are then "trapped" in the earth's magnetic field) also affects the propagation of radio signals. These particles may weaken or even destroy the ionosphere as far as HF radio signals are concerned. The level of the production and migration of these particles can be inferred from the activity of the geo-magnetic field. The "A", or "planetary" and "K" indices both give us information about the current state of the earth's magnetic field. The value of the "A" index is a calculated average based upon observation data taken from many observatories all over the world. It takes 24 hours to collect and process this information, so the "A" index data is actually applicable to the preceding day. The "K" index value is updated every 3 hours based upon data collected from a single location. The "K" index can vary from 0 to 9, but it will rarely exceed 5. The higher the number, the greater the influx of this solar ejecta and the greater the absorption and fading or annihilation of radio signals, particularly those traveling over the poles. If the "K" index was 9, you probably would not be able to receive WWV's broadcast telling you how awful reception conditions are! But then again, you wouldn't need to -hi! "K" values of 0-2 indicate a stable or "quiet" geo-magnetic field. Values of 3-4 indicate an "unsettled to active" field. Values of 5 and greater indicate significant geomagnetic storms and degraded reception of signals.

Simultaneous consideration of these different indices provides a relatively accurate picture of the current state of the ionosphere. High values of solar flux coupled with lower "A" and "K" values generally indicate improved or reliable HF communication, with few exceptions. Low values of solar flux coupled with intense geomagnetic activity will most likely result in inferior or even nonexistent reception of SW signals.

This concludes our series on radio wave propagation. I hope it has been informative and useful. I am now using new software which will allow me to incorporate sketches and drawings directly within the body of the text, greatly improving the effectiveness of this column. 73's and great DX,

HAPPY NEW YEAR, KENT.





NORTH AMERICA  
AND THE  
CARIBBEAN

SEND DIRECT LOGGINGS  
BY THE 12TH  
TO:

Thomas F. Sable  
University of Scranton  
Scranton, PA 18510-2192

ALASKA \*\*KNLS\*\*

12025 2129 JJ; Rhapsody in Blue (222 11/22 Levison-PA)

ANTIGUA *Deutsche Welle relay\*\*British Broadcasting Corp. relay*

5975 2100 **BBC** Caribbean Report: consumer fraud and the black market (555 11/10  
Robinson-TN) News Hour (444 11/28 Alexander-NC)  
6075 0200 **DW** GG; Cuban involvement in Angola (544 11/16 Wright-MB)  
6120 0517 **DW** Commentary on Stealth bomber (444 11/25 Etten-MN)  
6160 0934 **DW** "Asia Pacific Report" on preserving Asian tropical rain forests (444  
11/14 Westenhaver-QU) "German by Radio" (333 11/20 Brown-IL)  
9720 0930 **DW** Nx (444 11/13 Johnson)  
11775 1100 **BBC** Science: granite quarry and geothermal research (555 11/21 Robinson-  
TN)

CANADA *R. Canada International\*\*Northern Quebec Service\*\*BBC relay\*\*DW  
relay\*\* R. Japan relay*

5960 0135 **RCI** "Listeners' Corner" AFRTS freqs, Gray Cup (433 11/28 Etten-MN)  
5960 0332 **RJ** JJ Lang. lesson (444 11/26 Levison-PA)  
6005 2023 **CFCX** Ad for window cleaning (222 11/11 Cichorek-NJ)(Fischer-WI)  
6070 0048 **CFRX** Ads for Toronto Ford dealer (434 11/23 Cichorek-NJ)(Alexander-  
NC)(Wright-MB)(Robinson-TN)  
6120 1110 **RJ** Nx; baseball is popular in Japan (444 Fischer-WI)  
6160 0844 **CKZN** Pioneer stories (333 11/23 Cichorek-NJ)(Evans-TN)  
6195 0547 **NQS** Mx: "How Are We Going to Keep Them down on the Farm?" (333  
11/20 Brown-IL)  
9515<sup>nf</sup> 1117 **BBC** "Tech Talk" on building a nuclear reactor (434 11/14 Westenhaver-QU)  
9635 1350 **RCI** "North Country" (444 11/28 Richmond-MD)  
9755 0140 **RCI** "Listeners' Corner" (544 11/9 Richmond- MD) SWL Digest: World  
DX Friendship Year program from 1973 (444 11/13 Neff-FL)(Etten-MN)  
11855 1300 **RCI** "North Country" (444 11/23 Alexander-NC)  
11940 0232 **RCI** "As It Happens" (242 11/15 Wright-MB)  
11945 2237 **RCI** "Innovation Canada" (444 11/12 Brown-IL)  
11955 1410 **RCI** US election topics (333 11/16 Neff-FL)  
15260 0125 **BBC** Financial report (544 11/30 Brown-IL) Canadian World War I ace  
Billy Bishop (545 11/15 Robinson-TN)  
17820 1808 **RCI** Listeners' Corner (344 11/15 Richmond-MD)Blacks in Canada (333  
11/22 Dillon-Greece)

CUBA *R.Habana\*\*R. Rebelde relay\*\*Radio Moscow World Service relay*

5965 0412 **RHC** "Spotlight on Latin America (444 11/25 Cichorek-NJ)  
9655 0030 **RHC** Interview with US teacher working in Nicaragua (555 11/17 Fraser-  
MA)Violence in the U.S.A., Cuban boxers (555 11/16 Robinson-TN)  
11760 0204 **RHC** Creole; YL mentions Daniel Ortega, Guyana (523 11/8 Wright-  
MB)EE; contest (555 11/20 Morby-NY) Nx, "The Way We See It" (444 11/15  
Richmond-MD)  
11800 2015 **RHC** Canadian song writer (444 11/13 Neff-FL)  
15230 1230 **RHC** SS; "Panorama RHC" (555 11/13 Robinson-TN)  
15340 2240 **RHC** AA; Mx, ID, Freqs (252 11/16 Wright-MB)

GREENLAND *\*\*Grønlands Radio\*\*Kalaalit Nunaata Radio\*\**

3999 1053 **Kalaalit Nunaata R.** Vern.; Eclectic mx, no ID (323 11/25 George-MA)

NETHERLANDS ANTILLES *Radio Nederland\*\*Trans World Radio*

- 6165 0530 **RN** Happy Station (444 11/28 Alexander-NC)+1  
 9535 0502 **TWR** International nx, ID, mx (434 11/20 Richmond-MD)  
 9590 0245 **RN** "Media Network"(444 11/24 Etten-MN)  
 9630 0805 **RN** "Happy Station" calls from a hot air balloon over the Netherlands (333 11/20 Brown-IL)  
 11815 1230 **TWR** "The Way to Life" (444 11/18 Neff-FL)  
 11930 0325 **TWR** "Insight for Living" (333 11/24 Alexander-NC)  
 15315 0214 **RN** SS; Military markets (444 11/15 Miller-CA)  
 15385 0203 **TWR** SS; program from Guatemala (252 11/13 Wright-MB)

PIRATES *Radio FreeNebelungen*

- 6215 1200 **R. Liberacion** SS; "calling all people in Nicaragua" (343 11/22 Morby-NY)  
 6305 1200 **V. C. I. D.** OM, vocals, orchestra, comments (555 11/19 Robinson-TN)  
 9940 0149 **V. C. I. D.** U.S. pop mx (444 11/17 Cichorek-NJ)(Wright-MB)(Fraser-MA)  
 9960 1200 **R. Caiman** SS; Cuban mx(555 11/10 Robinson-TN)

UNITED STATES OF AMERICA *\*\*Voice of America\*\*Voice of Free China\*\*Radio Marti\*\*Voice of the Organization of American States\*\**

- 5950 0405 **WYFR** "Unshackled" (444 11/28 Alexander-NC)  
 5985 0302 **VOFC** Market nx, Culture in Taipei (444 11/19 Levison-PA) Nx:4 Mainland students arrive in Taiwan, post US election report (544 11/22 Brown-IL)  
 7355 0950 **WHRI** Christian contemporary mx (433 11/1 Alexander-NC)  
 7355 0045 **WRNO** Jazz and commercials (444 11/9 Langlois-FL)  
 7520<sup>nf</sup> 0158 **WHRI** IS; ID, address. This freq for Europe. Into EL Christian mx (544 11/24 Westenhaver-QU)(444 11/27 Snyder-NY)(Brown-IL)  
 9465 1645 **WMLK** Intro, ID by OM, commentary by Elder Meyers (434 11/25 Sable-NY)  
 9495 0315 **WHRI** "Radio Earth" DX nx, IDs, ads, letters (433 11/29 Miller-CA)  
 9525 0015 **RM** SS; OM gives election nx of S. Florida (444 11/9 Langlois-FL)  
 9575 0523 **VOA** John Mitchell dies, Stealth planes (444 11/11 Neff-FL)  
 9590 1230 **RM** SS; Nx of contras (545 11/15 Robinson-TN)  
 9680 0337 **VOFC** "Taiwan Economic Report" on Holland Food Expo in Taipei (433 11/17 Westenhaver-QU)(544 11/27 Morby-NY)  
 9700 0429 **VOA** PP, IS, ID, in EE, into PP program (434 11/23 Snyder-NY)  
 9705<sup>nf</sup> 1109 **VOA** Wild West Cattle drives/9760 (343 10/20 Westenhaver-QU)  
 9850 2115 **WCSN** Pop mx, ad for Monitor (333 11/9 Miller-CA)(555 Wright-MB)(Alexander-NC)  
 11580 0105 **VOA** theft of program material for S Africa from VOA hq (333 11/15 Richmond-MD)  
 11695 0055 **VOA** "Country Music U.S.A." (544 11/12 Miller-CA)  
 11695 0218 **KUSW** Seventies pop mx, Mailbag, Ads (555 11/10 Wright-MB)  
 11760 1930 **VOA** Magazine: Mickey's 60th birthday (454 11/18 Fraser-MA)  
 11805 2215 **VOFC** Comments on Bush Presidency (222 11/10 Alexander-NC)  
 11830 1455 **WYFR** Birthday wishes, children's program (444 11/12 Neff-FL)  
 11930 2230 **RM** SS; Nx read by YL, report by OM (444 11/24 Matsushita-JA)  
 13760 1437 **WCSN** Letterbox (444 11/19 Neff-FL)  
 15105 1517 **WHRI** Inspir. mx, rec. reports requested (444 11/12 Neff-FL) (444 11/15 Richmond-MD)  
 15145 0310 **WINB** Religious mx, poem read by OM (333 11/12 Cichorek-NJ)  
 15185 2110 **WINB** Gospel songs (444 11/12 Neff-FL)  
 15295 1842 **WINB** Organ mx "Grand Old Gospel Hour" (444 11/29 Westenhaver-QU)  
 15410 1713 **VOA** Book on African economic growth (444 11/12 Neff-FL)(Etten-MN)  
 15420 1830 **WRNO** Hall of Fame, Elvis tune (555 11/11 Robinson-TN)  
 15565 1754 **WYFR** New Testament in Slow English (434 11/15 Richmond-MD)  
 15580 2335 **KUSW** Rock mx (333 Alexander-NC)(555 11/12 Miller-CA)(Langlois-FL)  
 15650 2150 **KUSW** Cruise ads, world headlines (555 11/17 Miller-CA)+2  
 17775 2025 **KVOH** SS; YL reads nx headlines, prayer, SS mx (444 11/29 Miller-CA) "Pat Boone Show" (333 11/5 Alexander-NC)  
 17830 2345 **WHRI** Pop mx, time sigs. (333 11/9 Miller-CA)  
 21640 1703 **WCSN** Sharpville Six trial news (444 11/23 Cichorek-NJ)  
 21840<sup>nf</sup> 1617 **WHRI** Christian pop mx, talk by Dr. Sumrall (555 11/13 Westenhaver-QU)

Remember to send the loggings to me by the twelfth of the month or our CDE:

David Jones, 2120 -C Mockingbird Lane, Box 8, Springfield, TN 37172

by the fifth of the month.

Bye for now.

*T.J.S.*

**EUROPE**

Daniel 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**

- ALBANIA** Radio Tirana  
 7205 0643 RI EE; revlutionary legacy of Enver Hoxha (232 11/9 Westenhaber-QU)  
 7300 2300 RI PP; ID "Para Brazil," nx, political tik (343 11/24 Prath-FL)  
 9760 2333 RI EE; tik about the hostility of imperialism, Socialism is the wave of the future (*catch the wave! - ignore this comment please-ed.*) (422 11/7 Cichorek-NJ)
- AUSTRIA** Radio Austria International  
 6005 0415 RAI GG/EE; Osterreichjournal, mx, Rpt from Austria (222 11/30 Miller-CA)  
 9875 0030 RAI EE; comtry on the Greens in Austria & their future (443 11/19 Etten-MN) 0030 EE; Kurt Waldheim winds up tour of ME (343 11/2 Cichorek-NJ)  
 12010 1930 RAI FF; ID by OM, nx, tik, // 13730 (343 11/13 Prath-FL) 1830 EE; Daily Rpt from Austria, A Profile of Austria (444 11/6 Dillon-Greece)  
 15450 1245 RAI EE; item on U.N. against drugs (433 11/25 Snyder-NY) 1231 EE; air quality in Austria (444 11/6 Cichorek-NJ)  
 21490 1300 RAI EE; Coffeetable, polka mx & yodeling (545 11/20 Robinson-TN)
- BELGIUM** Belgische Radio en Televisie  
 5915 2215 BRT EE; tik about antique & valuable pieces of art (343 11/25 Prath-FL)  
 17560nf 1342 BRT EE; Radio World, tourism pgm, ex-17555 (444 11/19 Westenhaber-QU)  
 21810 1630 BRT EE; press review, Belgium Today (222 11/16 Miller-CA) 1629 EE; ID in EE/Dutch, Cadmium pollution in Belgium in rivers (333 11/23 Cichorek-NJ)  
 21815 1330 BRT EE; IS, ID, nx, // 17650 (434 11/11 Richmond-MD)
- BULGARIA** Radio Sofia  
 7115 0415 RS EE; tik about DX show & upcoming film festival (333 11/18 Etten-MN)  
 7115 2345 R. Moscow EE; series on Josef Stalin & his repressions (554 11/11 Fraser-MA) 0227 EE; Soviet aviation pioneer-Andrei Tupolev (544 11/11 Cichorek)  
 9700 1945 RS EE; Gorbachev visiting India (444 11/18 Fraser-MA)  
 11720 \*0730 RS EE; nx about ethnic strife in Armenia & Azerbaijan (232 12/4 Westenhaber-QU) 2140 EE; nx bulletin, pop mx, // 7115 (333 12/3 Prath-FL) 0035 EE; happenings in Bulgaria, DX pgm (333 11/14 Alexander-NC)
- CZECHOSLOVAKIA** Radio Prague  
 5930 0300 EE; Newsview, Youth Magazine, drug abuse, environmental congress (544 11/2 Wright-MB) 0112 EE; the Art Society exhibition (444 11/14 Neff-FL) 0340 EE; listeners cl mx request, address, IS (322 11/28 Etten-MN)  
 17705 1540 EE; nx, ID as Afro-Asian svce (333 11/24 Prath-FL)
- DENMARK** Radio Denmark  
 25850 1358 Danish; IS, Danish/EE ID's, s/on anmt in Danish, 1401 electronic theme & prob. nx by YL (131 11/25 Westenhaber-QU)
- FINLAND** Radio Finland  
 9635 0330 RF EE; local nx, railway strike, upcoming elections (434 10/15 Fischer-WI)  
 11755 2235 RF EE; Compass North, environmental protection of the Baltic Sea (444 11/19 Prath-FL) 0344 EE; Starting Finnish, 0355\* (444 11/10 Wright-MB)  
 11945 1310 RF EE; comtry of Finnish papers (433 11/25 Snyder-NY) 1415 EE; intvw w/ manager of jazz festival, // 15400 (444 11/27 Etten-MN) 1219 EE; most Finns satisfied w/ coalition transactions (434 11/10 Cichorek-NJ)  
 15400 1435 RF Finnish; nx, tik, ment boycott, Northern Rpt or Compass North (444 11/11 Miller-CA) 1400 EE; Northern Rpt, tik about Finland's support for int'l refugees, QRM de Baghdad (433 11/23 Alexander-NC) 1430 EE; TV links w/ Sweden, intvw w/ communications advisor (454 11/20 Wright-MB) 1300 EE; Northern Rpt, U.N. peacekeeping forces in Lebanon (544 11/23 Cichorek-NJ)

**FRANCE Radio France International**

9805 0706 RFI FF; discussion of French political situation (444 11/5 Richmond-MD)  
 11670 1304 RFI EE; disc. about Americans seeing African films (333 11/25 Snyder-NY)  
 11720 1300 RFI FF; EE ID, Harry Belafonte sings, FF vocals (555 11/6 Robinson-TN)  
 15155 1255 RFI EE; U.S. elections, referendum on New Caledonia (323 11/8 Cichorek-NJ)  
 15360 1627 RFI EE; P.O. Box 9516, // 17620 (322 11/20 Prath-FL)  
 15365 1252 RFI EE; headlines from French newspapers (433 11/23 Alexander-NC)  
 17720 1305 RFI EE/FF; letters, Belafonte song, into FF (443 11/6 Neff-FL)  
 17725 1501 RFI FF; pop mx, tlc (343 11/23 Miller-CA)  
 17795 1537 RFI EE; nx, contry, pop mx, Paris Calling Africa (333 11/23 Miller-CA)  
 25810 1306 RFI FF; nx by YL/OM (333 ???) Snyder-NY)  
 25820 1305 RFI FF; ID, tlc by OM/YL, // 17620 (343 11/19 Prath-FL)

**GERMAN DEMOCRATIC REPUBLIC Radio Berlin International**

11785 0307 RBI EE; // 9730, comments on long range missiles, environment protection, job training (434 11/5 Levison-PA) 0445 EE; nx, Western journalists inspect rockets in U.S.S.R. (323 10/5 Fischer-WI) 0300 EE; support to Nicaragua for relief of damage by hurricane (332 11/5 Etten-MN)  
 11890 0100 RBI EE; nx, B-2 bomber, farm subsidies (353 11/29 Rattke-CA) 0047 EE; conf. for a world w/out nuclear arms, Pop Corner (544 11/17 Gerstner-NY) 0250 GG/EE; folk mx, Sunday Magazine, rock mx (344 12/5 Miller-CA)  
 15240 1330 RBI EE; tlc of original town hall of Arnstadt (555 11/6 Robinson-TN) 1609 EE; exhibit of drawings by children in Germany (434 11/11 Cichorek-NJ)  
 17880 1253 RBI EE; tlc about helping victims of industrial accidents (343 11/17 Westenhaber-QU) 1311 EE; s/off w/ EE sked, freqs to Asia (333 12/3 Prath-FL) 1306 EE; tlc about homes being built in Cuba, mx (423 11/25 Snyder-NY)  
 21465 \*1330 RBI EE; nx of anti-Semitic speech made by Pres. of W. Germ. Parliament (333 11/11 Westenhaber-QU) 1427 EE; s/off to SEAs w/ EE sked info (343 11/6 Prath-FL)  
 21540 1410 RBI EE; song 'Give Peace a Chance,' G.D.R. Rpt (343 11/12 Neff-FL)

**GERMANY FEDERAL REPUBLIC OF Deutsche Welle**

3995 2235 DW GG; rpt on the current value of the GG mark, // 6100 (433 11/24 Prath)  
 5985 0613 R. Free Europe Hungarian; ment of Budapest, contry, rpt from Washington (433 11/20 Dillon-Greece)  
 6085 0109 DW EE; editorial comment on doping in spts (444 11/26 Cichorek-NJ)  
 7265 0302 Sudwestfunk GG; nx, ment of Baden-Baden @ 0304, pop mx (333 11/12 Cichorek-NJ)  
 9750 \*2130 R. Liberty RR; IS, ID "R. Svodboda," into nx (333 11/9 D'Angelo-PA)  
 11865 0118 DW EE; special pgm on 50th anniv. of Kistelnacht (433 11/6 Richmond-MD)  
 13780 1500 DW GG; ID, nx, political tlc, // 15275 (343 11/6 Prath-FL)  
 15545 1044 DW GG; EZL pop mx (322 11/6 Cichorek-NJ)  
 17845 0703 DW GG; OM w/ nx, Id @ 0705, IS (333 11/27 Matsushita-Japan)  
 21600 1530 DW EE/Swahili; tlc on Jews, La Cuccracha mx (444 11/16 Miller-CA) 1531 EE; ID, mx, economic special rpt (222 11/25-Snyder-NY) 1745 OM/YL, jazz, ID (444 12/6 Valentine-CA)  
 21650 1330 DW Indonesian; IS, s/on, ID by YL, nx, tlc by YL/OM, // 15185 (333 11/26 Prath-FL)

**GREECE Voice of Greece**

5965 0530 VOA relay AA; nx headlines, current affairs pgm, ID "Sawt ul-Amerika" (333 11/20 Dillon-Greece)  
 7430 0108 VOG Greek; ID "Foni Tis Helladas," mx interspersed w/ YL tlc (434 11/30 Richmond-MD) 0331 Greek; // 9420, contry, mx, ID @ 0350 "Edo Athen" (433 12/7 Ehly-IA) 0115 Greek; OM, Greek mx, wld nx (333 11/4 Langlois-FL)  
 9420 0130 VOG EE; nx bulletin, Pres.'s views on the Gov't scandal (454 11/15 Gerstner-NY) 0144 EE; nx, ID, mx, carrier @ 0150 (443 11/19 Etten-MN)  
 11645 1524 VOG Greek; Greek mx, ID, tlc nx, ME, Afghanistan, 1550\* (545 11/20 Miller)  
 15630 1520 VOG EE; Greek mx, 1530 wld nx, body arrived in Greece (223 11/25 Miller)  
 17875 \*1330 VOA relay Urdu; IS, EE IDs, YL ID "Yeh Voice of America hay" & amt, OM w/ nx of U.S. elections (433 11/8 Westenhaber-QU)

**HUNGARY Radio Budapest**

9835 2126 EE; end of EE pgm, ID, IS, Hungarian ID, tlc (444 11/25 Prath-FL)  
 9875 0030 EE; public relations in Hungary, 1995 Wlds Fair (11/10 Langlois-FL)

**ITALY Radiotelevisione Italiana**

9575 0100 EE; REC & Eastern Eur should increase trade according to a rpt (544 12/1 Brown-IL) 0100 EE; nx, former Czech leader Dubcek's honorary doctorate in Italy, // 11800 (454 11/12 Fraser-MA) 0100 EE; wld nx, panel discussion of Democratic Gov't & Independent Trade Unions (333 11/4 Langlois-FL) 0100 EE; nx, Argentine Pres. meeting Italian delegation (433 11/19 Etten-MN)  
 11800 0112 EE; YL w/ nx, "a pgm of mx" (333 11/6 Richmond-MD)

**LUXEMBOURG Radio Luxembourg**  
6090 0020 EE; pop mx, YL DJ w/ ID (343 11/7 Prath-FL)

**MALTA**  
6110 2316 R. Mediterranean EE; pop mx, casual ID @ 2317, How Will I Know, nx headlines (333 11/23 Cichorek-NJ)  
7110 2108 IBRA Radio EE; Sermon, rel mx, gave Niagara Falls, Canada, for QSL address (222 11/30 Alexander-NC)  
9765 0623 V. of the Mediterranean EE; tlk about myths, ancient Greece (444 11/25 Snyder-NY) 0620 EE; Man in the Mediterranean, Behind the News (333 11/1 Fischer-WI) 0603 EE; intro by Monica, Panorama, mailbag, crop damage by floods & locusts (333 11/16 Neff-FL) 0618 EE; pgm about Greek theater of Athens, message for tourists about Malta (444 11/25 Cichorek-NJ)  
11865 0110 DV relay EE; relationship between Christians & Moslems in W. Germ., Malta relay ID (444 11/14 Alexander-NC) 0129 EE; 600th anniv. of Univ. of Cologne, GG doctors working on new image (444 11/5 Cichorek-NJ)  
13760 1245 DV relay CC; rap song, GG lessons translated into CC (343 11/8 Cichorek)

**MONACO Trans World Radio-Monte Carlo**  
7105 0721 EE; IS to 0725, ID, Evidence-a pgm of "facts showing that the Bible is true" (444 12/4 Westenhaver-QU)  
9480 0901 EE; Exploring the Bible, nx headlines, attempt is planned to navigate the Yangtze River in a Hovercraft (333 11/20 Brown-IL)

**NETHERLANDS Radio Nederland**  
9895 2030 RN EE; Happy Station, // 11740 & 15560 (444 11/20 Fraser-MA) 1710 Dutch; nx, intvw, ID, QRM de AA station (333 11/16 Dillon-Greece)  
13770 1445 RN EE; Happy Station, // 15560 (333 11/6 Prath-FL)  
15560 1715 RN EE; YL, s/off @ 1630, ID (444 12/6 Valentine-CA)  
21615nf 1154 RN EE; Media Network (333 11/24 Westenhaver-QU)

**NORWAY Radio Norway International**  
5980 0558 RNI Norw.; IS, ID, YL w/ wld nx (333 11/20 Dillon-Greece)  
11850 0005 RNI EE; nx, tlk about women in the military & anticipated effects of the election of Bush on Norway (333 11/14 Alexander-NC)  
21700 1700 RNI EE; nx, Norway to begin trade w/ Soviets (434 10/30 Fischer-WI)  
25730 1240 RNI Norwegian; tlk till 1245, EE/Norw. ID, 1246\* (353 11/19 Prath-FL)

**POLAND Radio Polonia**  
6135 2200 FF; nx, tlk about Gorbachev's visit to India, // 7270 (232 11/19 Prath-FL)  
7270 \*2230 EE; Polish Independence after 123 years, mailbag (444 11/11 Robinson-TN) 2230 EE; Polish nx, weekend rpt, mx request (444 11/27 Prath-FL)

**PORTUGAL Radio Portugal**  
9670 0859 Adventist World R. EE; Mozart, ID, time signal, QRM de HCJB (222 11/20 Brown-IL)  
9705 0230 RDP EE; opens new installation of RDP, nx of Angola's crude oil to Port. (545 11/16 Robinson-TN) 0231 EE; Sun & Sea-tour of the Volga River valley (544 11/17 Gerstner-NY) 0230 EE; rpt on Marcos indictment (433 11/21 Brown-IL) \*0230 EE; nx, new forest research opens (422 11/19 Etten-MN)  
21720 1530 R. Free Europe Czech; IS, tlk, ment Soviets, nx, comtry (222 12/5 Miller)  
25665 1515 R. Liberty RR; political tlk, Estonia, Armenia, 1530 IS & "R. Svoboda" ID by OM (353 11/25 Prath-FL)

**ROMANIA Radio Bucharest**  
5990 0400 RB EE; ID, freqs, nx, comtry, mailbag pgm, // 9570 (322 11/25 Prath-FL)  
6155 2320 RB Romanian; cl mx pgm, OM w/ ID @ 2329, // 9570 (322 11/7 Prath-FL)  
9510 0426 RB EE; joining sw club, CW QRM, ID, sked by OM (434 11/23 Snyder-NY)  
9570 0200 RB EE; tlk of national unity, medical clinic (545 11/16 Robinson-TN)  
11830 0112 RB SS; ID by OM, nat'l nx, Romanian mx (434 11/5 Cichorek-NJ)  
11940 1735 RB EE; ID, mx (322 11/30 Richmond-MD)  
21550nf 1332 RB EE; pgm of Romanian folk songs, Listeners Letterbox, to Eu, // 17850 (343 11/11 Westenhaver-QU) 1346 EE; responses to listeners letters, mx, ID (343 11/11 Richmond-MD) Kyle, you should have tuned in 14 min. sooner, you could have heard some fine mx! 1322 EE; mx, Listeners Letterbox, question on computer & langs used (333 11/13 Neff-FL)

**SPAIN Radio Exterior de España**  
9360 0118 REE SS; Panorama ID (444 ????) Richmond-MD)  
9630 0520 REE EE; Panorama, security of Moncloa Palace (453 11/21 Weinhardt-IL) 0030 EE; life in the Spanish military (555 11/15 Fraser-MA) 0520 EE; measures being taken to increase Spanish birthrate (434 10/18 Fischer-WI) 0115 EE; jobless in Spain (444 11/3 Langlois-FL) 0518 EE; LBS political party comtry (444 11/16 Neff-FL) 0003 EE; comtry, letters (544 11/20 Etten-MN)

**SPAIN** continued

11880 0000 REE EE; press review, Spain-Portugal summits (444 11/6 Etten-MN)  
 12035 1745 REE SS; spts event, Barcelona vs. Zaragoza, soccer scores, "noticias" @ 1800 (444 11/6 Dillon-Greece)

**SWEDEN** Radio Sweden

11705 0229 EE; nx, Faroe Isl. is still w/out a Gov't, Sweden Calling DXers (433 11/29 Brown-IL) 0250 EE; Sweden Calling DXers (323 10/5 Fischer-WI)  
 15330 1550 EE; listeners letters, tlk about Swedish cooking (322 11/20 Prath-FL)

**SWITZERLAND** Swiss Radio International

3985 2203 R. Beijing relay EE; wld nx, News about China, rpt on minor earthquake in China, AIDS prevention (343 11/26 Gerstner-NY) 2240 II; nx, ID "R. Pekino" by YL, contry, tlk, off @ 2256 (333 11/25 Prath-FL)  
 6135 0358 SRI EE; nx, Romania orders a Hungarian diplomat to leave (433 11/19 Brown-IL) 0215 EE, relations between Switz. & Italy (322 11/24 Alexander-MC)  
 9560 0840 SRI EE; Grapevine, letter about the pgm contest (333 11/20 Brown-IL)  
 9725 0200 SRI EE; protest over arms sales to Turkey, Dateline (444 11/29 Brown-IL)  
 9885 0406 SRI EE; Dateline, Iran/Iraq tlks, Maldives coup attempt (534 11/4 Wright-MB) 1727 AA; accordion mx, sked, wld nx, QRM de 9880 (433 11/18 Dillon-Greece) 0400 EE; Dateline, SW Merry-Go-Round (good 11/13 Etten-MN)  
 11955 1747 SRI AA; Tamil's in Sri Lanka, ID @ 1752, AA mx to 1800 (353 11/19 Wright)  
 12035 0400 SRI EE; nx, rate of the U.S. trade deficit narrows (343 11/16 Brown-IL)  
 13685 1545 SRI EE; pgm w/ listeners letters (333 11/6 Prath-FL)  
 15430 1545 SRI EE; refugee's from various countries living in Switz. (343 11/13 Prath-FL) 1714 EE; to MB & Naf, 1716 Swiss mx (222 11/7 Cichorek-NJ)  
 15570 2030 SRI EE; OM, ID, Swiss mx (444 11/2 Langlois-FL)  
 17730 0200 SRI EE; nx, Israel protest Egypt decision to recognize the PLO (444 11/21 Brown-IL)  
 21559.8 2340 Red Cross B/Cing Svce EE; announcing only 7210, nx of Red Cross activities in Afghanistan, Red Cross has run seminar on IRC procedure in Phompenh, f/out @ 2350, spur? (243 12/1 Lackmann-VA)  
 21630 1537 SRI EE; nx, days top stories by OM (333 11/25 Snyder-NY)  
 21695 1336 SRI EE; nx, TC, ID (444 11/11 Richmond-MD)

**UNITED KINGDOM** British Broadcasting Corporation

6010 0303 BBC EE; wld nx, Nx about Britain, QRM de Moscow, het (444 12/2 Miller-CA)  
 6110 0307 BEC SS; nx, problems in Angola, S. Afr., (544 12/7 Ehly-IA)  
 9410 1845 BBC EE; Top Twenty, Multitrack One, Outlook (444 11/7 Dillon-Greece)  
 9760 0857 BBC EE; IS, ID, wld nx, co-channel Australia (333 11/14 Westenhaver-QU)  
 12905 0323 BBC EE; free trade issue in Canadian election, (252 11/20 Wright-MB) 1627 EE; The Queen's Parliament, Letter from America (444 11/6 Dillon-Greece)  
 15070 1700 BBC EE; wld nx, contry, Society Today, New Ideas (444 11/9 Dillon-Greece)  
 17855 1300 VOA relay RR; Gorbachev visit to New York, // 15235 (333 12/3 Prath-FL)  
 21550nf 1558 BBC Swahili; listener response pgm w/ letters & mx request, nx headlines, ID, 1614\* (343 11/13 Westenhaver-QU)

**VATICAN CITY STATE** Vatican Radio

6248 0650 VR Latin; Mass (323 10/14 Fischer-WI)  
 7125 0204 VR EE; Thatcher's visit to Poland (323 11/7 Cichorek-NJ)  
 7250 \*0620 VR II; ID, pgm Orizzonti Cristiani (433 12/4 Westenhaver-QU)  
 9605 0053 VR EE; Celebration-pgm on the life & works of composer Vaughn Williams, Newsdesk (454 11/15 Gerstner-NY)  
 11760 2044 VR EE; IS, nx, by YL, QRM de VOA (211 11/11 Cichorek-NJ)  
 17730 \*1700 VR AA; IS, s/on, to Asia w/ Sunday Mass, // 15120 (444 11/20 Prath-FL)  
 21725nf 1420 VR SS; tlk about upcoming Xmas celebration, 1423 closing anmts, 1424\*, ex-21535 (444 11/27 Westenhaver-QU)

**YUGOSLAVIA** Radio Yugoslavia

9660 2200 EE; Yugo. is a founding member of the U.N. (444 11/5 Robinson-TN)  
 15325 1300 EE; tlk of Yugo. publishers, Book Fair, mx (545 11/6 Robinson-TN) 1320 EE; discussion of economic inefficiency in Yugo. (434 11/14 Richmond-MD) 1308 EE; contry about Albanians criticism of Yugo. (444 11/24 Snyder-NY)

**INTERNATIONAL WATERS** Radio Caroline

6215 2303 EE; mx, ID by OM (433 11/24 Morby-NY)

**PIRATE** Radio Dublin International

6909.7 2150 EE; rock mx, ad string, DJ patter, TC, hvy ute QRM (212 11/27 George-MA)  
 6910 0558 EE; ads, multi-ling. IDs @ 0600 w/ address but could not copy, *Anyone have the address?* (222 12/7 Snyder-NY)

1735 David

# 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.

JANUARY 1989

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

4060 2205 RSP&P-Ryazan (RDI): EE; nx, Gorbachev meets w/ French Prime Minister, ID @ 2208 (333 11/27 George-MA)

4740 0125 R. Afghanistan Relay-Ashkhabad (RDI): Pushtu; Flute IS, NA @ 0127, TP @ 0130, OM tlk, recitation w/ long pauses, ME mx @ 0145 (222 11/22 George-MA) (Dillon-Greece)

4860 2115 Chita R.-Chita (RDI): RR; lcl ID "Chitinskoe Oblastnoe Radio" by OM, mx (444 11/25 Matsushita-JP) (Dillon-Greece)

4958 0420 Azerbaijani R.-Baku (RDI): RR; class. mx, YL w/ tent. ID, nx headlines, cw QRM, faded @ 0437 (333 11/20 Dillon-Greece)

5040 0430 Georgian R.-Tbilisi (RDI): Georgian?; orchestral mx, YL/OM acapella singing (353 11/26 George-MA)

5905 0445 RM: SS; YL/OM w/ discussion of mx in LAM, soviet rock, ID (533 11/20 Dillon-Greece)

5920 1420 RM: EE; "Inside Report", ID @ 1430, mx (333 11/8 Miller-CA)

5935 2100\* R. Riga (DS2)-Riga (RDI): Latvian; Kremlin bells, NA, OM w/ ID, mx (252 11/10 D'Angelo-PA) (George-MA) (Dillon-Greece)

5945 1200 RT: EE; s/on ID, wld & lcl nx, cmtry on Gorbachev-Mitterrand meeting, // 9600 (343 11/26 Prath-FL) (new frequency? -ed)

6050 1440 RM-Khabarovsk (RDI): EE; "Inside Report", ID (444 11/30 -ed)

7160 2200 RM: EE; nx, "Focus on Asia & Pacific" (222 11/5 Prath-FL)

7175 0345 RM: EE; tlk on court trials, mx, IDs (222 11/16 Miller-CA)

7260 1404 RM-Komsomolsk Amure: EE; nx - 13th ann. of Republic Day in Lacs, new leader in Pakistan, rock mx (544 12/2 Kline-CA)

7400 0309 RK: EE; presidium planning meeting (433 11/13 Neff-FL)

9540 1200 RT-Tashkent (RDI): EE; ID, mx (545 11/4 Robinson-TN)

9600 1200 RT-Tashkent (RDI): EE; YL w/ tlk, IDs and "we hope you enjoyed us & write to R. Tashkent..." (545 11/13 Robinson-TN)

9780 1300 RM-Nikolayevsk Amure (RDI): EE; Kremlin bells, wld nx, woodpecker QRM, fading (333 11/15 Miller-CA)

9825 1820 RM: EE; tlk abt education reforms in Czechoslovakia, //11840 (242 12/3 Prath-FL) (John marked the site as Petro.-Kam., but I'm not sure about that; RDI lists Simferopol -ed)

9875nf 1654 RM: EE; ME mx bridge, YL w/ ID, "Moscow Nights" & Kremlin bells to 1700, OM w/ ID & nx (222 11/18 -ed) (Morby-NY)

11785 1200 RT-Tashkent (RDI): EE; band mx (545 11/7 Robinson-TN)

11980 0000 RM-Tbilisi (RDI): SS; ID - "Aqui R. Moscow Internacional, servicio para America Latina", nx (343 11/7 Prath-FL)

12010 0200 RM-Komsomolsk Amure (UHN): EE; IS, ID, wld nx, mx & fading (334 11/14 Miller-CA)

12015 1815 RM: AA; rpt on Iran-Iraq war, ID (433 11/6 Dillon-Greece)

12030 1800 RM: EE; wld nx - "You are listening to the Africa svc of RM broadcasting to South Africa" (444 11/6 Dillon-Greece)

12050 0153 RM-Khabarovsk (UHN): EE; DX pgm - listeners questions and technical problems, nx @ 0200 (444 11/8 Wright-MB)

12070 0312 RM (DS1)-Khabarovsk (RDI): RR; RR play (453 11/20 Wright-MB)

12070 1728 Mayak Relay: RR; pop mx, "Midnight in Moscow" IS, Mayak ID, wld nx headlines @ 1730 (444 11/6 Dillon-Greece)

13615 0149 Radiostantsiya Rodina: RR; OM tlk, ID (252 11/3 Wright-MB)

13645 0350 RY-Khabarovsk (RDI): EE; Armenian pgm (323 11/8 Fischer-WI)

15225nf 1325 RM: EE; tlk abt conventional weapon reductions in Europe, // 15475 (333 11/24 Prath-FL) (Miller-CA)

15425 0035 RM-Petropavlovsk Kamchatskiy (UHN): EE; "Radio Bridge" pgm, tlk abt schools, // 7310 (232 11/27 Prath-FL) (Wright-MB)

15455 2315 RV-Petro. Kam. (RDI): EE; Lithuanian folk songs, "Lithuanian by Radio" (544 11/6 Wright-MB) (Brown-IL)  
 15455 0305 RK-Petro. Kam. (RDI): EE; nx - US disallows Arafat visit to UN, rpt on comments by Gorbachev (333 11/30 Brown-IL)  
 15455 1335 RT: EE; ID by OM, tlc, ID @ 1337 (333 11/26 Cichorek-NJ)  
 15470 1830 RM: EE; nx, ID, tlc abt RR weddings, (333 11/25 Prath-FL)  
 15475 1511 RM: EE; "News and Views" w/ speech by Gorbachev & comments on US election (444 11/8 Westenhaver-QU)  
 17565 1436 RM: FF; tlc abt Soviet parliamentary delegation visit to W. Africa, ID and tlc (343 11/27 Westenhaver-QU)  
 17605 2310 RM: EE; nx, rpt on Soviet space pgm (343 11/24 Prath-FL)  
 17700 2330 RM-Petro. Kam. (UHN): EE; nx in brief, tlc abt balance of Soviet trade, // 17605, 17720 (252 11/24 Prath-FL)  
 17720 0235 RM-Vladivostok: EE; big band mx, IDs, nx, "People to People" pgm (545 11/15 Miller-CA)  
 17810 1448 RM: EE; "Russian by Radio", ID (243 11/27 Westenhaver-QU)  
 17890 0120 RM: EE; nx, "Yours for the Asking" (343 11/22 Levison-PA)  
 21530 0000 RM: EE; nx, "Moscow Mailbag" @ 0010 (252 11/27 Prath-FL)

This month's relays: 6045 via Havana, Cuba and 7115 via Plovdiv, Bulgaria. I also received a log this month for the RM feeder on 9905 (in USB), feeder logs should go to the Utility column. I have yet to receive my next ILG, which should contain the D88 RM transmitter sites. No new UHN yet either. I am continued to be amazed at how fast RM schedule and transmitter information becomes obsolete. Below I present the RM N.A. service schedule, valid from January 1 to March 25, 1989. The graph is based on the published RM schedule (minus frequencies that are no longer valid).

Frq\Tm	23	00	01	02	03	04	05	06	07	Probable Site
21530	****	****	****							
17720	####	####	####	####	@@@	@@@				
17700	####	####	####	####	###					
17665						@@@	@@@			
17605	####	####	####	@@@		@@@				
15455						@@@	@@@	@@@		(Petro. Kam.)
15425	####	####	####	####	####	@@@	@@@			(Petro. Kam.)
15405	@@@	@@@	@@@	@@@	@@@	@@@	@@@			(Khabarovsk)
15240						@@@	@@@	@@@	@@@	
13665						@@@	@@@	@@@	@@@	
13645						@@@				(Komsomolsk Amure)
12050	####	####	####	####	####	###	@@@	@@@	@@@	(Petro. Kam.)
12010				***	***	***	@@@	@@@	@@@	(Komsomolsk Amure)
11860							@@@	@@@	@@@	
11770	@@@	@@@	@@@	@@@			@@@	@@@	@@@	(Plovdiv relay)
11735	@@@	@@@	@@@	@@@	@@@					
11710				***	***	***		@@@	@@@	
9895						***	***			
9825						***	***	***		
9765	***	***	***	***	***					(Lvov)
9720	####	####	####	####	@@@					(Plovdiv relay)
9700			###	###	###					(Plovdiv relay)
9685	@@@	@@@	@@@	@@@	@@@	@@@	@@@			
9605		@@@	@@@	@@@	@@@					
9580								@@@	@@@	(Petro. Kam.)
7440	@@@	@@@	@@@	@@@						
7345						***	***	***		(Petro. Kam.)
7335						***	***	***		(Simferopol)
7310	####	####	####	####	###					(Moscow)
7270						***	***	***	***	(Petro. Kam.)
7260							***	***		(Petro. Kam.)
7215	####	####	####	####	###					(Plovdiv relay)
7185						***	***	***	***	
7175						***	***	***	***	
7150	***	***	***	***	***					(Lvov)
7115	***	***	***	***	***					(Plovdiv relay)
6115	####	####	####	####	###					
6045	####	####	####	####	###					(Havana relay)
6000		***	***	***	***					(Havana relay)
5905							***	***	***	

# = till March 25 \* = till March 5 @ = from March 5

73! -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.

Ah, January..prime DX month! No Christmas rush, the kids are back in school, it's too cold to go outside. Who could ask for more? As long as you don't get asked to shovel snow!

You may have noticed a marked decline in my contributions to this column by way of loggings. Much of that had to do with my dipole being unceremoniously removed from its perch atop my two neighbors' houses. I'm delighted to report that I've managed to replace it with two Delta loops - one cut for the 40m and up ham bands, the other cut for the 60m tropical band and tunable just about everywhere else. Now lemme at 'em!

## COLUMN FOR JANUARY, 1989

### ALGERIA

- 9509 1915 R. Algiers: EE; nx summary, ID @1923, then pop & reggae mx. 333(11-23 Cichorek-NJ)  
9535 0730 R. Algiers: FF; "Cafe Creme"; W hosts pgm of lite mx/chat. u/SRI, //9509. 322(12-11 Westenhaber-QUE)  
15215 1900 R. Algiers: EE; ID, freqs (listed 9510, 9620, 15215, 17725; hrd on 15215 + 9509 only), ME nx, rock mx & dj, into FF @2000. 343(11-20 George-MA)

### ASCENSION ISLAND

- 15260 2018 BBC Relay: EE; cmty on US and Western nations letting India down; into Meridian: the film, "Tucker." 443(11-19 Etten-MN). @0138 disc of African border disputes; ID @0145, country mx. 444(11-23 Cichorek-NJ)  
15400 2115 BBC Relay: EE; Madagascar lemurs, environment & industry, lobster exports. [Those Madagascar lemur reports are why I got into SW radio.-ed.] 333(11-13 Neff-FL). @1605 with WS. 222(11-13 Dillon-GREECE)  
21470 1649 BBC Relay: EE; Soviet Trotsky archives, censorship. [..oh, and those Trotsky features..another big draw of shortwave! -ed.] 434(11-11 Cichorek-NJ)

### BENIN

- 4870 2118 ORT Benin: FF; nx, ID @2124 "republic popular du Benin, ici Radio du Benin.." pronounced like "Brennan", NOT "Jeanine"; political speech followed; on past 2135. 252(12-15 Janusz-NJ)@2300\* w/UTE GRM. 422(11-25 Card-RI)

### BOTSWANA

- 4820 0350 R. Botswana: Sets/EE; usual barnyard ruckus, EE ID after choral NA, into pgms. 444(11-11 Howell-CA). 232(11-16 Miller-CA)

### BURKINA FASO

- 4815 0625 RTV Burkina: FF; M tlk, pop/Afro mx, full ID @0630, also IDs simply as "Burkina." 453(11-16 Howell-CA)

## AND NOW FOR SOME WAYWARD DX-NOOZ —

CANARY ISLANDS--REE in Spanish to Latin America via Tenerife is now at 22:05-22:55 on the new frequency of 11775 kHz. (Joachim Maurer, West Germany/SCDX)

SEYCHELLES--The BBC World Service has brought forward its sign-on-time on some frequencies: 11750 and 15420 kHz open now at 03:00 and 17885 kHz at 04:00. At 18:00 a new frequency of 9630 khz is used and runs to 21:15. After 21:15, the frequency changes to 9600 kHz. (Arthur Cushen's DX World/SCDX)

**CAMEROON**

5010 2114 CRTV Garoua: EE; M nx, main points, "...end of the news from Yaounde."  
333(11-24 Snyder-NY). @0443 mixing FF w/VN. 323(11-2 Howell-CA)

**CENTRAL AFRICAN REPUBLIC**

5034.5 2105 R. Centrafrique: FF; pgm of nice hilife mx w/inrequent interruptions by M  
dj; finally, TC & "R. Centrafrique" ID @2245; s/off w/brief choral NA  
@2258\*. 333(12-21 ed.)

**CHAD**

4904.5 #0428 RN Tchadienne: FF; xylo IS, orch NA, kids' marching song, opening anmts  
0433, into hilife mx. 343(11-28 George-MA)

**COTE D'IVOIRE**

4940 2135 R. Cote d'Ivoire: FF; traditional mx live from the studio, call-response  
mx, interspersed w/brief comedy cuts in several languages; offhand ID  
@2159. 242(12-15 Janusz-NJ)

11920 2140 R. Cote d'Ivoire: FF; chatty M dj; plays US pops, takes phone dedications,  
tossing in occ ID. Battling it out w/Spain. 422(12-21 ed.) 545(11-4  
Robinson-TN)

**EGYPT**

9850 2308 R. Cairo: AA; orch mx, @2315 W anmt ending w/"Huna al-Qahira," then trad M  
vcl mx; //12050 (343). 333(11-9 Westenhaver-QUE)

9900 2115 R. Cairo: EE; M nx, rpt on growing cities, chimes IS @2130; has everyone  
got chimes now ala BBC? [No, Bob, mine still go "bing-bong." -ed.] 344(11-  
20 Fraser-MA). in AA @2130..333(11-9 Langlois-FL). and @124..534(11-8  
Wright-MB)

12050 2315 R. Cairo: AA; in-progress drama, poor audio. 433(11-7 Cichorek-NJ)

17595 1325 R. Cairo: EE; end pgm to SEAs, clock chimes 1330, theme, into Bengali  
w/Qur'an recitation. 343(11-30 Lackmann-VA)

17670 1823 R. Cairo: AA; devotional sung by M, chimes @1830, M ID, martial mx. 222(11-  
7 Cichorek-NJ)

**EQUATORIAL GUINEA**

5003.5 2119 R. Nacional: SS; nonstop local pops to 2131, then soft-spoken M ment Guinea  
Equatorial, reads nx heads. 333(12-21 ed.). 222(11-24 Snyder-NY)

**ETHIOPIA**

7110 0402 VO Ethiopia: Amharic; Qur'an prayer, M tlk, poss nx @0408; GRM de Sofia,  
BBC, hams. poor(11-12 Howell-CA)

**GABON**

4830 2120 Africa #1: FF; Afro rhythms, ID @2122, listener call-ins. 343(11-23  
Cichorek-NJ). @1901..444(11-5 Dillon-GREECE)

11800 2345 R. Japan Relay: EE; Japan Panorama: history of hotels in Japan. 333(11-9  
Alexander-NC). 443(11-19 Etten-MN). 344(11-23 Miller-CA). 333(12-3 Brown-  
IL)

12035 2248 Swiss Radio Relay (t): GG/PP; mx, tlk sounds like PP even 'tho GG listed;  
GG mx. 333(11-23 Miller-CA)

15475 1920 Africa #1: FF; Afro mx, pop-in ID by W atop song @1927, back to mx. 433(11-  
6 Etten-MN). 343(11-11 Cichorek-NJ). 333(11-6 Fischer-WI). 444(11-11  
Robinson-TN)

21700 1534 RJ Relay: EE; M tlk, into JJ song. [More details + ID, please.-ed.] 322(11-  
25 Snyder-NY)

**GHANA**

3366 2157 GBC: EE; Afro mx, M tlk, ID "This is Radio Ghana." 322(11-19 Bishop-NY)

4915 2200 GBC: VN/EE; Afro mx, EE nx @2215, ID @2300, NA, several hymns, off @2310\*.  
444(11-21 Card-RI). 444(11-12 Robinson-TN)

**GUINEA**

7125 0715 Rdif National: FF; guitar mx, M ID @0720, regional nx. 333(11-25 Cichorek-  
NJ)

**KENYA**

4885 2106 VO Kenya: Swahili; M nx Namibia, SAf, Uganda; @W2112, ID & s/off anmts,  
choral NA @2113, off at 2114\*. GRM de RSA/4880. 242(12-18 ed.). @0230.  
433(11-20 Bishop-NY)

6150 1929 VO Kenya (t): Swahili; Afro mx, W tlk, more mx to 1958 M brief tlk, killed  
by VOA @2000. 322(11-24 Snyder-NY)

**LIBERIA**

- 4760 2057 ELWA: EE; Back to the Bible pgm, ands w/address of pgm and that of ELWA. 323(11-25 Snyder-NY)
- 9750 0835 VOA Relay: EE/Hausa; collection of actualities on World Bank, Gorbachev, Arafat, in both languages; listed as 0815-0845 feeder, but still audible past 0902. fair(12-7 Sheedy-CA)
- 11920 1700 VOA Relay: EE; African Panorama, //9575. 454(11-23 Matsushita-JAPAN)
- 15600 2144 VOA Relay: EE; World Report: yen vs. dollar, exhibit by blind photographer. 353(11-11 Wright-MB). 443(11-19 Etten-MN)
- 17740 1615 VOA Relay: Hausa: world nx, Jimmy Carter interview; off @1630\*; //15320, continuing past 1630 in Swahili. good(12-8 Sheedy-CA)
- 21485 1713 VOA Relay: Swahili: M dj plays pop mx, reads letters; into nx @1720. 343(11-11 Cichorek-NJ)

**MADAGASCAR**

- 15175 1920 R. Nederland Relay: EE; promo for monthly "Gay Force" feature in Friday's "Rembrandt Express" pgm; closing anmts, 1923\*. 242(11-12 Westenhaver-QUE)
- 15560 2036 RN Relay: EE; feat abt Kristellnacht observances. 333(11-11 Cichorek-NJ)

**MALI**

- 4835 1920 RTV Malienne: VN; fast talking M, Afro mx w/hi-pitched vcls, anmts in FF, ID & TC by W, into FF @2000. 433(11-5 Dillon-GREECE).
- 7110 0702 RTV Malienne: FF: M upcoming sked, rhythmic band mx to 0712, then ID and into obituaries from the Bamako area. 343(12-4 Westenhaver-QUE)
- 9745 2035 R. Beijing Relay: EE; M nx, ID @2040, into short business features. 343(11-9 D'Angelo-PA)
- 9770 0001 RB Relay: EE; W tlk abt Chinese products, incl sophisticated helicopters. 545(11-24 Miller-CA)
- 11715 0045 RB Relay: EE; M/W tlk abt Chinese food of different provinces, rodents, ants, etc. [Were these vermin part of the ingredients or something else entirely? -ed.]. 333(11-10 Langlois-FL). 444(11-21 Alexander-NC). 544(11-16 Fraser-MA). 444(11-12 Brown-IL)
- 11790 2130 RB Relay: FF; chime IS, ID in CC/FF, nx heads, nx: delegation from Cote d'Ivoire, etc. GRM de RNE. 433(11-27 Lackmann-VA)
- 15130 1743 RB Relay: Hausa; violin/call-response mx, W tlk, CC-style vocal mx, ID @1747, piano theme & off @1748\*. fr/gd(11-19 Sheedy-CA)

**MAURITANIA**

- 4845 2002 RTV Mauritanie: FF; Latin-sounding mx w/M dj, clear IDs after most songs; UTE GRM. 433(11-5 Dillon-GREECE). 343(11-23 Cichorek-NJ)

**MOROCCO**

- 6040 2058 VOA Relay: EE; editorial: US position on Pakistan. 433(11-23 Cichorek-NJ)
- 15105 2136 RTV Marocaine: AA; Qur'an, ME mx, M anmts, u/DW PP sce. poor(11-25 Howell-CA)

**NIGER**

- 5020 1735 LV du Sahel: VN; deep-voiced M ancr, tribal mx; after 1745 other ancr ment several Afro countries, TPs, into FF w/ID @1800, nx. 322(11-14 Dillon-GREECE)

**NIGERIA**

- 3326 2113 R. Nigeria, Lagos: EE; M tlk abt Nigerian airlines; //4990, 4770; 4770 split to local pgms after 2116. 252(12-20 ed.)
- 4770 \*0425 R. Nigeria, Kaduna: EE; carrier 0425, tlgk drms to 0431, NA @0433, M ID/freqs, rel tlk, another ID, more religion. 243(11-29 George-MA). 344(11-18 Howell-CA).
- 6025 2122 R. Nigeria, Enugu; heard in mess relaying EE pgms from Lagos (//3326, 4990) past 2135. 211(12-20 ed.)
- 7255 \*0458 VD Nigeria: EE; M ID, pgm details, "Cavalcade" pgm of local mx. Just about best mod ever heard here [I presume that means one or two actual words were distinguishable...ed.] 444(11-25 Westenhaver-QUE). 333(11-16 Neff-FL). 333(11-25 Cichorek-NJ). 333(11-11 Brown-IL).

**RWANDA**

- 17860 2315 Deutsche Welle Relay: GG; mx request pgm, sentimental GG favorites. 343(12-10 Westenhaver-QUE)

**BENEGAL**

- 9640 0054 ORT du Senegal: FF; running late w/vcls to s/off anmt, M ID and brief choral NA; 0102\*. 353(11-16 D'Angelo-PA)

**SEYCHELLES**

- 9590 1602 FEBA: EE: M nx: SAs cyclones, etc.; ID, reminder for 25mb listeners to retune to 31 mb, IS, t1k on first Christian church. pr/fr(11-30 Famularo-JAPAN)
- 9600 0334 BBC Relay: Swahili; nx of the Mandelas, "BBC London" ID, nx abt Zimbabwe. Apparently runs here 0300-0330 WS, 0330-0345 Swahili, 0345-0400 EE by Radio, then 0400 Ascension. 333(12-8 Westenhaber-QUE)
- 9630 1920 BBC Relay: EE; Outlook: computer music; listed here 1900-2030. 333(12-5 Westenhaber-QUE)
- 11870 1600 FEBA: EE; W world nx, M closing anmt, IS, 1611#. 444(11-16 Matsushita-JAPAN)
- 15325 1330 FEBA: unid; hrd after Belgrade off; SAs hymn, M t1k, addr in Bangalore, "Feeba Radio" ID, IS, off @1345#. 333(11-23 Lackmann-VA)

**SOMALIA**

- 7200 0303 R. Mogadishu: Somali; M Qur'an to 0305, M lcl anmts to 0316, then taped promo, M/W t1k, Robert Palmer mx, pops to 0329 M ID, nx; very nice mid-news ID @0336. GRMoscow in SS/7195, unid het/7199.8. 333(12-18 ed.)

**SOUTH AFRICA**

- 4880 0335 R. Five: EE; pop mx, ad for keychain, IDs. 424(11-16 Miller-CA)
- 9580 0245 R. RSA: EE; M t1k about space, ID @0257, s/off w/bird IS. 434(11-27 Snyder-NY). 333(11-10 Langlois-FL)
- 9615 0230 R. RSA: EE; t1k abt quality control, book review: "South African Wine Guide." 545(11-16 Robinson-TN). 554(11-17 Fraser-MA). 544(11-19 Etten-MN). 544(11-11 Cichorek-NJ)
- 9665 0412 R. Suid Afrika: Afk; M nx Sri Lanka violence; nx ends 0414 w/EZL mx, W pgm preview, ID. 343(12-8 ed.)
- 11760 0200 R. RSA: EE; small business nx, conservation. 353(11-2 Radtke-CA). 545(12-3 Miller-CA). 322(11-10 Wright-MB)
- 15365 2015 R. RSA: EE; "Down Our Way" pgm, ID and address, lcl mx. 454(11-26 Cichorek-NJ). 454(11-20 "LSM"-NY) [Dear LSM: This is not Dear Abby. Your name, please. -ed.]. 343(11-19 Neff-FL). 343(11-21 Snyder-NY)
- 21590 1959 R. RSA: PP; s/on anmts in EE, into PP pgm. 443(11-6 Etten-MN). @1800 in EE. 433(Valentine-CA). 323(11-25 Snyder-NY). 222(12-4 Miller-CA)

**SWAZILAND**

- 15150 1528 TWR: EE/Urdu; IS, M ID "This is TWR, Swaziland;" @1530 Uduu pgm w/subcontinental mx, M t1k. fair(11-30 Famularo-JAPAN)

**TANZANIA**

- 11734.2 1802 R. Tanzania Zanzibar: Swahili; M reads nx to 1810, then tribal vcl/drum mx; t1k pgm next w/occ vcl selections to 1855#. 242(11-9 D'Angelo-PA). fr/gd(12-4 Sheedy-CA)

**UGANDA**

- 4976 2010 R. Uganda: EE; W w/US accent (perhaps UN pgm?) t1k abt child welfare & adoptions; lcl mx @2015, back to adoptions. 353(11-27 George-MA)

**ZAIRE**

- 5066.4 2010 R. CANDIP (t): FF/VN; 2 M t1k in FF about hydroelectric development; no ID hrd @2030 but shifted into VN; brief orch mx @2026, more VN t1k, choral NA @2035, 2040#. 322(12-3 George-MA)

**ZAMBIA**

- 4910 0350 R. Zambia: VN/EE; M t1k, bird-call/kalimba sting between items; EE nx @0400 w/items about apartheid, Zambian economy, etc. This one is very rare at my QTH. [It don't exactly come bangin' at the front door here either! -ed.] 343(11-25 Howell-CA)

**CLANDESTINE**

- 9045 1645 Iran's Flag of Freedom Radio: Farsi; horns, M ments of Islam & government, martial mx, ments of Pakistan & Iran, world nx @1700, sad mx, address for human rights organization in London. 444(11-19 Dillon-GREECE)
- 9435 1300 National Unity Radio: Arabic?; xmtr on 1300 foll by anthem, opening anmts, into Qur'an; 1320 nx w/mni ments Sudan & Omdurman; EE ID @1400. 242(12-2 Lackmann-VA). 151(11-10 D'Angelo-PA). @1421 353(11-29 ed.)

STILL MORE WANDERING DX - NOOZ -

ZAIRE--Radio Bukavu, which has been on the air irregularly for a long time, has been heard in French and a vernacular language at 03:45 hrs and apparently at sign-off at 18:38 hrs on 4844 kHz. Finn Krone and Frederik Douren in "Shortwave Bulletin"/SCDX)

**UNIDENTIFIED**

9660 1845 UNID: ??; ME/Afro mx, W tlk between songs; 1900 chimes, M pres ID into nx; brief mx @1912, M tlk. Very noisy. Possibly Ethiopia? [That'd be my guess. And the language is English. -ed.] 222(11-7 Cichorek-NJ)

**DX NOOZ**

From correspondent Vashek Korinek in South Africa come the following items, which are additions and corrections to the Hear Africa list which appeared in these pages this past September:

ANGOLA: 3355.5/9529.6 (ex-9535). Luanda 60m outlet moved to 5058.2 - 5062.7 region early in November (ex-4952.9) with very badly distorted signal, and disappeared altogether later in November. Benguela is heard only on 6152.4. Moxico has not been heard since September.

BOTSWANA: 3356 and 4820 now on all the time, 5955 & 7255 daytime only. [I presume he's speaking of local time in Botswana.-ed.]

LESOTHO: apparent transmitter problems - somewhat irregular but mostly on.

MADAGASCAR: only 3287.6/6135.4/9689.1 heard lately.

MOZAMBIQUE: Maputo: 3210.0/4860.5/3337.9/4855.0/7109.6/7238.9/9617-8.  
Beira: 3368.6/9637.0

SOUTH AFRICA: The only daytime frequencies at the moment are the following:  
R. Suid Afrika: 9555/9665/6175 (all in //)  
R. Oranje: 7285

TRANSKEI: 7149.3

SWAZILAND: TWR heard on 4789.8 around 1800-1900 in Zimbabwean vernacular.

ZAMBIA: 3345.2. Also, two harmonics heard here with good signals:  
12330.8 (2 x 6065.4) and 14730.2 (3 x 4910).

ZIMBABWE: has left the 90 mb and is now on 5011.3 (ex-3396), and 4828.2 (ex-3306).

CLANDESTINE: re the editor's log of Voz Verdade/7145 in the November issue: this must have been a fluke. This frequency seems to be normally used only for A Voz de Resistencia do Galo Negro. A Voz de Verdade also uses only PF and is currently only on 4950.

LAST MINUTE FLASH: unid heard 12/22 @0307-0320 fade on 5010.5 may be Madagascar. -ed.

Elsewhere,.....

CAPE VERDE ISLANDS--A private company has signed an agreement with the government of the Cape Verde Islands to install three high-power short wave transmitters for broadcasting to Latin America and Africa. The company, "La Societe Media Connection Internationale", is directed by Herve Bourges, former Director General of Radio France International, who says that many international broadcasters are interested in these new facilities. (Bernard Chenal, France and BBC Monitoring/SCDX)

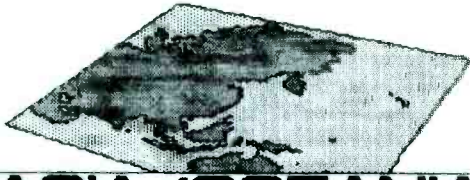
EQUATORIAL GUINEA--Radio Africa, which relays mainly American evangelical programs, has been heard opening at 16:56 hrs on a new frequency of 9852 kHz. This replaces 9555 kHz, which is still announced. The opening announcement says the station is on the air daily 17:00 to 22:00 hrs. (BBC Monitoring/SCDX)

IVORY COAST--Abidjan in English at 18-1900 on 11920. News followed by old Rock and Roll. (heard on a Sunday). (Lou Josephs/PINELANDS BBS)

MOROCCO--16-1700 English is irregular. Most often heard on Mondays. Normal programming appears to be in French the rest of the time. They abruptly leave the frequency at 1700 as BRT signs on. (Lou Josephs/PINELANDS BBS)

.....  
Here's hoping '89 is a great one for everyone here, both DX- and otherwise!!

73, al



# ASIA/OCEANIA

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

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

Welcome to 1989! We're starting off the year with quite a good turnout of contributors--so much so that I'm having to omit most of the frequencies listed last month. Still, there's some interesting material to be found herein.

Before starting, I'd like to particularly welcome this month's new contributors. Also, it's my pleasure to say "Happy Birthday" this month to my neighbour in these pages, Al "the REAL Africa No. 1" Quaglieri!

## AUSTRALIA

### Radio Australia    VLW Wanneroo    VLQ Brisbane

- 4835 0715 VLBA ALICE SPRINGS: EE: US MOR mx; M DJ w/frequent TC's; 0730\* while ancr was reading sked (353 11/11 Howell-CA)
- 6060 1200 RA: EE: Nx re Malaysia and Hong Kong economy (353 11/27 Radtke-CA) @ 1530 w/"This Australia" (554 11/12 Wright-MB)
- 7205 1200 RA: EE: "International Report" on 1840 treaty with New Zealand Maori (444 11/16 Robinson-TN)
- 7215 1235 RA: EE: Australian pop mx and tlk abt new album releases: //7205 (444 11/26 Prath-FL)
- 9505 2122 RA: IN: Short versions of US songs w/M DJ; "waltzing Matilda" and TP on the hour (332 11/22 George-NC) (Nice one, Nelson! IN listed here 2100-2300 and Thai 2300-0000-ed.)
- 9610 1341 VLW9: EE: Tlk abt water conservation and songs w/water as theme; casual ID @ 1358 (232 11/24 Cichorek-NJ) @ 1720 w/"Michelle" and other EZL songs (322 11/19 Wright-MB)
- 9660 0736 VLQ9: EE: ID; lots of sports tlk/results; ABC ID @ 0748 (332 11/6 Etten-MN)
- 11720 0829 RA: EE: ID as Asia-Pacific Service; TC; sports rpt on test cricket--Australia vs. West Indies (333 11/20 Brown-IL)
- 15425 0710 VLW15: EE: Taped interview w/Chuck Berry (231 11/6 Etten-MN)

## BANGLADESH

### Radio Bangladesh

- 17710 \*1228 RB: EE: Domestic and international nx; some mx (333 11/11 Card-RI) @ 1247 w/w reading letters; ID/address @ 1251 (323 11/25 Snyder-NY) @ 1249 to 1259\*, with QRM de DW-17715 (322 11/24 Cichorek-NJ)

## BURMA

### Burma Broadcasting Service

- 5985 1442 BBS: EE: W tlk; @ 1445 ID "This is the Burma Broadcasting Service..." (242 11/24 Pimblett-AB)

## CHINA

### Central People's Bcast Stn    Radio Beijing

- 4330 0053 XINJIANG PBS: KAZAKH?: Local W vocals, closer to MidEast sound than CC (232 11/16 Pimblett-AB)
- 4950 0951 CPBS XILINHOT: CC: M tlk w/cuts of children's chorus; W nx on the hour; co-chan QRM de Malaysia (poor 11/16 Howell-CA)
- 6095 1120 TAIWAN-2: CC: CC mx w/M host; ID @ 1130; into M/W tlk; //9170 (333 11/19 Prath-FL)
- 6125 1500 CPBS-1 SHIJIAZHANG: CC: Classical mx; TP; W ID; then M tlk (322 11/8 Berri-CA)
- 7770 1059 CPBS-2: CC: Corny CC song w/elongated 5+1 TP over; W ID "Zhongyang Renmin Guangbo Diantai" and (p) nx (232 12/9 ed.)
- 9455 1100 TAIWAN-1: CC: ID and annts; into YL nx (333 11/19 Prath-FL)
- 9700 1000 RB: EE: Tlk abt nuclear reactors; mx (545 11/12 Robinson-TN)
- 11100 1150 TAIWAN-1: CC: Px of CC mx; TP and ID @ 1200; then W nx; //9380 (333 11/12 Prath-FL)
- 15030 0100 CPBS-2: CC: TP and M annt; into drama w/several characters and sound effects (232 11/23 Cichorek-NJ)

(More China over)

CHINA continued...

15290 0330 RB: EE: Tlk abt IQ testing becoming popular in China (323 11/6 Fischer-WI)  
15455 0300 RB: EE: Nx of Gorbachev-Kohl tlks (353 11/25 Radtke-CA) @ 0332 w/current affairs items; ID; R. Kiev in EE underneath (544 11/17 Miller-CA)  
17650 0228 RB: SS: Interview w/Ecuadorian official; ID @ 0230; then into mx px (353 11/2 Wright-MB)  
(The following reported RB frqs are actually from relay sites: 9690 @ \*0300 in EE (and \*0200 in CC) are via Spain; 9745 @ 2120 in EE is via Mali; 11695 @ \*0300 in CC and \*0400 in EE (plus \*0200 in SS on 13685) are via the RFI xmters in French Guiana. Confusing, isn't it!?)

COOK ISLANDS

Radio Cook Islands

11760 0908 RCI: EE/MAORI: TC "It's 8 after 11"; ukelele mx/Elton John tune; into Maori @ 0915 (333 11/7 Howell-CA)

CYPRUS

BBC relay

6180 1750 BBC: EE: Sports; "Newsdesk" @ 1800 (333 11/3 Dillon-GREECE)  
9580 0509 BBC: EE: "24 Hours" w/rpt on Army revolt in Argentina; this frq beamed to CenEurope 0500-0630 (343 12/4 ed.)

HONG KONG

BBC relay

7180 0940 BBC: EE: Rpt on Alastair Cooke; EBR px; into CC @ 0959 (333 11/20 Brown-IL) @ 1147 w/slow speed nx to 1159; amnt that slow nx bcst Mon-Thurs; into CC @ 1200 (243 12/8 ed.) @ 1446 in CC w/M ID and (p) nx (333 11/1 Berrri-CA)  
15280 0403 BBC: EE: "Newsdesk" w/nx and correspondents' reports (353 11/11 Wright-MB)

INDIA

All India Radio

4860 1434 AIR DELHI: EE: Nx; "This is All India Radio" ID; then sports w/cricket results (232 11/25 Pimblett-AB)  
4990 0024 AIR MADRAS: TAMIL: Mix of subcontinent vols w/sitar and flute; M tlk between cuts; ID/amnt @ 0045\* (252 11/12 D'Angelo-PA)  
7412 2109 AIR: EE: W cmty in India-Sri Lanka relations; into mx; 7412 was clearer than /s 9910, 11620 (253 11/27 George-MA)  
11620 2003 AIR: EE: Nx abt Pakistan and Sri Lanka; ID (322 11/12 Neff-FL) @ 2132 w/"DX'ers Corner" (343 11/14 Gerstner-NY)  
15120 1225 AIR: EE: Long list of px highlights; wx report; TP and ID @ 1230; into nx; poor audio (332 11/8 Cichorek-NJ)

INDONESIA

Radio Republik Indonesia

4835 0902 RRI AMBON: IN: W nx; RRI ID's but no ment Ambon; into Asian pops w/M DJ and occ. pauses for Qur'an (333 11/11 Howell-CA)  
11865 1118 RRI JAKARTA: IN: W DJ w/lcl pop songs, some w/EE words (444 11/12 Miller-CA)

IRAN

Voice of the Islamic Republic of Iran

9022 1803 VOIRI: GG: Ments of "Imam Khomeini"; tlk abt US in Beirut w/ anti-US comments (333 11/19 Dillon-GREECE)  
15084 1642 VOIRI: FARSI?: M tlk; lcl mx (343 11/20 Richmond-MD)

ISRAEL

Kol Israel

7460 0504 KI: EE: Interview w/Rabbi from Rabbinical Council of America (444 11/24 Snyder-NY) on 7462 @ 0112 w/discussion of the Algiers Declaration; //9385 (434 11/20 Richmond-MD) (This frq does vary occasionally, as do most KI frqs-ed.)  
9385 0016 KI: EE: "Spotlight" on the first year of the Intifada in the occupied territories (444 12/11 ed.)

JAPAN

Nihon SW Broadcasting Radio Japan

3925 1215 NSB: JJ: Pres. DX show w/cuts of KWAY-FM97; ads for Sony and addresses for NASWA and ARDXC (434 11/26 Hanson-WA) (You'd think they could have given SPEEDX's address, eh?-ed.)  
17810 0100 RJ: EE: Tlk on international trade (544 12/6 Valentine-CA) @ 0104 w/nx of Canadian elections (232 11/21 Brown-IL) @ 0145 w/cmty on terrorists in Japan (333 11/4 Langlois-FL) @ 0220 in JJ (222 11/15 Miller-CA)  
17825 0200 RJ: JJ: IS; ID; nx w/many ments America; strong but het on frq (444 11/30 Miller-CA)

(News of something brand new? Just see the next page...)

JORDANRadio Jordan

9560 \*0500 RJ: EE: IS; TP; S/on anmts w/ID and frq sked; into "Monday Morning Show" w/W host; fantastic signal from this new 500 kW xmtr! (444 12/5 Thunberg-PA) @ 1700 w/TP; lcl/UTC times; ID "You are tuned to R. Jordan, broadcasting from Amman" (344 11/24 Morby-NY) @ 2155 w/light classical mx to 2203; ID/s/off anmt; NA; 2207\* (444 12/3 Prath-FL) (plus 7 other contributors, the earliest logging being on 11/20 by Richmond-MD. They're on in EE \*0500-2200v\*, beaming to Eur/NAM, and asking for reports, which can be sent to P.O. Box 909, Amman. Hope they QSL-ed.)

KOREA, DEMOCRATIC PEOPLE'S REPUBLICRadio PyongyangKorean Central Bcast Stn

3350 1105 (p)KCBS PYONGSONG: KK: M/W tlk; xmtr suddenly failed @ 1110 (323 11/18 Howell-CA)  
 11335nf \*1300 RP: EE: IS and usual NA (?); frq anmts in EE but nothing else readable (242 11/30 Lackmann-VA)  
 15115 0014 RP: EE: Tlk abt SKorean-US military cooperation; ID @ 0017; then KK opera mx (322 11/8 Cichorek-NJ)  
 15160 2315 RP: SS: Tlk abt Korean resistance to Yankee imperialism; ID @ 2318; //15115 was much weaker (243 12/12 ed.) ("Yankee imperialism"? What's George Steinbrenner ever done to them?)  
 (By the way, not one person mentioned the Great Leader in her/his loggings this month. Has he been on vacation?)

KOREA, REPUBLIC OFRadio Korea

9750 1405 RK: EE: Nx abt trials on corruption charges (434 11/25 Snyder-NY) @ 1417 w/cnty on Korean political parties; BBC audible underneath (333 11/24 Cichorek-NJ) @ 1400 w/nx; "Echoes of Korean Music" (343 11/20 Gerstner-NY)  
 15374.8 2258 RK: IN: KK pop tune; W tlk w/mnl ments Korea; @ 2330 signature melody and into CC (322 11/30 Lackmann-VA) (Nice one!)

KUWAITRadio Kuwait

15345 0531 RK: EE: MidEast nx--US Naval presence to remain in Gulf; ID (343 11/16 Neff-FL) (Nice one, George; it's not reported very often--ed.)  
 15505 1130 R. BAHRAIN relay: AA: "Huna al-Bahrain" ID; mix of lcl mx/tlk to 1200; TP; ID and 10 mins nx (353 11/16 D'Angelo-PA) (Wonder if this has anything to do with the Gulf Cooperative Council; RK has sometimes relayed other stations in this respect.)

MARIANA ISLANDSKFBS

15305 \*0000 KFBS: BURMESE: M ID in EE; W opening anmt/theme mx; mx px w/W DJ; then radio play (454 11/26 Matsushita-JAPAN)

MONGOLIARadio Ulan Bator

12015 1205 (t)RUB: EE: W nx ment PLO; co-channel CC QRM which dominated the frq by 1211; no ID was possible; any help? (423 11/21 Snyder-NY) (David, I'd bet that you did have them; it fits w/other RUB loggings I've seen-ed.)

NEW ZEALANDRadio New Zealand International

11780 1700 RNZI: EE: Bird call IS; world nx; ID's as "R. New Zealand"; much QRN (222 12/4 Miller-CA)

OMANRadio Oman

11890 1900 RO: AA: Big Ben-style chimes for 11:00; ID; nx; some mx; soap-opera-type drama (454 11/20 Card-RI) @ 1900 w/same chimes and nx (433 12/1 Lackmann-VA) @ 2127 w/M tlk abt Arafat; AA mx w/W DJ...2200\* (343 11/6 Wright-MB)  
 17770 0205 RO: AA: Qur'an by 2 M until 0230; then W tlk; via long path? (253 11/12 Card-RI)

PAKISTANAzad Kashmir Radio Radio Pakistan

4790.4 1448 AKR: URDU?: MidEast-type vocals by W (333 11/24 Pimblett-AB)  
 5090 \*0045 RP: URDU: M ID; Qur'an; then brief tlk to 0100; "typewriter song"; ID routine/TP; W nx (232 11/12 D'Angelo-PA)  
 17660 0235 RP: EE: Nx of meeting of co-ordinating committee on hydrology (252 10/31 Wright-MB)



PAPUA NEW GUINEA

3905 1300\* R. NEW IRELAND: PD: Honky-tonk mx w/w DJ; short NA @ s/off;  
R. East New Britain on 3385 was stronger (232 11/30 George-NC)  
4890 1400\* NBC PORT MORESBY: EE: S/off anmts and NA (353 11/30 Fronczak-  
MO) (As noted last month, this is back with a 2 kW xmtr,  
rather than the former 10 kW one-ed.)

PHILIPPINESVOA relay Far East Beast Corp Radio Veritas Asia

9760 1330 VOA: SPECIAL EE: Nx to 1340; then agricultural report; good  
strength but fluttery (333 12/13 ed.)  
11850 1320 FEBC: EE: Kids' rlg px w/Uncle Charlie; nx; mx px (232 11/26  
Gerstner-NY)  
15215nf 1513 RVA: EE: "The Living Word" px, w/a bit of tlk in Tagalog, too;  
ID's; their sked lists 15220 (222 11/12 Miller-CA)  
15410 1150 VOA: CC: EE lesson; ID/IS @ 1200; into nx by W (333 11/10  
Cichorek-NJ)  
17735 2200 VOA: EE: World nx: ID's; severe het showed up @ 2207 (343  
11/17 Miller-CA) @ 0107 w/nx of OPEC meeting adjourning; ID  
(232 11/21 Brown-IL)  
17820 2310 VOA: EE: "VOA Sunday Morning" w/profile of Don McLean on 17th  
anniversary of his song "American Pie" (343 12/10 ed.)

QATARQatar Beast Service

7320nf 2110 QBS: AA: M nx to 2215; ID's during/after nx; then into px of  
M tlk and Acker Bilk-type mx; on top of (p) R. Moscow in SS  
(433 12/7 ed.)

SAUDI ARABIABeast Service of the Kingdom of Saudi Arabia

9720 1845 BSKSA: EE: "A Daily Chronicle" abt Saudi oil policy; listing  
of all-night pharmacies in Jiddah and other places (333 11/8  
Lackmann-VA) (t) @ 1658 w/AA mx "You are tuned to the EE see  
of !\*%#&@"; more AA mx (323 12/4 Snyder-NY) (Sorry I mis-  
spelled that, David; I don't have an ampersand on this type-  
writer-hi!-ed.)  
15060 1635 BSKSA: AA: M reads nx (344 11/20 Richmond-MD)

SINGAPOREBBC relay

9740 1305 BBC: EE: Nx; "24 Hours" w/rpt on the ethnic troubles in the  
USSR (232 11/24 Prath-FL)

SRI LANKASri Lanka Beast Corp VOA relay

9720 1620 SLBC: EE: Mx; TC; ID w/address and ments Colombo; TP/TC/ID  
routine @ 1630; weak/fluttery (222 11/20 Morby-NY)  
15250 0200 VOA: EE: "VOA Tuesday Morning" w/nx; "Newsline" w/rpt on  
Canadian election (243 11/22 Gerstner-NY)  
15425 0332 SLBC: EE: Pop mx w/w DJ; Evangelical px w/Oklahoma address;  
ID @ 0400; then country mx (252 11/4 Wright-MB)

TAIWANVoice of Free ChinaVoice of Asia

7285 0953 VOFC: CC/KK: CC classical songs w/w host; @ 1000 IS/CC ID;  
KK ID/anmt by W; ROC NA; into (p) M nx (242 12/9 ed.)  
7445 1124 VOA: EE: CC classical mx; @ 1129 W ID "You are listening to  
the Voice of Asia"; then more mx (222 11/5 Cichorek-NJ)  
9955 \*2200 VOFC: EE: Nx; cmty on visits from Mainland China; "Journey  
into Chinese Culture" (243 11/16 Gerstner-NY)  
15345 0240 VOFC: EE: Pop mx w/several ID's; into "Let's Learn Chinese"  
(322 11/17 Miller-CA)

TURKEYTurkish Police RadioVoice of Turkey

6340 \*0459 TPR: TURKISH: IS; NA; @ 0500 M s/on anmt; then Turkish pops  
w/anmt or short tlks by M/W betwixt (343 11/27 George-NC)  
(Nice to see this one being reported again!-ed.)  
9455 \*2300 VOT: EE: Px for 50th anniversary of death of Atatürk (454  
11/10 Card-RI) @ 2330 w/tlk abt 16th-century architect  
Sinan (554 11/11 Fraser-MA) (plus 5 others)  
15050nf 1400 VOT: TURKISH: TP's; ID/frq sked; brief segment of nx; then  
trad Turkish vocals w/some pop thrown in (343 11/22  
Thunberg-PA) (Per latest VOT sked, this frq in use 1100-  
1600 in Turkish for Europe, with 250 kW-ed.)

(Not enough room to start a new country here. I do hope that Santa Bear--  
or "le Bear Noël", as we call him here--brought everyone some DX-related  
goodies, or at least a long-awaited QSL card.)

UNITED ARAB EMIRATESVoice of UAE Abu DhabiUAE Radio Dubai

- 9595 0136 VOUAE: AA: Tlk of Beirut; ID w/ment Abu Dhabi; tlk of America and Gorbachev; NA @ 0202\*; JRM de BBC WS-9590 (433 11/11 Wright-MB) @ 2205 in EE w/Qur'an and cmtly on it; ID/frq anmt; then "A Look at the Daily Papers"; hrd //s 6170 and 11965 (533 11/21 Lackmann-VA)
- 9640 0332 RD: EE: Nx/Dubai wx by M; @ 0340 canned anmt saying EE closing down; then into px "Women in Islam" (333 11/11 ed.) (Someone obviously asleep at the switch-hi!)
- 11940 0330 RD: EE: ID/TC for 7:30 lcl time; then nx/wx (30° in Dubai); then px on Jerusalem and Palestinians (232 12/2 Brown-IL)
- 11965 \*2200 VOUAE: EE: Opening ID; Qur'an reading; press review w/international and regional stories (242 11/11 Wright-MB)
- 21605 1333 RD: EE: Nx; px "Women in Islam"; EE ended @ 1355 (333 11/20 Gerstner-NY) @ 1340 w/wx and nx headlines; ID; mx (433 11/11 Richmond-MD) @ 1337 w/nx and Dubai wx (26° there, but -18° here!); ID and into px "Eternal Jerusalem"; splashed by DW-21600 (433 12/12 ed.)

VIETNAMVoice of Vietnam

- 10010 1420 VOV: CC: Tlk and pop-style mx mixed; 1425\*; very strong het on frq (444 11/10 Miller-CA)
- 12020 1340 VOV: EE: End of nx; ID; cmtly on Afghan conflict; orch mx de 1345; hit by carrier @ 1350; no sign of 15010 (243 11/24 George-MA)

YEMEN, PEOPLE'S DEM. REP.Democratic Yemen Boast Service

- 4853 0312 DYBS: AA: Chanting by M; @ 0316 into M tlk; call it tentative since no ID hrd (222 11/27 Snyder-NY) (David, I was looking this one up in the 1988 PWRB, and found a typo; they list "R. Sana'a" from "Yemen (PDR)", but Sana'a is in the Yemen Arab Republic. Can anyone help unconfuse me on this one?-ed)

UNIDENTIFIEDS

- 4740 0140 UNID LANG: Qur'an; poss. nx on the hour; faded about 0205 (252 11/18 Howell-CA)
- 4760 0150 UNID LANG: Chanting which sounded East Indian; M/W dialogue; slop from Mayak/Caracol; early for Asia but could be freak conditions; sounded like same stn hrd on 4740 the next night (poor 11/17 Howell-CA) (Can anyone help out on these?-ed.)
- 6004.4 2037 AA: Magazine px w/M/W tlk; @ 2050 M tlk and MidEast mx to 2100; big gong chimes and (p) brief nx; then abt 2 hours uninterrupted MidEast mx; hrd several //s including 9660; maybe Baghdad? (322/1 11/28 Quaglieri-NY) (Could be; Baghdad's been known to move around. Al gave me all those //s, but I wrote them down on the wrong slip of paper and lost them; 9660 is the only one I can remember. Sorry!-ed.)
- 6115 0301 UNID LANG: Qur'an recitations hrd under Stimme der DDR; no //s found (211 11/28 Quaglieri-NY)

Random notes to finish off a "more loggings--less talk" column:

The frequencies for the RFI relays via China were given on the 11/24 "Media Network" px; they are: 0100-0200 to India on 15275; 1030-1130 to the Pacific on 15285; 1100-1200 to SEAsia on 11895 (all via xmtrs at Beijing); 1400-1500 to India on 7130 (via xmtr at Xian). All of these xmsns are in FF, though the xmsns to India may eventually have some EE.

R. Baghdad in EE to NAM is still on 9515, contrary to my supposition last month. However, they s/on on somewhere around \*0230v, instead of the former \*0100--which they're still announcing, by the way.

According to the new frq sked from R. Australia, effective 1/1/89, the frequency of 21740 kHz, used during the Olympics, will be brought back full-time, carrying EE 2200-0730 (from Shepparton, 50 kW, beamed 063° to New Caledonia/Vanuatu. RA suggests four frequencies for listeners in the US and Canada (17795 @ 2200-0400, 15320 @ 2200-0200, 9580 @ 0800-1500 and 6080 @ 1130-1400)--but we know better, don't we?

Thanks to everyone for all your loggings, and special thanks to those who've sent along comments and/or suggestions. Keep warm till next month--and if you can't keep warm, listen to the wx from Australia or Dubai and pretend-hi!

73-Bill

# SPEEDX QSL REPORT

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

1989 already...the Ute QSL's are going to be in their own 'section'- they just seemed to get lost amid the BC QSLs...

## AFRICA

- ANGOLA R Nacional: 11955 f/d cd & ltr in 50 ds for a PP rpt & tape, + \$1. V/S Carlos Ferreira. (George-NC).  
EGYPT R Cairo: 9475 f/d Temple of Luther cd in 50 ds. (Brown-IL).  
GABON Africa #1: 15475 n/d Logo cd in 63 ds for an EE/FF rpt & \$1. (Weber-OH).  
MOROCCO VoA Relay: 5995 f/d cd in 35 ds. (Culp-DC).  
SOUTH AFRICA Radio RSA: 9615 f/d J'burg cd in 27 ds. (Levison-PA). f/d Beach cd in 36 ds. (Wright-MB).

## ASIA

- CHINA R Beijing: 15455 f/d Mao cd w/ goodies in 21 ds. (Radtko-CA). f/d cd w/ site; Shijiazhuang, in 50 ds (Culp-DC).  
INDIA AIR: 11620 f/d Dal Lake cd in 74 ds for 2 ircs. (Brown-IL).  
INDONESIA RPDT2 Timor Tengah Selatan: 2580 f/d per. ltr w/ view cds in 27 ds for an IN rpt & \$1. V/S Piet A. Tallo. (Bryant-OK). RKPDT2 Luwu: 3654.3 f/d per ltr w/ photo & cassette of lagu pops in 29 ds for an IN rpt & \$1. V/S John Ibrahim. (Bryant-OK). RRI Surabaya: 3976.2 f/d pfc w/ per ltr in 90 ds for an IN rpt. V/S Agus Widjaja: QTH: Kotak Pos 239, Surabaya. (Bryant-OK). RRI Bukittinggi: 4910.5 f/d pfc in 28 ds for an IN rpt. & \$1. (Bryant-OK). RRI Nabire: 5055 p/d per ltr in 31 ds for an IN rpt & \$1. V/S Ismail Saya. (Coday-CA)...another great Indo month!!  
IRAQ R Baghdad: 9875 f/d folder cd in 630 ds for 2 ircs & some assistance from the Iraqi ambassador! (Eckert-PA).  
ISRAEL KOL Israel: 9435 f/d cd w/ text from pgm in which Gregs' ltr was read! (Fischer-WI).  
KUWAIT R Kuwait: 15505 n/d scenes cd w/ sked in 92 ds for \$1. (Coday-CA).  
MONGOLIA R Ulan Bator: 12015 p/d logo cd w/ pennant in 3 mo after f-up for 2 ircs. (Wallace-MA).  
NORTH KOREA R Pyongyang: 9345 f/d cd w/ goodies in 62 ds for 2 ircs & help from Bill Westenhaver, who remained his rpt. (Friday-CA).  
PHILIPPINES RVA: 15270 f/d cd w/ sticker & sked in 18 ds (Miller-CA). VoA Relay: 11720 f/d cd in 11 ds. (Culp-DC).  
SRI LANKA TWR: 11920 f/d ltr in 47 ds for 2 ircs. V/S Vic Fleming. (Russell-AL).  
TURKEY VoT: 9445 f/d Topkapi Palace cd w/ goodies in 31 ds for ms. (BC-Burgin). f/d cd w/ goodies in 60 ds. (Levison-PA).  
U.A.E. Voice of UAE: 11965 p/d folder cd w/ sked in 28 ds for \$1. (Eckert-PA).

## EUROPE

- AUSTRIA RAI: 9875 f/d cd in 30 ds. (Cichorek-NJ). f/d cd in 42 ds for a tape & \$1. (Hawkins-TX). 13730 f/d cd in 61 ds. (Levison-PA).  
BELGIUM BRT: 9925 f/d Garden cd in 33 ds. (Levison-PA). 9925 & 21810 f/d Theatre cd in 37 ds. (Miller-CA).  
BULGARIA R Sofia: 7115 f/d Building cd in 279 ds. (Culp-DC). 6070 & 11750 f/d Logo cd in 115 & 321 ds. (Levison-PA).  
CZECHOSLOVAKIA R Prague: 5930 f/d Chateau cd in 31 ds. (Wright-MB). 9540 f/d Monastery cd in 42 ds. (Culp-DC). 11990 f/d cd in 38 ds. (Levison-PA).

- GERMAN DEM. REP. RBI: 11785 f/d Dresden cd in 32 ds. (Culp-DC).  
GERMAN FED. REP. VoA Relay: 3980 f/d cd in 11 ds. (Culp-DC).  
 Bayerischer Rundfunk: 6085 p/d Antennas cd in 23 ds for an EE/GG  
 rpt & 2 ircs. (Weber-OH). p/d cd in 24 ds for \$1. (Culp-DC).  
GREECE VoA Relay: 11835 f/d cd in 11 ds for ms. (George-MA).  
ICELAND ISBS: 17558 p/d Thingvellir cd in 27 ds w/ sticker & sked for  
 for 2 ircs. (Russell-AL).  
ITALY RAI: 9575 f/d painting cd in 86 ds for 2 ircs. (Cichorek-NJ).  
 f/d cds in 90 & 150 ds. (Brown-IL). 11905 f/d cd in 147 ds. (Brown-  
 IL).  
MALTA Voice of Mediterranean: 9765 f/d cd in 6 wks for 2 ircs. (MA-  
 Wallace). f/d Cathedral cd in 50 ds (Culp-DC).  
MONACO TWR: 7105 f/d Map cd in 21 ds for 2 ircs. (Culp-DC).  
NETHERLANDS RN: 9715 f/d cd in ?? ds. (Johnson-FL). 15560 f/d Soccer  
 cd in 35 ds. (Culp-DC).  
NORWAY RNI: 21700 f/d cd w/ sked & sticker in 41 ds for a NO rpt. (PA-  
 Levison).  
POLAND R Polonia: 7125 & 7270 f/d cd in 71 ds. (Levison-PA).  
ROMANIA R Bucharest: 11940 f/d cd w/ goodies in 91 ds for 2 ircs.  
 (Friday-CA).  
SWEDEN RSI: 9695 f/d Anniversary cd in 11 ds. (Brown-IL). 11705 f/d  
 Logo cd in 22 ds. (Miller-CA). 15345 f/d cd in 20 ds for 2 ircs.  
 (Card-RI). 21615 f/d cd w/ stickers in 12 ds. (Gerstner-NY).  
SWITZERLAND ICRC: 6135 f/d Logo cd w/ sticker & sked in 17 ds for 2  
 ircs. (Culp-DC). SRI: 6135 & 9560 f/d cd in ?? ds. (Johnson-FL).

U.S.S.R.

- R Kiev: 11790 f/d Ukraine Culture cd in 108 ds. (Levison-PA).  
 R Moscow: 7165, 9560, 11950-Simferopol; 12050-Khabarovsk; 13680-Moscow;  
 13690-Tula; 15320-Orsha; 15404-Frunze; 15535-Kenga; 15540-Minsk;  
 17645-Armavir; 17675-Irkutsk; 17740-Ashkhabad; 17780-Irkutsk; 17860-  
 Chita f/d cds in 42 to 67 ds. (Culp-DC). 9450-Moscow; 9610-Alma Alta;  
 15540-Minsk f/d cds in 43 to 58 ds. (Evans-TN). 15260-Baku f/d cd  
 in 2 1/2 mo. (Wallace-MA). 9890-Moscow; 12050-Frunze f/d cds in 37 to  
 43 ds. (Weber-OH). 9775, 15535-Tula; 11675-Simferopol; 11750-Lvov;  
 17860-Chita f/d cds in 54 ds. (D'Angelo-PA).  
 R Rodina: 15375 f/d Logo cd in 48 ds for an EE/RR rpt & an irc. (George-  
 MA).  
 R Tashkent: 11785 f/d cd w/ goodies in 58 ds for 2 ircs. (Friday-CA).

NORTH AMERICA

- ALASKA KNLS: 9840 f/d cd in 15 ds for SASE. (Culp-DC). 12025 f/d cd in  
 23 ds for a Japanese rpt & \$1. (Levison-PA).  
CANADA CFCF: 6005 p/d Montreal cd in 56 ds for \$1. (Culp-DC). p/d cd in  
 101 ds for ms. (George-MA). CKZ2: 6160 f/d folder cd in ?? ds for  
 2 ircs. (Brown-IL).  
COSTA RICA R Impacto: 5030 f/d ltr w/ pennant & sticker in 45 ds for  
 a SS rpt & \$1 plus 2 ircs. V/S Hector Requena C. (Culp-DC). RFPI:  
 21555 f/d Logo cd in 9 wks for an irc. (Wallace-MA). f/d logo cd  
 in 61 ds for \$1. V/S James Latham. (Levison-PA).  
CUBA R Habana: 6140 f/d Mantanzas cd in ?? ds. (Johnson-FL). R Rebelde;  
 5025 n/d form ltr w/ pennants in 68 ds for a SS rpt & 2 ircs. (DC-  
 Culp). p/d logo cd w/ goodies in 76 ds after 2nd f-up for a SS rpt  
 & \$1. V/S Jorge Luis Mas Zabala. (Coday-CA).  
GUATEMALA R Maya Barillas: 2360 & 3325 n/d per ltr w/ pennant & button  
 in 105 ds for a SS rpt & ms. V/S Baltazar Juan. (D'Angelo-PA).  
MEXICO XEQQ: 9680 p/d per ltr w/ station history in 44 ds for a SS rpt  
 & ms. V/S Griselda Sanchez Lopez. (D'Angelo-PA).  
NETHERLANDS ANTILLES TWR: 9535 f/d Tower cd in ?? ds for 2 ircs. (FL-  
 Johnson). RN Relay: 9590 f/d Happy Station cd w/ pennant & stickers  
 in 28 ds. (Culp-DC).  
U.S.A. KGEI: 9615 f/d S.F. cd in 36 ds for SASE. V/S Jesus C. Elizondo  
 (Culp-DC). KUSW: 9755 p/d cd in ?? ds (Johnson-FL). VoA: 6165 f/d  
 cd in 5 ds. (Culp-DC). VoFC Relay: 5985 f/d cd & goodies in 29 ds  
 (Levison-PA). f/d Staff cd w/ goodies in 47 ds. (Culp-DC). f/d  
 Parade cd in 48 ds. (Levison-PA). f/d Control Room cd in 51 ds.  
 (Levison-PA). p/d Dragon Boat cd in 202 ds. (Wright-MB). 11740 f/d  
 cd & goodies in 47 ds. (Levison-PA). WCSN: 15225 n/d cd in 32 ds for  
 SASE. (Culp-DC). WMLK: 9465 f/d ltr in 81 ds for ms. V/S Elder Jacob  
 O. Meyer. (Weber-OH).

OCEANIA

- MARIANAS ISLANDS/ KTRW: 11805 f/d Bridge cd in 29 ds for a SASE. (DC-Culp). KFBS: 11980 f/d Map cd in 21 ds for a SASE. (Culp-DC). 12025 f/d cd w/ sticker in 1 mo for ms. V/S Erma Kapileo. (MA-Wallace). f/d map cd w/ form ltr in 55 ds for \$1. (Weber-OH).
- NEW ZEALAND/ RNZI: 15150 f/d Mountain cd w/ pennant in 28 ds for a tape & 3 ircs. (Hawkins-TX). 17705 f/d Rugby cd w/ pennant & sked in 16 ds for an irc. V/S Rudi Hill. (Etten-MN).
- SOLOMON ISLANDS/ SIBC: 5020 f/d Logo cd in 131 ds for a tape & 3 ircs. (Cichorek-NJ).

SOUTH AMERICA

- BOLIVIA/ R San Miguel: 4458.2 f/d pfc w/ ltr & pennant in 120 ds after f-up for a SS rpt. V/S Hector Salas Takana. (Bryant-OK).
- BRAZIL/ SRI Relay: 17730 f/d Castle cd in 10 ds. (Gerstner-NY).  
R Nacional da Amazonia: 6180 f/d pfc & ltr w/ stamps in 35 ds for a PP rpt & \$1. V/S Eudson Monteiro Lima. (D'Angelo-PA). R Cultura Sao Paulo: 17815 p/d ltr w/ goodies in 40 ds for a PP rpt & 2 ircs. (Culp-DC). p/d ltr w/ goodies in ?? ds for a PP rpt & \$1. V/S Jose Munhoz. (Levison-PA).
- COLOMBIA/ R Cadena Nacional: 6160 p/d per ltr in 208 ds for a SS rpt & ms. V/S Antonio Pardo Garcia. (D'Angelo-PA).
- ECUADOR/ HCJB: 15155 f/d cd w/ calendar in 30 ds for ms. (Gerstner-NY).  
R Nacional Espejo: 4680 p/d ltr w/ view cd in 229 ds for a SS rpt & 3 ircs. V/S Marco Caicedo. (Pagano-DC)...Nice one!...
- FRENCH GUIANA/ RFI Relay: 9800 f/d x'mitter cd in 34 ds. (Culp-DC).

UTES

- ARGENTINA/ LSA: 25197 f/d ltr in 18 ds for a SS rpt and an irc. V/S Ramon Francisco Perez. (Conway-UK).
- AUSTRALIA/ VLS: 5643 f/d pfc w/ p/d form ltr in 10 ds for ms. (O'Connor-NH). VHP: 12982 f/d per ltr in 49 ds after f-up for an irc. V/S N.R. Torrens. (D'Angelo-PA).
- BRAZIL/ PPO: 17162 f/d ltr w/ sked in 60 ds. (Conway-UK).
- CANADA/ VOJ: 2598 f/d pfc in 90 ds for ms. (Gerstner-NY).
- CHINA/ XSG: 22312.5 f/d cd w/ ltr in 38 ds for an irc. V/S Fu Yong Yuan (Conway-UK).
- CZECHOSLOVAKIA/ OLB5: 3170 p/d cd in 5 mo for ms. (Wallace-MA).
- FIJI/ 3DN: 5643 f/d pfc in 22 ds for an irc. (O'Connor-NH).
- GERMAN FED. REP./ DDK6: f/d cd in 32 ds for an irc. (Gerstner-NY).
- GREAT BRITAIN/ GKC74: 8516 f/d cd in 19 ds for an irc. V/S Lawrence Bennett. (Hawkins-TX).
- INDONESIA/ PKX2: 12980 f/d ltr w/ sked in 163 ds for an irc. (O'Connor-NH). PKX: 22431 f/d ltr w/ sked in 98 ds for an irc. V/S R. Soemarsono. (Conway-UK).
- ITALY/ IRQ21: 18171.5 f/d Map cd in 41 ds for an irc. (Conway-UK).
- PAKISTAN/ AQP8: 22425 f/d cd in 32 ds for an irc, V/S M.N. Hijazi. (Conway-UK).

SHIPS & AIRCRAFT

- NBDC: 2716 f/d ltr w/ patch & photo in 1 mo for SASE. (Gordon-CT). NMST: 2716 f/d ltr in 2 mo for SASE. (Gordon-CT). NJAC: 2716 f/d ltr in 2 mo for SASE. (Gordon-CT). NDFQ: 2716 f/d ltr w/ photo in 3 mo for a SASE. (Gordon-CT). NKID: 4066.1 f/d ltr w/ postcard in 6 mo for a SASE. (Gordon-CT). EC-CEZ: 8825 f/d ltr in 36 ds for ms- which were returned. (O'Connor-NH). NBHE: 13826 f/d ltr & postcard in 7 wks for a SASE. (Gordon-CT). NOYF: 14441.5 f/d ltr in 3 wks for SASE. (Gordon-CT). NDPG: 14441.5 f/d ltr w/ pamphlet in 4 wks. (CT-Gordon). NJGD: 14441.5 f/d ltr & pamphlet in 5 wks for SASE. (CT-Gordon). NSWG: 14441.5 f/d ltr in 2 mo. for a SASE. (Gordon-CT). NNNØNZX: 14477 f/d pfc in 38 ds for ms. (Gerstner-NY). NNZA: 14818.5 f/d ltr w/ postcard & info in 2 mo for SASE. (Gordon-CT). HO-2005; 16463.1 f/d pfc in 40 ds for an irc. (O'Connor-NH). 5BME: 16463.1 f/d pfc in 59 ds for an irc. (O'Connor-NH). YTLN: 16738.4 f/d pfc in 99 ds for an irc. (O'Connor-NH).

*Ray*

# UTILITY SCENE

Paul Lannuier, N2HIE 25 MacArthur Avenue Closter, NJ 07624

## FIXED COASTAL STATIONS

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
2598.0	USB	Canada	VOJ	Stephenville CG Radio, Nfl	0218	Sea state forecast	Gerstner-NY
4350.0	CW	Bahrain	AM	Bahrain Radio	2159	DE marker	Morby-NY
6404.0	CW	Netherlands	PCH30	Sceveningen Radio	0145	CW marker	McKinney-PA
6422.0	CW	France	PFL	St. Lys Radio	0200	QSK and freq. list	McKinney-PA
6521.9	USB	USA	WC2	Hatchez Radio, MS	2020	Wkg SEMI-HOLE BRAVE	Rocker-MS
7776.5	RTTY	Belgium	OST38	Ostend Radio	0415	FEC: Sports results	Lannuier-NJ
7892.5	CW	Poland	SPW	Warsaw Radio	0430	Tfc list	Lannuier-NJ
8571.5	CW	Singapore	9VG43	Singapore Radio	1155	V marker	Morby-NY
8577.9	CW	Egypt	SUR3	Alexandria Radio	0531	V/CQ marker	Morby-NY
8611.8	CW	Turkey	TAH	Istanbul Radio	1837	V/CQ marker	Morby-NY
8660.5	CW	USSR	UJQ7	Kiev Radio	0157	CQ marker	Morby-NY
12658.0	CW	Japan	JNA	Tokyo Radio	1251	CQ marker	Conway-UI
12659.4	CW	Singapore	9VG37	Singapore Radio	2235	V marker/QRM from WLO	Rocker-MS
12660.0	CW	Zaire	9PA	Banana Radio	2002	V marker	Conway-UI
12682.5	CW	Indonesia	PKP	Makassar Radio	1255	CQ marker/QRM from LPC	Conway-UI
12710.0	CW	India	VVB	Bombay Radio	1617	CQ and wx broadcast	Conway-UI
12723.0	CW	USSR	UAB	Tallin Radio	1400	QTC list	Conway-UI
12753.0	CW	Canada	CKN	Vancouver Radio	1309	Canadian Forces/V marker	Conway-UI
12785.0	CW	Taiwan	XSK	Keelung Radio	2247	CQ marker	Rocker-MS
12788.0	CW	Japan	JFA	Matsudo Radio	1014	Slow CQ marker	Conway-UI
12804.0	CW	Romania	YQI	Constanta Radio	1414	Manual CQs	Conway-UI
12827.9	CW	Philippines	IZF	Manila (Bacoor) Radio	1601	CQ marker	Conway-UI
12876.0	CW	USSR	URL	Sevastopol Radio	0541	CQ marker/not RTTY as per CPL	Morby-NY
12888.8	CW	Philippines	IZI	Manila (Bulacan) Radio	1239	Manual CQ	Conway-UI
12965.5	CW	Morocco	CNP	Casablanca Radio	1033	CQ marker	Conway-UI
12970.5	CW	Indonesia	PEX	Jakarta Radio	1325	CQ marker	Conway-UI
13024.5	CW	Pakistan	ASK	Karachi Radio	1657	Manual wkg tfc/DE marker	Conway-UI
13060.5	CW	South Yemen	70A	Aden Radio	1300	-	Conway-UI
17129.7	CW	South Korea	HLW	Seoul Radio	2337	CQ marker	Morby-NY
17426.0	CW	England	GP46	Portlthead Radio	1940	ARG marker	Rocker-MS
22315.0	CW	USSR	UJY	Kaliningrad Radio	1610	Slow CQ marker/frequency list	Rocker-MS
22351.5	CW	Belgium	OST	Ostend Radio	1610	CQ marker & tfc list	Rocker-MS
22361.0	CW	West Germany	DGW36	Frankfurt	1612	V marker w/callsigns & freqs	Rocker-MS
22430.0	CW	Ukrainian SSR	URL	Sevastopol Radio	1616	Marker/clg 41A	Rocker-MS
22479.0	CW	Portugal	CUL24	Lisbon Radio	1534	DE marker	Gerstner-NY
22504.8	CW	Poland	SPB91	Szczecin Radio	1620	Long V marker	Rocker-MS
22530.3	CW	Ukrainian SSR	URL	Sevastopol Radio	1622	CQ marker	Rocker-MS
22585.0	CW	Greece	SVU	Athens Radio	1627	DE marker	Rocker-MS
22590.0	CW	England	GKY7	Portlthead Radio	1630	ARG marker	Rocker-MS

## FIXED AERONAUTICAL STATIONS

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
4797.5	CW	France	FDY	Orleans Air	0435	FAP/V marker	Lannuier-NJ
5535.0	USB	England	-	London	0313	BAW LDOC/wkg SPEEDBIRD 214 (Concorde)	George-MA
6738.0	USB	England	NLP	Upavon	0900	ARCHITECT (RAF Strike Command)/Coded wx report	Kerrigan-IL
8967.0	USB	USA	-	unknown	0657	USAP/GCCS/OM with coded msg	Kerrigan-IL
8989.0	USB	USA	AF12	McClellan AFB, CA	0714	USAP/GCCS/Coded msgs	Kerrigan-IL
13261.0	USB	Congo	-	Brazzaville Volmet	2000	Aero wx broadcast	Rocker-MS
18002.0	USB	USA	AF1	McClellan AFB, CA	1915	USAP/5 minutes of coded SAC ttc	Rocker-MS
18009.0	USB	Unknown	-	'Whiskey Hotel'	1922	USM/coded traffic	Rocker-MS
18019.0	USB	USA	AFB8	MacDill AFB, FL	1845	USAP/GCCS/all-freq b'cast for GULL 20	Kerrigan-IL

## OTHER FIXED, RTTY AND FAX STATIONS

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
4270.6	RTTY	Canada	CFH	Halifax, NS	0630	850/75N: Meteo	Uerlings-OR
5097.0	RTTY	Japan	JAB35	Tokyo	1400	425/50R: Jiji nx in EE	Uerlings-OR
5867.0	RTTY	Iraq	YIL68	Baghdad	1400	425/50R: INA nx in AA	Uerlings-OR
6288.4	RTTY	Canary Is.	71HG2	Las Palmas Naval	0250	850/75R: Tfc until 0252, then RYRYRY	Lannuier-NJ
6329.7	RTTY	Canada	CFH	Halifax, NS	0630	850/75N: Meteo	Uerlings-OR
6902.0	FAX	USA	-	Unknown	2330	USAP/Wx maps [ KAWN/Carswell AFB, TX? ]	McKinney-PA
6943.0	RTTY	Mauritania	STX	Nouadhibou	2138	425/50: APTN	Conway-UK
6975.0	RTTY	Senegal	6VU38	Dakar	0355	425/50N: APTN/Testing with RYRYRY	Lannuier-NJ
6975.0	USB	West Germany	DFF97	Frankfurt	0115	DW feeder/nx in EE	Lannuier-NJ
7585.0	RTTY	Senegal	6VY41	Dakar	0405	425/50N: RYRYRY	Lannuier-NJ
7695.0	RTTY	Taiwan	3MA26	Taipei	1400	850/50R: CNA freq/RYRYRY	Uerlings-OR
7955.0	RTTY	Argentina	LRN85	Buenos Aires	0300	850/75R: DYN nx in SS	Uerlings-OR
8023.5	RTTY	France	PTI2	Paris	1600	425/50R: APP nx in AA	Uerlings-OR
8140.0	RTTY	USSR	RNN51	Moscow	0445	425/50R: RYRYRY/Tass frequency	Lannuier-NJ
9070.0	RTTY	Senegal	6VU	Dakar	0010	.../50R: RYRYRY/testing	Gerstner-NY
9090.0	RTTY	Taiwan	-	Taipei	1400	425/50N: CNA nx in EE	Uerlings-OR
9187.3	RTTY	New Caledonia	FZL91	Noumea	0600	425/50R: APP nx in PP	Uerlings-OR
9430.0	RTTY	Albania	ZAT	Tirana	1600	425/50R: ATA nx in unid lang	Uerlings-OR
10235.0	RTTY	Taiwan	3MA99	Tienmu	1400	850/50R: CNA nx on EE	Uerlings-OR
10390.0	RTTY	Italy	IUV81	Rome	1530	ARG: INTERPOL tfc	Uerlings-OR
10435.0	RTTY	Albania	ZAY	Tirana	1530	425/50R: ATA nx in PP	Uerlings-OR
10439.9	RTTY	East Germany	Y3A5	Berlin	1400	425/50R: DP freq/RYRYRY	Uerlings-OR
10475.0	RTTY	Morocco	CNM34/X	Rabat	1600	425/50N: MAP nx in AA	Uerlings-OR
10560.0	RTTY	France	PTI56/H	Paris	1630	425/50N: APP nx in PP	Uerlings-OR
10634.0	RTTY	Morocco	CNM37/9	Rabat	1630	425/50R: MAP nx in PP	Uerlings-OR
10720.0	FAX	Argentina	LRB72	Buenos Aires	0400	120/576: Photos	McKinney-PA
10795.0	RTTY	Japan	JAO50	Tokyo	0300	425/50N: KYODO nx in EE	Uerlings-OR
10805.2	RTTY	Argentina	-	Buenos Aires	0155	950/75R: NA nx in SS	Lannuier-NJ
10920.3	RTTY	East Germany	Y2V22	Berlin	1600	425/50R: ADM nx in EE	Uerlings-OR
10960.0	RTTY	Taiwan	3MA28	Taipei	0300	850/50R: CNA nx in EE	Uerlings-OR
10972.1	RTTY	Morocco	-	Tangier	0206	425/75N: VOA/USIA nx in EE	Lannuier-NJ
11013.4	RTTY	Argentina	LRN	Buenos Aires	0210	850/75R: DYN nx in SS	Lannuier-NJ
11096.5	RTTY	Italy	-	Rome	1600	ARG: MPA tfc/Italian election info	Uerlings-OR
11121.2	RTTY	Unknown	-	Unknown	1600	170/75R: Plain text wx	Uerlings-OR
1121.4	RTTY	USA	KAWN	Carswell AFB, TX	1420	USAP/Meteo	Alexander-IA
11476.0	RTTY	North Korea	HMP52	Pyongyang	0400	280/50R: ICNA nx in EE	Uerlings-OR
11507.5	RTTY	Panama	NBA	NAVCOMMSTA Balboa	1630	425/50R: USM/Meteo	Uerlings-OR
12070.0	RTTY	Japan	JAL32	Tokyo	0500	425/50R: KYODO freq/RYRYRY	Uerlings-OR
12075.0	RTTY	Kuwait	9KT292	Huban	1500	350/50R: KUNA nx in EE	Uerlings-OR
12080.0	RTTY	Kuwait	9KT292	Huban	1500	350/50R: KUNA nx in AA	Uerlings-OR
12186.0	RTTY	Libya	5A062	Tripoli	1530	425/50R: JANA nx in PP	Uerlings-OR
12212.5	RTTY	Yugoslavia	YZ07	Belgrade	1530	425/50N: TANJUG nx in EE	Uerlings-OR
12223.5	RTTY	Morocco	-	Tangier	2205	425/75: VOA/USIA testing/RYRYRY	Conway-UK
12278.2	RTTY	Unknown	-	Unknown	2345	850/75N: Tfc in unid lang/Bulgarian Embassy?	Lannuier-NJ
13387.0	CW	USA	KIN39	Washington DC	2239	US State Dept./QRA marker	Rocker-MS
13509.6	RTTY	Canada	CFH	Halifax, NS	1730	850/75N: Meteo	Uerlings-OR
13780.0	RTTY	North Korea	HME28	Pyongyang	0400	280/50R: ICNA nx in EE	Uerlings-OR
13826.0	USB	Antarctica	NNNONUZ	Byrd Surface Camp	0230	USM/MARS station/wkg NNNOVPRG	Gordon-CT
13873.0	RTTY	Hungary	HGK32	Budapest	1613	425/100R: MT1/HGK32 UR CALL PSE UR CALL TES*	Alexander-IA
14373.0	RTTY	Iraq	YIL73	Baghdad	1600	425/50R: INA nx in EE	Uerlings-OR
14422.0	RTTY	Kuwait	9KT321	Huban	1630	350/50R: KUNA nx in AA	Uerlings-OR
14532.7	RTTY	USA	AGA3HO	Scott AFB, IL	2305	Packet: USAP/MARS PBBS	Lannuier-NJ
14568.0	RTTY	North Korea	HML61	Pyongyang	0500	425/50R: ICNA nx in EE	Uerlings-OR
14573.0	RTTY	Morocco	CNM59/X	Rabat	1630	425/50R: MAP nx in AA	Uerlings-OR
14632.0	RTTY	Yugoslavia	YZC2	Belgrade	1630	425/50N: TANJUG nx in unid lang	Uerlings-OR
14707.0	RTTY	Japan	JPA35	Tokyo	0130	ARG: INTERPOL	Uerlings-OR
14760.0	RTTY	Puerto Rico	NAU	San Juan	2355	.../75N: Poxes/testing	Gerstner-NY
14817.5	RTTY	Japan	JPA24	Tokyo	0200	ARG: INTERPOL	Uerlings-OR
14880.3	RTTY	Japan	JMG4	Tokyo	-	850/50R: Meteo	Lannuier-NJ
14901.0	RTTY	Cuba	CLN451	Havana	1630	425/50N: TASS nx in EE	Uerlings-OR
14923.0	RTTY	China	BAP44	Beijing	0200	965/75R: XNZ nx in EE	Uerlings-OR
15633.0	RTTY	North Korea	BMH21	Pyongyang	0400	280/50R: ICNA nx in EE	Uerlings-OR
15976.9	RTTY	France	FFF97/G	Paris	1600	425/50R: APP nx in EE	Uerlings-OR
15999.8	RTTY	Morocco	CNM69/1	Rabat	1600	425/50N: MAP nx in PP	Uerlings-OR

16053.3	RTTY	Unknown	-	Unknown	1730	Packet: FYN & FNN, followed by numbers	Uerlings-OR
16106.0	RTTY	New Caledonia	FZM62	Noumea	0200	425/50R: DIPLO nx in FF	Uerlings-OR
16117.0	RTTY	Senegal	6VIC317	Dakar	1600	425/50H: PANA nx in FF	Uerlings-OR
16224.0	RTTY	Tavilan	3MA35	Talpel	0300	850/50H: CNA nx in EE	Uerlings-OR
16264.7	RTTY	Singapore	9VP206	Singapore	1800	850/50R: ANSA nx in EE	Uerlings-OR
16348.0	RTTY	Cuba	CLM530	Bavana	1630	425/50H: TASS nx in EE	Uerlings-OR
17597.0	RTTY	Japan	JAG57	Tokyo	0300	850/50H: KYODO nx in EE	Uerlings-OR
18999.9	RTTY	Unknown	-	Pacific?	2320	170/75R: Unid USN/MARS station/Thanksgiving m	Lannuier-NJ
19027.0	RTTY	Brazil	PW2	Rio de Janlero Naval	2310	850/50R: Brazilian Navy/RYRYRY, foxes, assgs.	Lannuier-NJ
19792.2	RTTY	Philippines	-	Poro la Union	0230	425/75R: VOA nx in EE	Uerlings-OR
20078.0	RTTY	France	FT08B	Paris	0200	425/50H: DIPLO nx in FF	Uerlings-OR

### AERONAUTICAL MOBILE STATIONS

kHz	NAME	MODE	UTC	REMARKS	CONTRIBUTOR
4675.0	MAC 70020	USB	0602	ICAO NAT-D area/Position rpt to Shanwick	Rocker-MS
6683.0	AIR FORCE 2	LSB	0017	USAP/wkg Andrews AFB, MD	Alexander-PA
6715.0	SAM 24126	USB	0147	USAP/wkg Andrews AFB, MD	Alexander-PA
6730.0	SAM 31683	USB	2025	USAP/wkg Andrews AFB, MD	Alexander-PA
6756.0	AIR FORCE 2	USB	0107	USAP/wkg Andrews AFB, MD	Alexander-PA
6812.0	AIR FORCE 1	USB	0136	USAP/wkg Andrews AFB, MD	Alexander-PA
6918.0	SAM 24127	USB	1704	USAP/wkg Andrews AFB, MD	Alexander-PA
8825.0	NLW 404	USB	0339	ICAO NAT-A area/wkg New York	Kerrigan-IL
8825.0	SURINAM 764	USB	2245	ICAO NAT-A area/wkg Santa Maria	George-MA
8861.0	VARI6 8709	USB	0544	ICAO AP-1/SAT-1 areas/wkg Dakar	Rocker-MS
8954.0	FIRST AIR 074	USB	2235	Wx reports from LDOC	Rocker-MS
8967.0	MAC 195802	USB	0431	USAP/wkg CLN Lajes, Azores for patch	Kerrigan-IL
8993.0	GULL 23	USB	2305	USAP/wkg MacDill AFB, FL/patch Miami Monitor	Alexander-PA
9320.0	SAM 60203	USB	0005	USAP/wkg Andrews AFB, MD	Alexander-PA
11035.0	AIR FORCE 1	USB	1943	USAP/wkg Andrews AFB, MD	Alexander-PA
11055.0	AIR FORCE 1	USB	1958	USAP/wkg Andrews AFB, MD	Alexander-PA
11177.0	MAC 2360	USB	1940	USAP/wkg Albrook AFB, Panama	Kerrigan-IL
11180.0	AIR FORCE 1	LSB	1751	USAP/wkg Andrews AFB, MD	Alexander-PA
11246.0	AIR FORCE 2	USB	2327	USAP/wkg MacDill AFB, FL	Alexander-PA
11246.0	GULL 17	USB	2327	USAP/wkg MacDill AFB, FL/patch Miami Monitor	Alexander-PA
11307.0	EASTERN 27	USB	0551	Wkg Lima with pos.rpt and wx	Kerrigan-IL
11396.0	PRINCESS 812	USB	2020	ICAO W-CAR/E-CAR areas/Pos.rpt to NY	O'Connor-NE
11466.0	AIR FORCE 1	USB	2300	USAP/wkg Andrews AFB, MD	Alexander-PA
13204.0	AIR FORCE 1	USB	1816	USAP/wkg Andrews AFB, MD	Alexander-PA
13244.0	CANADIAN FORCES 6559	USB	2025	RCAP/patch t/c via MacDill AFB, FL	Rocker-MS
13244.0	MAC 1277	USB	1950	USAP/wkg MacDill AFB, FL w/position rpt	Rocker-MS
13247.0	SAM 60203	USB	1723	USAP/wkg Andrews AFB, MD	Alexander-PA
13306.0	AIR FRANCE 231	USB	2004	ICAO NAT-A/NAT-C areas/Selcal check to NY	Rocker-MS
13306.0	LUFTHANSA 526	USB	1537	ICAO NAT-A/NAT-C areas/wkg Santa Maria	George-MA
15015.0	KING 52	USB	0023	USAP/wkg Albrook AFB, Panama	Alexander-PA
15048.0	SAM 60206	LSB	2240	USAP/wkg Andrews AFB, MD	Alexander-PA

### MARITIME MOBILE STATIONS

kHz	CALL	NAME	MODE	UTC	REMARKS	CONTRIBUTOR
2714.0	NJLE	USS KAUFFMAN	USB	1030	Cig Newport Port Control	Gordon-CT
2714.0	NNAP	USS VREELAND	USB	1100	Asking for radio check	Gordon-CT
2716.0		RMS NEWCASTLE	USB	1100	RN Destroyer/Cig Key West Control	Gordon-CT
2716.0		US NAVY YTB 771	USB	2250	Large Harbor Tug/Radio check w/Portsmouth Tug Ctr1	Gordon-CT
2716.0		USN AUX. DEER ISLAND	USB	1010	Research vessel/wkg Autec Operations	Gordon-CT
2716.0	NEDO	USS AUSTIN	USB	1010	Cig Norfolk Tug Control	Gordon-CT
2716.0	NJVV	USS CANISTRO	USB	1035	Cig NJVE	Gordon-CT
2716.0	NBJR	USS CHARLES P. ADAMS	USB	0000	Cig USS VREELAND	Gordon-CT
2716.0	NHLT	USS CONYNGHAM	USB	0100	Cig Norfolk Tug Control	Gordon-CT
2716.0	NOEP	USS COONTZ	USB	2320	Cig Norfolk Port Control	Gordon-CT
2716.0	NDMQ	USS DETROIT	USB	1020	Wkg Norfolk Tug Control	Gordon-CT
2716.0	NHTB	USS ELROD	USB	2315	Cig Charleston Tug Control	Gordon-CT
2716.0	NHJE	USS ESTOCIN	USB	1040	Cig Newport Port Control	Gordon-CT
2716.0	NPGP	USS FARRION	USB	0945	Cig for radio check	Gordon-CT
2716.0	NHRZ	USS PORT FISHER	USB	0300	Cig Naval Station Panama Canal	Gordon-CT



2716.0	NQ5J	USS GRAPPLE	USB	1025	Cig Navy Bermuda	Gordon-CT
2716.0	NOTH	USS HALYBURTON	USB	0945	Radio check w/USS FAHRION	Gordon-CT
2716.0	NDPO	USS JOHN KING	USB	0945	Cig Norfolk Tug Control	Gordon-CT
2716.0	NVVO	USS JOHN YOUNG	USB	0245	Wkg San Diego CSSI	Gordon-CT
2716.0		USS LAKE CHAMPLAIN	USB	1050	Cig San Diego Control 1	Gordon-CT
2716.0		USS LEYTE GULF	USB	1140	Cig Mayport Degaussing	Gordon-CT
2716.0	NZOK	USS MAHON	USB	0945	Cig Roosevelt Roads Tug Control	Gordon-CT
2716.0	NZBI	USS McCLOY	USB	1025	Wkg USS NICHOLAS	Gordon-CT
2716.0	NSVN	USS NICHOLAS	USB	0945	Cig Charleston Tug Control	Gordon-CT
2716.0	NICK	USS NICHOLSON	USB	0945	Cig Charleston Tug Control	Gordon-CT
2716.0	NTLW	USS O'BANNON	USB	1120	Cig Charleston Tug Control	Gordon-CT
2716.0	NTMV	USS PATTERSON	USB	0945	Cig Newport Port Control	Gordon-CT
2716.0	NGHY	USS PETERSON	USB	2245	Wkg Norfolk Tug Control	Gordon-CT
2716.0	NRGB	USS ROBERT G. BRADLEY	USB	1040	Cig for radio check	Gordon-CT
2716.0	NGKO	USS SAGINAW	USB	0005	Radio check w/USS ESTOCIN	Gordon-CT
2716.0	NABN	USS SEATTLE	USB	0045	Cig for radio check	Gordon-CT
2716.0	NOPO	USS THORN	USB	1050	Wkg Charleston Tug Control	Gordon-CT
2716.0	NBMZ	USS TUSCALOOSA	USB	1105	Cig San Diego CSSI	Gordon-CT
2716.0	NWSS	USS W.S. SIMS	USB	0947	Cig Mayport Tug Control	Gordon-CT
2716.0	NWIX	USS WABASH	USB	1020	Wkg Long Beach Control 2	Gordon-CT
4066.1	NJVR	USS POINT LOMA	USB	0230	Cig San Diego CSSI	Gordon-CT
4066.1	NDRD	USS CLAUDE V. RICKETTS	USB	2035	Cig Norfolk ICSB Operator	Gordon-CT
4066.1	NRWC	USS COPELAND	USB	0045	Cig San Diego CSSI	Gordon-CT
4066.1	NPGC	USS CUSHING	USB	0045	Wkg San Diego CSSI	Gordon-CT
4066.1	NAYR	USS DENVER	USB	0245	Cig San Diego CSSI	Gordon-CT
4066.1	NJCN	USS FLETCHER	USB	0300	Cig San Diego CSSI	Gordon-CT
4066.1	NCDD	USS FREDERICK	USB	0300	Wkg San Diego CSSI	Gordon-CT
4066.1	NOXG	USS IWO JIMA	USB	2045	Cig Norfolk ICSB	Gordon-CT
4066.1	NRCD	USS JARRETT	USB	0210	Cig San Diego CSSI	Gordon-CT
4066.1	NRAY	USS KING	USB	2040	Cig Norfolk ICSB	Gordon-CT
4066.1	NHIX	USS MERRILL	USB	0135	Cig San Diego CSSI	Gordon-CT
4066.1	NMDX	USS PAUL P. POSTER	USB	0125	Wkg San Diego CSSI	Gordon-CT
4066.1	NOLA	USS PEORIA	USB	0045	Cig San Diego CSSI	Gordon-CT
4176.5	9VPG	DON CARLOS	RTTY	0035	ARO: Telex tfc	Gerstner-NY
6218.6		HMCS QUEST	USB	1345	Wkg aircraft ONGU	O'Connor-NH
6260.5	OUIC2	MERCANDIAN ATLANTIC II	RTTY	0030	ARO: Telex tfc	Gerstner-NY
6261.0	WSKD	NEW YORK SUN	RTTY	2251	ARO:Wkg WLO w/telex tfc	Gerstner-NY
6261.0	WHAC	SS SGT MATEJ KOCAK	RTTY	2216	ARO: Wkg WLO w/telex tfc	Gerstner-NY
6263.5	9MYK	MISTER BUNGA KANTAN	RTTY	2235	ARO: Telex tfc	Gerstner-NY
6263.5	ELPX6	MS JUBILEE	RTTY	0035	ARO: Wkg WLO	Gerstner-NY
6266.5	7TGE	MOSTEFA BEN BOULAID	RTTY	2350	ARO: Wkg WCC w/tfc	Gerstner-NY
6521.9	WGP6912	JESSE FLOWERS	USB	2023	Tfc from IDO	Rocker-MS
7535.0	NRVP	USS HERMITAGE	USB	1920	Wkg Norfolk SESEF	Gordon-CT
8344.5	VSBD5	NORTHERN EXPLORER	RTTY	0043	ARO: AMVER report	Gerstner-NY
8349.5	3BXK4	MOUNTAIN BLOSSOM	RTTY	2127	ARO:Telex tfc	Gerstner-NY
8350.5	GBT1	QUEEN ELIZABETH II	RTTY	0037	ARO: Msgs to Cunard home office	Gerstner-NY
8353.5	SOXK	AWIOR	RTTY	1637	ARO: Wkg NMC COMSTA SP, CA	Blair-CA
8390.0	3EJD2	YICK HING	CW	1215	Wkg VPS/Hong Fat Shipping (Panama) Bulk Carrier	Jones-TX
12492.0	C6BB	MV TRINIDAD ANP TOBAGO	RTTY	2348	ARO: Position report	Gerstner-NY
12492.5	GPMS	CANTERBURY STAR	RTTY	0010	ARO: Paint order	Gerstner-NY
12492.5	ELIX	TONCI TOPIC	RTTY	1754	ARO: AMVER to KFS SP Radio, CA	Blair-CA
12497.5	9VJT	ACTUARIA	RTTY	1753	ARO: Position report	Gerstner-NY
12497.5	QXTZ	MERCANDIAN SUN II	RTTY	2319	ARO: Wkg WCC	Gerstner-NY
12500.5	ICCD	CARLA COSTA	RTTY	2356	ARO: Telex tfc	Gerstner-NY
12501.5	XCSG	B/M SONORA	RTTY	2339	ARO: Parts order	Gerstner-NY
12503.5	H9KX	M/V KENTUCKY	RTTY	1742	ARO: Position report	Gerstner-NY
12504.5	PDKA	CHRISTINA	RTTY	1327	ARO: AMVER report	Gerstner-NY
12504.5	GDOM	ENGLISH STAR	RTTY	1227	ARO: Wkg NBN COMSTA Portsmouth, VA	Blair-CA
12505.0	OGYV	SISSILI RIVER	RTTY	0906	ARO: Wkg London?	Alexander-IA
12505.5	ELPT8	MS CELEBRATION	RTTY	0027	ARO: Food order	Gerstner-NY
12507.5	EBEB	ODESSA PROLETARSKIJ	RTTY	2355	ARO: Telex tfc	Gerstner-NY
12512.5	IBNU	M/C AGIP LAZIO	RTTY	1738	ARO: AMVER report	Gerstner-NY
12512.5	UXHB	T KYPU	RTTY	0854	ARO: Wkg Tallin	Alexander-IA
12513.5	ORON2	EVELYN MAERSK	RTTY	2342	ARO: Position report	Gerstner-NY
12517.5	LPEV3	POLYCRUSADER	RTTY	2350	ARO: Telex tfc	Gerstner-NY
12518.0	4PKZ	CARIBBEAN UNIVERSAL	RTTY	1349	ARO: Wkg WLO Mobile, AL	Blair-CA
12518.0	ELAD6	IVER SOVEREIGN	RTTY	1310	ARO: Wkg WLO Mobile, AL	Blair-CA
12518.5	3BYK3	M.S. HOLIDAY	RTTY	2239	ARO: Parts order	Gerstner-NY
12519.5	ELFY6	M/V HORNWIND	RTTY	2358	ARO: Position report	Gerstner-NY

12520.5	LYPH	BATH MARSHAL KRYLOW	RTTY	0058	170/SOH: Sent name as 'MAR-> KRLW'	Alexander-IA
12523.0	EYNA	MB-2422	RTTY	0926	170/SOH: Cig UDEK Murmansk/msg ttc	Alexander-IA
12523.0	UYGG	NIS ANTARES	RTTY	0235	170/SOH: Cig UFB Odessa/tfc	Alexander-IA
12525.5	BOPA	TR LAZURNYI BEREG	RTTY	0024	170/SOH: RYRYTYs into msgs to UJY	Alexander-IA
13826.0	NNHOCX	USSNS NEOSHO	USB	1515	MARS/Cig any stateside MARS station	Gordon-CT
13826.0	NNHOCN	USS NEW JERSEY	USB	1145	MARS/Radio check w/NNHOCX	Gordon-CT
13974.0	NNHOCWS	USS GOLDSBOROUGH	USB	0200	MARS/Wkg NNHONOG	Gordon-CT
14441.5	NNHOCBC	USS AUBREY FITCH	USB	2250	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCYP	USS CALLIFORNIA	USB	1915	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCVL	USS GALLAGHAN	USB	0030	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCOH	USS CAPE COD	USB	0155	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCUM	USS PRESNO	USB	1500	MARS/Cig NNHONRI	Gordon-CT
14441.5	NNHOCRO	USS LEADER	USB	2210	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCJN	USS REID	USB	0155	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCQA	USS ROARK	USB	0200	MARS/Wkg NNHONSJ	Gordon-CT
14441.5	NNHOCVD	USS SANTA BARBARA	USB	1750	MARS/Wkg NNHONXPO	Gordon-CT
14441.5	NNHONZS	USS SHARK	USB	0100	MARS/Cig NNHONBL	Gordon-CT
14441.5	NNHOCLEP	USS VALLEY FORGE	USB	2255	MARS/Cig any stateside MARS station	Gordon-CT
14441.5	NNHOCZS	USS WILLIAM V. PRATT	USB	2205	MARS/Cig any stateside MARS station	Gordon-CT
14463.5	NNHOCVZ	USS HOWM WHITNEY	USB	2015	MARS/Wkg NNHONZI	Gordon-CT
14467.0	NNHOCYO	USS GUADALCANAL	USB	2350	MARS/Wkg NNHONCL	Gordon-CT
14467.0	NNHOCUX	USS HASSAU	USB	1930	MARS/Wkg NNHONPQ	Gordon-CT
14470.0	NNHOCAL	USS AMTLETAM	USB	2200	MARS/Wkg NNHONMT	Gordon-CT
14470.0	NNHOCXI	USS BUTTE	USB	1925	MARS/Wkg NNHONXN	Gordon-CT
14470.0	NNHOCXB	USS JOHN F. KENNEDY	USB	1905	MARS/Wkg NNHONXZ	Gordon-CT
14470.0	NNHOCXD	USS JOHN ROGERS	USB	1925	MARS/Wkg NNHONXZ	Gordon-CT
14470.0	NNHOCYE	USS MISSISSIPPI	USB	0200	MARS/Wkg NNHONAV	Gordon-CT
14470.0	NNHOCYS	USS SAMPSON	USB	2030	MARS/Wkg NNHONPP	Gordon-CT
14470.0	NNHOCZL	USS SYLVANIA	USB	0200	MARS/Wkg NNHONHW	Gordon-CT
14477.0	NNHOCVZ	USNS H.H. HESS	USB	0100	MARS/Wkg NNHONIG	Gordon-CT
14477.0	NNHOCVI	USS WISCONSIN	USB	0120	MARS/Wkg NNHONAV	Gordon-CT
14483.5	NNHOCZP	USS GALLERY	USB	0010	MARS/Wkg NNHONBL	Gordon-CT
14483.5	NNHOCMA	USS JOHN L. HALL	USB	2120	MARS/Wkg NNHONIM	Gordon-CT
14818.5	NNHOCOC	USS SACRAMENTO	USB	0100	MARS/Wkg NNHONSJ	Gordon-CT
16587.1	KRDP	SEABILE CHALLENGER	USB	1556	Wkg KHT Cedar Rapids, IA w/patch	Gerstner-NY
16661.5	VPHO	ENVOY	RTTY	1724	ARG: Position report	Gerstner-NY
16662.5	PGDM	NEDLLOYD LINGE	RTTY	1411	ARG: Wkg WLO Mobile, AL	Blair-CA
16667.5	BOTC	BING HE	RTTY	1926	ARG: Wkg WLO Mobile, AL	Blair-CA
16667.5	UIGU	MT ASHKABAD	RTTY	2155	ARG: Telex ttc	Gerstner-NY
16667.5	ELFE7	MT FORTUNE	RTTY	2113	ARG: ANVER report to WLO Mobile, AL	Gerstner-NY
16667.5	BHDM	UNIQUE	RTTY	1431	ARG: Wkg WLO Mobile, AL	Blair-CA
16669.0	CUMW	OCEAN TRAMP	RTTY	1422	ARG: Wkg OXZ Lyngby Radio, Denmark	Blair-CA
16672.5	VRAC	SEAVILLE	RTTY	2329	ARG: Wkg WLO Mobile, AL w/telex ttc	Gerstner-NY
16674.0	IBSK	ALMARE PRIMA	RTTY	1559	ARG: Wkg IAR Rome Radio, Italy	Blair-CA
16674.0	VSR13	NV BIBI	RTTY	2130	ARG: Position report	Gerstner-NY
16692.0	SSEY	BARBER NARA	RTTY	1524	ARG: Telex ttc	Blair-CA
16824.0	JBBY	TUEYO MARU	CW	2105	Wkg WLO	Jones-TX
22124.0	WAPA	EXOXH BATON ROUGE	USB	2005	Wkg KHT w/phone patch ttc	Gerstner-NY
22124.0	WQNA	OMI WILLIAMETTE	USB	2100	Wkg KHT w/phone patch ttc	Gerstner-NY
22209.5	BJJP	BRIGHTIE JACOB	RTTY	1731	ARG: Position report	Gerstner-NY
22218.5	ELFL6	M/T KNOCK REOCH	RTTY	1653	ARG: Position report	Gerstner-NY
22225.5	GUMP	CUNARD COUNTESS	RTTY	1602	ARG: Telex ttc/order for towels	Gerstner-NY

Welcome to 1989! Here now the news:

NEW OPERATING FREQUENCIES for the Australian coastal station VIX/VHP Canberra, ACT. According to William Borland (Kent, England) the station has been logged on 18225.0, 16606.0 and 14605.0 kHz since the middle of November. The stations signs VIX from 0000 - 0159 UTC, VHP from 0200 - 0359, and alternates like such every two hours. VIX/VHP apparently uses 18 MHz during the day (Australian local time), 14 during local nighttime hours and 16 MHz possibly H24.

ASSOCIATED PRESS NEWS PHOTOS TRANSMITTED VIA FAX on 17672.0 and 20736.0 kHz are from Buenos Aires, Argentina (LQZ67 and LSA600, respectively). These frequencies are listed as New York, NY in the

Confidential Frequency List, 7th Ed. Please make appropriate changes.  
Speed/IOC = 60/288.

US CUSTOMS AND DEA OPERATE JOINTLY on several HF frequencies. The ones that seem most popular lately are 5277.0, 11288.0, 12381.0 and 18666.0 kHz. Commonly reported tactical call signs are 'SLINGSHOT' (Miami aircraft coordinating center); 'ATLAS' (Washington DC Intelligence Center); 'HOMEPLATE' (CUSTOMES BASE, Homestead AFB, FL); 'PANTHER' (Nassau, Bahamas); 'FLINT 31' (DEA aircraft); and 'SWORDFISH 53' (USCG aircraft). Other calls reported in the past few months include 'SHORTSTOP 31,' 'BONNIE SUE,' and 'BLUETAIL 602'. Thanks to Patrick Kerrigan and Ken Roberts for loggings. For detailed info, I recommend Tom Kneitel's TOP SECRET REGISTRY OF U.S. GOVERNMENT RADIO FREQUENCIES, 6th Ed.

SOUTH KOREAN NAVY DESTROYER CHUNG BUK was heard by Andy Gordon on 21 November at 1000 UTC. The ship was on fire somewhere in the North Pacific, and was heard working Esquimalt Control (Vancouver, BC). Esquimalt informed CHUNG BUK that fire fighting/rescue ship HMCS FIRE BRAND was being dispatched to aid them. Nice catch!

USS JAMES K. POLK, (BALLISTIC MISSILE SUBMARINE SSBN-645), was also heard by Andy on 2716.0 kHz at 1200 UTC, 30 October 1988. The vessel, obviously wishing to remain inconspicuous, identified itself only as "Inbound Navy Unit" while calling Portsmouth Naval Shipyard, its destination port. Andy says he made several phone calls to various USN contacts before finding out the ship's identity. The sub's assigned call is NNBD.

KLINGENFUSS' GUIDE TO UTILITY STATIONS, Seventh Ed. is now available from selected SWL dealers. Price in US dollars is unknown. For more info, contact Klingenfuss Publications, Hagenloher Str.14, D-7400 Tuebingen, Fed. Rep. of Germany.

NEW LOG REPORT FORMS ARE AVAILABLE. Please send a self addressed stamped envelope to my QTH.

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73 til February de *Paul*

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