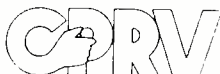




APRIL, 1989

VOLUME 19, NUMBER 4

The SPEEDX Board Elections--See p. 4



COMMITTEE TO PRESERVE RADIO VERIFICATIONS

A committee of the Association of North American Radio Clubs

## REGISTERED COLLECTIONS PROGRAM

### INFORMATION

The Committee to Preserve Radio Verifications was formed in 1986 in order to save from loss or destruction QSL cards and letters belonging to radio hobbyists who have become inactive or passed away. Many such collections have been lost due to the absence of anyone to care for them. The committee feels that QSLs are an important aspect of the history of radio and the radio listening hobby. In addition, the preservation of their QSLs is a fitting memorial to the radio hobbyists of the past.

The committee seeks out inactive hobbyists and the families of deceased hobbyists in order to identify and save existing collections. Many collections have been lost over the years, but the committee has also been able to save much material. The committee's holdings include many thousands of QSLs from DXers such as **John Tweedie, Steven d'Adolf, Al Niblack, Eugene Allen, Paul Karagianis, Bob Gorsuch, August Balbi, Roy Millar, Edward Bellington, Frank Peters, Norm McGuire, Anson Boice** and many others. QSLs are kept on file at the Boston headquarters of Christian Science Monitor shortwave broadcast station WCSN

The search for additional collections continues to be one of the committee's main activities. But today's active collections may become tomorrow's discards. So the Registered Collections program has been established for hobbyists who are concerned about the future of their QSLs. The purpose of the program is to help insure that, in the event a hobbyist becomes unable to enjoy his or her QSLs, they will be donated to the committee.

Under the Registered Collections program, you send us a registration form, and we send you a supply of adhesive backed stickers to affix to your QSL albums. The stickers are 2 7/8" x 3 3/4" in size (illustration at right is reduced). The message on the sticker requests that your QSLs be donated to the committee when you are no longer able to enjoy them. The cost of registering with the Registered Collections program is 50¢ per sticker, which is used to cover the cost of printing and handling and to support the committee's work.

Registering your collection does not constitute a legal or "final" donation to the committee. Rather, it is an expression of your wishes, which we hope your family will follow when the time comes. (You can change your mind at any time by removing the stickers.)

If you wish to register your collection, complete the enclosed Registration Form and send it to the address shown below, along with payment for the number of stickers you want. Be sure to order enough. The stickers, along with a copy of the completed Registration Form, will be sent to you. Please send payment by cash, or by check or money order payable to the "Committee to Preserve Radio Verifications." Additional stickers may be obtained for 50¢ per sticker and a stamped, self-addressed envelope.

**Please send payment and completed Registration Form to:**

**CPRV Registered Collections Program**  
John C. Herkimer, Program Coordinator  
P.O. Box 54  
Caledonia, NY 14423  
Tel. (716) 538-2582

*Thank You!*



COMMITTEE TO PRESERVE RADIO VERIFICATIONS

My QSL collection is very important to me. It is my wish that, when I am no longer able to enjoy my QSLs, my family will donate them to the Association of North American Radio Clubs "Committee to Preserve Radio Verifications," Box 54, Caledonia, NY 14423, so that my QSLs will be preserved for the enjoyment of other radio hobbyists

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# Spotlight on...

## SPEEDX SPOTLIGHTS

APRIL 1989



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

TOTAL CONTRIBUTORS: 66

1	BARBATO, JOHN	NJ ICF2010	3	KERRIGAN, PATRICK	IL R1000
1	BARBER, C.L.	IL	4	KLINE, JAMES	CA FRG8800
2	BERRI, JASON	CA R2000	7	KUNDEL, R.	CA DX440
5	BISHOP, FORREST	NY RF4800	1	LADD, C. ALAIN	CA
2	BLAIR, ARTHUR	CA NRDS15	1	LEADER, PATRICK	IR D2615
1	BLIGHT, WILLIAM	MD FRG8800	2	LEMKE, RICHARD	AB IC-R71A
3	BROWN III, EDWARD	IL ICF7600A	4	LEVISON, HAROLD	PA IC-R70
1	BRYANT, JOHN	OK	6	MATSUSHITA, YUKIMASA	JP RF2200
1	BURNELL, D. JEAN	NF IC-R71A	4	MILLER, WILLIAM	CA DX400
1	CALLIGAN, MICHAEL	CA ICF2010	1	MUNSTER, RALF	GA FRG7700
6	CARD, PETER	RI NRDS15	4	MUZKYA, WILLIAM	NY RF4800
1	CARSON, JOHN	OK SPR4	2	PERRON, FRED	NY NRDS25
6	CICHOREK, EDWARD	NJ FRB8800	2	PIMBLETT, NIGEL	AB R5000
1	CODAY, RICHARD	CA FRG7700	1	QUAGLIARI, AL	NY EC950/3
1	COLE, JACQUELINE	CO NRDS25	7	ROBINSON, BETSY	TN IC-R71A
5	D'ANGELO, RICHARD	PA NC190	1	ROCKER, RAYMOND	MS FT7570X
4	DILLON, PETER	GR DX400	1	ROGERS, JOHN	MA
1	EHLY, STEWART	IA IC-R71A	2	ROSS-NUTT, JAMES	JP
5	ETTEN, JIM	MN	2	SAARIKKO, LARRY	NY
2	FAMULARO, RALPH	JP ICF6000A	1	SABLE, THOMAS	PA TS4305
1	FEELEY, JAMES	GA	1	SAMPSON, DANIEL	WI R1000
1	FISCHER, GREG	WI NRDS25	1	THOMPSON, PEGGY	CA FRG7
1	FISHER, JOHN	MA R2000	3	THORNTON, DON	NJ
1	FLYNN, BILL	CA R2000	4	THUNBERG, BOB	PA R1000
5	FRASER, BOB	MA XCR30	2	TRESCHER, FRED	PA ICF2010
1	GEORGE, NELSON	NC IC-R71A	1	WAKEFIELD, PAUL	IA ICF2010
1	GERSTNER, JOHN	NY DX1000	2	WALLACE, ANDREW	MA
1	HALVERSTADT, JAKE	CO	1	WATTS, R.C.	KY
1	HANSON, JEFFREY	WA	4	WESTENHAVER, WILLIAM	PQ ICF6500W
1	HOWELL, JOE	CA	1	WILLIS, KENT	KY
1	JANUSZ, EDWARD	NJ ICF2010	4	WOERING, HAROLD	MA R1000
1	JOHNSON, DAVID	ID FRG7700	5	WRIGHT, PHILIP	MB DX400
1	KANA, JOHN	GA R390A	5	ZACHER, J.	IL

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:  
WEST. HEMIS / AFRICA / UTILITIES / USSR

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
WESTERN HEMISPHERE

TA-TA TA DA!!! We have one new full member this month! May I have the envelope please!

LINDA SUE MORBY.....NY

Congratulations Linda Sue...and welcome to the SPEEDX Full Member list!

We also have a ton of new and rejoining contributors this month...and here they are:

JOHN BARBATO.....NJ	JAMES ROSS-NUTT.....JAPAN
JOHN CARSON.....OK	KENT WILLIS.....KY
J. ZACHER.....IL	

Thanks to all of you for supporting SPEEDX, and of course we look forward to seeing many more of your contributions in the future!

THE ALTAIR 8800 IS BACK!

As you can plainly see from the masthead, the old computer is back together again cranking out Contributors Lists. Whew...I thought it would never get fixed. But alas, it is done, and hopefully won't break down again for quite

a while. Naturally, the text part of the column will continue to be done on the newer Atari 1040ST. We wouldn't want the Atari to feel left out now, would we?

PASSPORT TO WORLD BAND RADIO...

From the February-March 1989 issue of *Modern Maturity* (passed on to us by John Heaton of FL)... "Radiophiles with a taste for the exotic can expand their horizons with *Passport to World Band Radio*, a 416-page book that tells how to buy a world-band radio; which countries broadcast in English; and where and when to tune in to such faraway stations as Radio Tahiti, Radio Beijing, etc. Available in bookstores or from \$14.95 plus \$1.95 shipping and handling from the publisher: International Broadcasting Services, Ltd., Box 300S, Penn's Park, PA 18943."

DXER'S GUIDE TO LATIN AMERICA...1989 EDITION...

Fine Tuning is making this publication available for those of you interested in South and Central American shortwave stations. The 1989 edition includes Peruvian Maps, station photos, Don Moore's "DX Thank You Lab", Shortwave Broadcasting in Central America, and rare QSL's from the Committee to Preserve Radio Verifications (CPRV). The best part about the guide, however, is the up-to-date listing of all shortwave station from Central & South America. More than 400 stations are included. The stations are listed by country, then by frequency. Operating skeds and QSL info are also included. The book is over 50 pages in a 8.5 x 11" format and bound with a plastic spine. It's available for \$5.00 in North America, \$8.00 elsewhere...US funds only! (Include Airmail Postage). For your copy of this fine publication, write to:

FINE TUNING SPECIAL PUBLICATIONS  
RRT #5, Box 14  
Stillwater, OK 74074 U.S.A.

RAY BRIEM ON ABC TALKRADIO...

Cassette copies of the Ray Briem SW-DX spectacular broadcast on January 7, 1989 are now available. Two 90 minute cassettes containing the entire 3-hour program, recorded direct from satellite and condensed to remove commercials, can be ordered from Mike Pollock, P.O. Box 195, Syracuse, NY 13210 for \$7.95. Guests on this show included Stewart McKenzie, Steve Miller, Tom Kneitel, Larry Magne and George Jacobs. Also included is a special documentary, "NDXE: The Radio Station that Wasn't" with interviews of Nettie Robinson of WCSN, Joseph Costello of WRNO, and H. Dickson Norman of NDXE. (Editors note: We assume these tapes were produced with permission of ABC Radio)

FOR SALE...WANTED...WHATEVER <GRIN>...

Remember...no collect calls on these items please! And remember that ads will appear for 2 months consecutively unless we are otherwise notified!

FOR SALE: I have available 10:1 matching transformers as described in Fine Tunings Proceedings 1988. Perfect for matching Beverage antennas. Binding post inputs, 50-239 output. \$16.00 postpaid. Steven R. Lare, 824 W. 25th St., Holland, MI 49423.

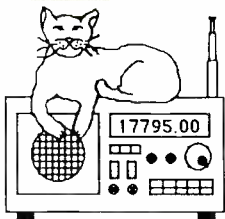
WANTED: ICF6500W, Panasonic RF-2200 in good condition. Call (912)228-1433. John Miller, 2620 Powell Dr., Thomasville, GA 31792

FOR SALE: Hammurland HQ-200 General Coverage SW receiver with built-in "Q" multiplier. Most tubes are brand new. Works great! \$100 includes UPS shipment. Contact Bob Thunberg at SPEEDX HQ's or call (814)371-7665.

WANTED: 1987 or 1988 Foreign Radio Amateur Callbook. Direct inquiries with price to Bob Thunberg at SPEEDX HQ's (see above ^).

FOR SALE: Yaesu FRG8800 complete with FRA7700 antenna tuner. Would like to sell for \$425. Frederick Perron, 555 Ft. Washington Ave., New York, NY 10033.

FOR SALE OR TRADE: Speedx's 1976-77-78 complete. 1983 (10 issues), 1984 (minus July), 1985 (minus September), 1986 (8 issues). Make an offer. Looking for January 1974 or before issues. Ed Janusz, Box 149, Bricktown, NJ 08723.



## DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

Hi. Hope everybody enjoyed the solar flare...isn't it a thrill when everything you hear sounds like Rare DX? With my new schedule, I haven't had much time for dial-turning, but there were a couple of nights I couldn't even hear RCI/RJapan from Sackville, and that's poor.

### THE SPEEDX ELECTIONS

Three terms on the SPEEDX Board of Directors will be coming up for expiration this year. Any Full Member can run for a seat on the Board, and here is how this is done.


First, find out whether or not you are a Full Member--if you have any doubts about this, contact John Trautschold.

Second, you have to get nominated. You can nominate yourself, or you can get someone to do this for you. Nominations should be in by 1 June.

Then begins the process of notifying all nominees and getting their campaign statements in to Bob Thunberg. These will appear in this column during the months of July and/or August, and should be no more than 150 words. Remember, all nominations and all campaign statements go to Bob Thunberg, Box 196, DuBois, PA 15801-0196.

Our democratic SPEEDX Constitution and system of self-governance helps maintain this as a friendly club for shortwave enthusiasts. It is both the privilege and the right of every Full Member to run for a seat on the Board.

### WH'OPPEN?

As I write this, I'm still hearing from SPEEDXers who got the 3/89 issue late, or who couldn't read it. Well, it wasn't an All-Star month. The USPS was so intrigued by the great USSR DX reported in Jason's March column that every postal worker between here and Torrance read the thing on the way...I guess that's what happened. Anyway, that  column, and "Speaking Technically..." both took 9 days to get here!

Incidentally, the consensus amongst SPEEDXers who have spoken or written to me seems to be that they'd rather have me publish the bulletin a few days later and have all (or at least most) of the columns on hand, rather than send out prompt but skinny issues. Therefore, I do wait an extra couple of days if I have to. Hope that's OK.

Anyway, getting used to a new job with a longer commuting time, plus the biggest snowstorm of the year happening right in the middle of Mail Week, threw me off schedule, too, accounting for a couple of extra lost days. Everything should be back to normal this month. I hope that you all enjoy the new typewriter ribbons that several of our columnists procured this time, too. Whatever production problems we had in March are attended to, and--I hope--corrected; though I won't know for sure until a couple of weeks from now, when I see the finished copies of this issue. Anyway, I apologize for the delays.

\*

I hope you enjoyed the ANARCON publicity which was offered in last month's DXM. Gentle reader, I know in my heart of hearts that you would have liked it even more had I remembered to mention when this exciting event is taking place. It's 14-16 July.

### A COMPARATIVE TEST OF HEADPHONES UNDERWATER, by Alain Pepin

Summer is almost here, and this means water sports for many of us, leaving the radio behind: An unthinkable situation to a hard-core DXer! That's why they came up with water-resistant radios.... I tried out my own WM-F45 using different kinds of headphones. I'm surprised I even got results, but here's how they fared.

SONY MDR-W15: The best sounding headphones underwater. They're actually louder during immersion! Less conspicuous than "Mickey Mouse ears," they do have drawbacks: They're light, and the split wire gets in your way.

A solution is to run the wire on your back and cover it with a shirt, a

B. C., or a P. F. D.

ROTEL RH-711: Great sound and fast flooding make these one of the best full size headphones tested. Get a Y-adaptor and let a buddy in on the action!

REALISTIC PRO-10: These had the highest buoyancy rating. They offer strong sound but only medium fidelity underwater. They float so much they'll take the receiver up with them before you can say "Beam me up, Scotty!" Best for on-board listening.

SOUNDESIGN 338: Nice sound, but volume really had to be pushed up under water. Depth and volume are always inversely proportional with full-sized headphones, and these give you a real blast when you surface.

\$2.50 SPECIAL: Personal-stereo headphones do work underwater, but I like the full size better because they hold better and because a strong coiled wire tangles less than a thin split wire. Also, I'm having a liquid-ation sale on good used ears, so now is a great time to buy! Have fun!

Next time: Matching the right antenna with the right buoy; how to prevent propellers from chopping your longwire; and fishing for QSL cards.

P. S. This bona fide article was written following actual experimentation under controlled conditions, and represents the views and opinions of the writer, who is among other things a certified open-water diver.

Globber blobble glub glub!

Same to you, eh?

Alain Pepin is editor of the excellent "Broadcast Band Column" for the CIDX MESSENGER, as well as a good friend of your editor's and living proof (as if more were needed) that DXers have interesting lifestyles, in general.

#### COLOMBIAN RADIO: AN EDITORIAL

I haven't added a lot of new catches to the logbook this winter, but it's been a great season for armchair Colombians: Caracol on 4755 and Reloj on 4945 have been real powerhouses and fine listening.

In October's SPEEDX, Carl Huffaker wrote about an electric news display in downtown Bogota, and how late-breaking news would bring business to a standstill: "Awareness of the rest of the world," he wrote, "was the thing that made a Colombian."

I've been thinking about that a lot lately. With the rampant drug trade and the guerrilla/civil war, Colombia has a terrible public image these days. I occasionally see letters in the local papers advocating a boycott of "legit" Colombian products (coffee, orchids), which doesn't make any sense to me--that's virtually asking honest farmers to get involved in the illegal stuff. But, if one were to read only US newspapers and watch US television, one would perhaps be forgiven for thinking that these were all horrible people.

Shortwave listeners know better. The overriding impression I get is that Colombian broadcasters--at least the ones we hear on 60 meters--take very seriously the responsibilities of civilization. The news is very professional-sounding and dignified, no matter what the network; and it is global in scope. Awareness of the rest of the world, it seems, is still part of the Colombian intellect. And Colombian radio--again, at least that which we can hear in the US--continues of offer quality programming. It's not audio wallpaper, it's not escapism, and it's not boogie-till-you-drop. It's a terrible situation--one in which the criminal elements seem to be able to do away with whatever political or legal figures get in their way--but the "legitimate" authorities are certainly not lacking in courage, and it seems to me that radio broadcasters are doing their part to at least maintain the best aspects of Colombian civilization, while hoping that a solution to the nation's massive problems can be found.

#### THAT STATEMENT IS INOPERATIVE AT THIS POINT IN TIME

Alain Ladd reports that the "Worldwide DXers' Pen-Pal Club" (c. f. DXM, 11/88) hasn't been answering his letters. At least his check wasn't cashed, which is a help, but you can scratch this one off your list for the time being.

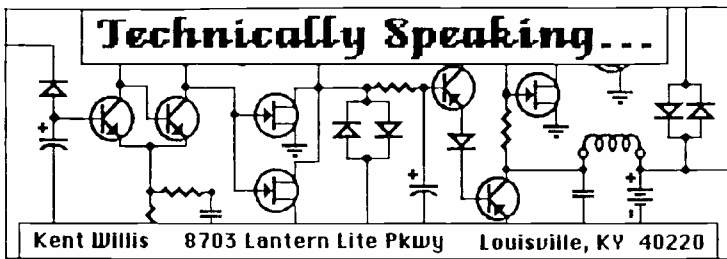
#### THE WRAP

A short column this month...not much time, not much room, and this type-writer is making some strange noises. It seems like a good time to quit.

Friends, you still have a month to vote in the SPEEDX Popularity Poll. The response has been better than last year, but I'd still like to make it more representative--and I could use some tiebreakers!

Check out Kol Israel for special programming on 19/20 April (Passover), 25/26 April (7th Day of Passover), and 1/2 May (Yom Hashoa). I've always enjoyed the shows KI has for the Jewish holidays and commemorative days.

73's and enjoy Baseball '89, Eddie



Welcome to "Technically Speaking...". I apologize for the extended margins I used last month. Some of you may not have been able to read the first sentence on page 14. It should have read: "Another important fact is that the degree of improvement obtained when using an external filter depends a great deal upon the receiver it is connected to".

I recently noticed that a newer version of the MFJ audio filter I said was "no longer available" is on the market. Universal Shortwave in Reynoldsburg, Ohio, offers the MFJ-752C as well as the two Datong filters I mentioned in last month's column. The MFJ model is comparable in performance to the Autek QF-1A, but it is about \$15.00 more expensive.

Several SPEEDX'ers have inquired about antenna tuners and preselectors. I am considering a "how to" article on construction of a simple passive antenna tuner. Also, a schematic of a "high-performance" 2-30 Mhz solid-state preselector I designed in school several years ago will also be available (it won't appear in this column) for those who are sufficiently motivated to build their own equipment. I will notify our readers when it becomes available; I have to turn a quagmire of circuit design hieroglyphics into something suitable for dissemination.

### Principles of Audio Filtering: Part 3. Filter Transfer Functions

At the end of last month's article I mentioned the four filter functions which are available in the Autek QF-1A, as well as most other available audio filters. Filters in general perform a single function: separation of the desired signal (information) from a group of signals. Audio filters allow us to select a particular frequency or frequencies from all the other signals present in the audio passband of our receiver.

Annoying heterodynes (the audible "beat-note" or "whistle" that results when two stations are sufficiently close together to combine mathematically (and electronically, of course) are probably the most frequent problems encountered by SWL'ers. If we were trying to monitor a CW (morse code) signal, we could not recover the transmitted information without production of this heterodyne. The audible note is created when the CW carrier signal of interest is combined electronically with another frequency that is a few kHz (or less) above or below the tuning frequency. This necessary signal is intentionally created by our receiver's BFO, or "beat frequency oscillator". When listening to an amplitude modulated shortwave broadcast transmission, this beat frequency is undesirably created as a consequence of the presence of another shortwave broadcaster on a frequency a few kHz away from the desired signal. Therefore, we can see that the same electronic process which allows us to receive a CW signal can make it almost impossible for us to decode an AM shortwave broadcast. Audio filters which have a "notch" capability are usually quite effective in reducing undesirable heterodynes, especially if we have some control over the location of the "center frequency" of the notch within the audio passband. We will have more to say about "center frequency" later.

Well, just how does a filter pass certain frequencies while rejecting all the others? We can't faithfully answer this question without a discussion of the descriptive artifice known as the "transfer function". We may even have to develop the concepts of the "poles and zeros" of the transfer function in order to provide the reader with insight into the behavior of an electronic filter. Remember the phrase "milk and meat"? Well, let's just hope you have good teeth (or at least your dentures stay in place-hi!) because this series is going to get a little involved. Filter analysis and design in general is one of the most complex subjects in all of electrical engineering. I am not an expert at filter design, I just have to do it everyday-hi!. My goal is to help SPEEDX'ers understand the theory without becoming so nebulous that the articles are not useful to every reader.

I can remember reading an article several years ago that appeared in a shortwave related hobby journal that supposedly "explained" how ALL filters accomplish their function, but the article was so full of mistakes it served no purpose except to confuse the readers. The major error was the explanation of the mechanism by which the undesired frequencies are rejected or removed by the filter circuit. The author stated that the "energy contained in the unwanted frequencies is converted entirely into heat and dissipated (removed) in the electrical resistances of the filter." While it is true that *some* energy is unavoidably lost in passive circuits as a consequence of the conversion of electronic motion into heat (as the current flows through a resistance), this is *not* the primary mechanism underlying rejection of undesired signal energy from the output as the signal passes through an ordinary filter. It is also true that there ARE filters which utilize the principle of energy dissipation to accomplish filtering; these filters are known as guess what?--dissipative filters!

However, most filters that we encounter in communication receivers perform their filtering by *reflection of stop band energy back toward the source*. Let's explain this further. With every filter we can describe its frequency response or behavior by specifying quantitatively several parameters. The first, and most important "number" is the *pass-band*; the range of frequencies which will pass through the filter with minimum attenuation. Frequencies outside of the range known as the pass-band are sometimes referred to as "stop-band" frequencies. These frequencies pass through the filter with varying degrees of attenuation. The degree of attenuation of these undesired frequencies depends on several things; most importantly is the *transfer function* of the filter. The transfer function is simply a concise mathematical description of the response of the filter. It is usually rendered as a ratio of two polynomials. Examination of this polynomial reveals a great deal about the how the filter will react to signal energy of various frequencies. We will have more to say about this later. The main concept we need to understand is that signal energy that arrives at the input of the filter which is outside of the range of the passband will not pass through the filter. This energy can not "disappear"; it must go somewhere, and this somewhere is back toward the source it came from. The energy is electrically reflected back to where it came from (unless of course it was "dissipated" in the filter itself as mentioned above).

In our next installment we will look at the other important filter parameters including gain, phase shift, topology and--aack!--poles and zeros! Hold on tight, we will try to make this excursion as painless as possible! My main goal is to make all SPEEDX'ers as a whole the most knowledgeable shortwave enthusiasts around. I'll do my part. The rest is up to you. Until next month, enjoy the aurora borealis!

73's and great DX,

KENT.

(7)



# C O N T I N U O U S T U N I N G

*Editor: Bruce MacGibbon  
2295 N. E. Juniper Ave.  
Gresham, OR 97030 USA*

APRIL 1989

Deadline is the 12th of the month

**AUSTRALIA** - If your favourite program has "disappeared" from its normal time slot or you can't receive RA on your usual frequency don't despair! Check this listing of revised broadcast time and frequencies operative from 6 March. The changes will be incorporated into an up-dated English Service Guide planned in May: Anything Goes: Friday 1730 Sun 0030 Mon 2230 Wed 0230; Along the Might Murray: Fri 2030 Sat 0530 Sun 1830 Wed 1530; Arts Roundabout: Sat 1930 Sun 0430 Mon 2330 Thu 1530; Australian Country Style: Sat 0130 Mon 0630, Tue 1030, Wed 2230 Thu 1730; Business Horizons: Thu 1230 Fri 0630 Sun 1930 Tue 0430 1713; Interaction: Sat 1030 Sun 2230 Wed 1230 Thu 0130 0630; International Country Music: Thu 2230 Sat 1230 Mon 0230 Tue 1730; Monitor: Sat 0430 Sun 2330 Mon 1530 Tue 0630 Fri 0130; Pacific Sunrise: Mon 0713 1513 1713 2113; Soundabout: Tue Thu Sat 1130 2130; This Australia: Sat 0930 1530 Mon 0130 Fri 1830; Try to Remember: Wed 0130 Thu 1930 Sun 1030 Tue 1530; Unsung Heroes & Heroines: Thu 1845 Fri 2330 Sun 0330 Tue 1230 Wed 0645; Window on Australia: Mon 0113 0533 1113 1430 2130 Tue to Fri 0113 0533 1113 1430 2113. Frequency update: 21740 finishes one hour earlier at 0630. There is no 1130-14 transmission. 17795 starts one hour earlier at 21. 17750 is also on-air 08-09. 15395 01-04 & 05-09. 15320 is extended to 06 and 15315 05-06 is deleted. 15180 transmission has been deleted. 15160 to Papua New Guinea now runs 21-0730. 15160 to New Caledonia and Vanuatu finishes one hour later at 08. (via RA's ELP Extra" via Keith Synnott, RA's Publicity Officer)

**AUSTRIA** - From April, R. Austria Int'l will broadcast to NA 05-06 on 6015 via Sackville, Canada. (Radio Nederland's Media Network via Feb 89 Australia Radio DX News)

**BULGARIA** - Radio Sofia - Dear Listener, In 1989 the PR of Bulgaria will mark the 45th Anniversary of the victory on 9/9/44 of the socialist revolution and the establishment of People's rule. In relation to this Radio Sofia, jointly with the National Council of the Fatherland Front of Bulgaria, is launching a contest among its listeners abroad on the following questions: 1. What do you know about the United anti-facist front in Bulgaria during the time of World War II? - How did it come to be? - Who were its outstanding leaders? - What role did it play in the establishment of People's rule in Bulgaria? II. What events and personalities do you relate to the international prestige of the foreign policy, science, culture and sports of the PR of Bulgaria? If you happen to have visited Bulgaria your impressions of the country, its people and their way of life will be highly appreciated. Our broadcasts over the contest period will seek to facilitate your efforts by providing ample information on the questions quoted above. Winning entries will be entitled to the following prizes: 1. Two one-week all-expenses paid visits to Bulgaria. II. Hand-made souvenirs from Bulgaria. Date for entries is set for September 19th, 1989. Wishing you the best of success and rewarding participation. Also from May 22nd through 31st, the city of Sofia will host the World Philatelic Exhibition Bulgaria 89 and the 58th Congress of the International Philatelic Federal (FIP). In relation to these events Radio Sofia is launching a Poll among its listeners abroad on the following questions: a. In 1989 it will be 110 years since the issue of the first Bulgarian postal stamps. What do you know about them? b. How many World Philatelic Exhibitions has Bulgaria played host to? c. Which was the first country to put postal stamps into circulation and when was that. All entries will be honored with a token set of Bulgarian stamps and the best ones, in terms of factual detail, will be eligible for an award of Filecase of Bulgarian stamps. Date for entries is May 31, 1989. We wish you the best of luck and rewarding participation. (Richard D'Angelo, PA and James Kline, CA)

**CHINA** - Radio Beijing to be relayed via Sackville from April to Sam 03-04 on 11845 and 04-05 on 5960 to NA. (Radio Nederland's Media Network via Feb 89 Australian DX News) The French Guiana Relay of R. Beijing EE is 04-05 on 11685NF ex 11695(bmm) 15540NF, 0033, R. Beijing, EE, W talking about Chinese marriages t/0036. 00040 Listeners Letterbox, but faded out about 0050 on 3/15. This NF apparently ex 9665 (bmm)



CHINA OR NON CHINA(?) -8300, \*1600, Flute IS, followed by W w/ID in CC translated to: New Star Broadcasting Station No. 4 then Pay Attention! Write down. Comrade 114, we received message. Please tell us the news you get. I have finished telling you the info which includes 35 words for Feb then into numbers 688, 638, etc. (bmm & with help from Eric Swedberg, OR, who had a Chinese friend literally translate it.)8375, back on 2/22 your Editor heard a W in CC @1504 repeating the same thing over and over to 1505\*(15-1505\*) but at 1603 W in CC repeating numbers to 1620\*. According to Eric Swedberg's Chinese Friend the W speaker is saying "Beijing Calling For Help." This may be a Clandestine. 9725, \*1600, New Star Station No. 3, CC, Flute IS, then ID "Here is the New Star Station No. 3" then Flute IS & W "During this time there is no telegram to you. Thank you for listening. I hope you are happy and healthy and see you again." This was followed by Flute music again and repeat of message t/1603\* on 2/28 (bmm & translated by Chinese friend of Eric, Swedberg, OR) but at 1500 this was a numbers station. (bmm)9725, 0845, New Star Station No. 3, CC, W w/numbers t/0850\*. Good signal on 3/6 & 3/7 heard from \*0829 and on 3/8 from 0803 tune in. (bmm) 15388, 1601, Flute IS, W w/CC ID but not clear enough for translation, announcement then Flute IS followed by numbers. Not //any of the above on 2/22 (bmm) 11430 is another New Star Station heard now also, and not in //. In all cases Taiwan accent.

FEDERAL REPUBLIC OF GERMANY - Radio Deutsche Welle has a slick new publication called "Tune In" replacing "Hallo Friends". Just received the March/April 89 issue: So via this issue is the EE Sked for DW: 01-0150 NA 15105, 11865, 9735, 9565, 6145, 6085, 6040; 02-0250 S. Asia 1548MW, 15235, 11945, 11835, 9690, 9615, 7285; 03-0350 NA 15205, 11810, 9605, 9545, 6130, 6085; 04-0450 E. Central & S.Afr 11765, 9765, 9565, 7225, 7150; 05-0550 NA 11705, 9700, 9670, 6130, 5960 & E. Central & S.Afr 11810; 06-0650 W.Afr 17875, 15185, 13790, 11765; 07-0750 E.Central & S.Afr 11810. Note: Shows no EE programs for this time period so New or this may be a mistake; 09-0950 Asia, Pacific & S.Asia 21680, 21650, 21600 E. Central & S. Afr, 17875 Pacific; 11-1150 W.Afr 21600, 17800, 17765, 15410; 15-1550 E.Central & S. Afr 21600, 17810, 11965, 9735; 16-1650 S.Asia 1548 MW, 21680, 17825, 15595, 15105, 7225, 6170; 19-1950 W.Afr 21600, 17810, 15390, 13790, 11785; 21-2159 15435 Asia Pacific, 11785 Pacific, 9765 Asia, Pacific & S. Asia; 9670 Pacific.

GUAM -KSDA Final Operating Sked 01 3/26 to 01 5/7: 9495 20-21; 11700 02-10; 11980\* 09-17; 13720 10-17; 15125 22-02; 15190 20-22; 15225 21-02; 17855 07-09; 17865 02-07. \* = Out-of-band operation on a non-interference basis. (via George Jacobs & Associates, Inc.)

INDIA -Via DX Grapevine Edition 32 dated 2/23 Edited/Published by Mansoij Guha, Jamshedpur, India: Effective 1 Jan 89, the EE GOS to UK/Eur has been bifurcated to make room for a new Hindi Service for "the workers & settlers in W Europe"(sic). So now the sch reads: 1845-1945 EE GOS, 1945-2045 Hindi & 2045-2230 EE GOS on 11620, 9910(2000-) 7412. Strangely 11620 began carrying the Hindi Service from 2nd Jan. The 0845-0915 Hindi Service to SE Asia has been dropped (virtually no mail response), but the Indonesian service continues 0915-0945 on 15175, 17740.

INTERNATIONAL WATERS - The signal reported on 6215 is not Lebanon but is World Mission Radio, Box 346 Corona, CA 91719 via Radio Caroline. See Lebanon! (Contributors name unreadable)

IRAQ - 9515, \*0224, R. Baghdad, ID "This is Radio Baghdad, the broadcasting service of the Iraqi Republic" freqs and times, music and more IDs. News by W @0229//11880NF heard clearer but weaker 3/13 (Virgil Carlson, WA)

ISRAEL -Kol Israel EE Sked 3/5-4/30 when DST goes into effect in Israel: 05-0515 NA & W. Eur 15640, 12077, 11585, Australasia 17630. Alternate Freq: 15650; 11-1130 W Eur 21760, 17575, 11585, Australasia 15650. Alternate Freq: 17590; 18-1815 Eur 11585, 11655; 20-2030 W Eur & NA 15640, 15095, Africa 12077; 2230-23 NA & W Eur 17575, 15640, 12077; LAm 17575, 15640; 0000-0030, 01-0125, 15640, 15615, 11605; 02-0225 15615, 12077, 11605. (As announced on Kol Israel's DX Corner on 2/26) Kol Israel Reshet Bhet Sked to 4/30 when DST goes into effect in Israel as announced on 3/6: \*04-0610 17545, 15615; 0610-12 21625, 17545; 12-1630 21625, 17590, 17545, 11585; 1630-18 21625, 17545; 1830-2310\* 17545, 15615, 11585, 11655.

ITALY -RAI Sked to May 89: Great Britain: 1935-1955 9575, 7290, 7275; Mediterranean Area: 0425-0440 7275, 5990; Near East 2025-2045 9575, 6165; S.Asia: 0350-0410 9710, 15330, 11905; Japan: 22-2225 9710, 5990; NA: 01-0120 11800, 9575. (Peter Card, RI)

JAPAN -Radio Japan Broadcast Sked 4/3-5/6: Regional Service: AA: ME & N Afr 1830-19 11800; Burmese: SE Asia 1130-12 15300, 17820; Bengali: S.Asia 15-1530 9535, 15410; CC: Asia Cont 1130-1230 7210, 9580; SE Asia 1230-1330 15300; Asia Cont & SE Asia 1445-1545 7210, 9580, 11840; EE: NA 01-0130 17880; N,Cent & SAm 03-0330 15195, 17825, 21610; CAM 03-0330 15325 via

French Guiana; Oceania 09-10 15270, 17890; FF: Eur 0630-0730 21690 via Gabon, 15325; ME & NafR 19-1930 11800, Eur 2030-21 11800; GG: Eur 06-0630 21690 via Gabon, 15325, 20-2030 11800; Hindi: S.Asia 1530-16 9535, 15410; Italian: Eur 0545-06 21690 via Gabon, 15325; 2115-2130 11800; INDO: SE Asia 1015-1115 15300, 17820, 23-0000 15350, 17880; JJ: N,C&SAM 02-03 15195, 17825, 21610; KK: Asia Cont 1030-1130 7210, 9580, 1330-1430 6080, 7210; Malay: SE Asia 12-1230 15300, 17820; PP: SAM 09-0930 9675 via French Guiana, 11875; RR: Eur 05-0530 21690 via Gabon, 15325, Asia Cont 1230-13 7210, 9580; Swedish: Eur 0530-0545 21690 via Gabon, 15325, 21-2115 11800; SS: Cam 0330-04 15325 via French Guiana; SAM 0330-04 15350 via French Guiana; C&SAM 0330-04 15195, 17825, 21610; SAM 0930-10 21635 via Gabon, 11875; Swahili: EafR 1630-17 9535, 15410; Thai: SE Asia 1330-14 15270, 15300, 17810; Urdu: SAsia 16-1630 9535, 15410; VV: SE Asia 14-1430 15270, 15300, 17810, 2230-23 15350, 17880. General Service: SE Asia: 00-0030 JJ 17810, 15230; 01-02 EE, 02-03 JJ, 03-04 EE, 04-05 JJ, 05-06 EE, 06-07 JJ, 07-08 EE, 08-09 JJ, 09-10 EE on 17810; 10-11 JJ, 11-12 EE, 12-14 JJ, 14-16 EE, 16-17 JJ, 17-18 EE on 11815 & 16-17 JJ on 17810, 15140, 21-2130 EE 17810, 15230; 23-0000 17810, 15230; Asian Continent: 0000-0030 JJ 15230, 11815; 01-02 EE, 02-03 JJ, 03-04 17835, 17765; 04-05 JJ, 05-06 EE, 06-07 JJ, 07-08 EE, 08-09 JJ on 17765; 10-11 JJ, 11-12 EE, 12-13 JJ on 11840; 16-17 JJ, 17-18 EE on 9695; 20-2030 JJ, 21-2130 EE on 11815; 22-23 JJ, 23-0000 EE on 15195, 11815; S.Asia: 0000-0030 JJ, 01-02 EE, 02-03 JJ on 17845; 17-18 EE, 18-19 JJ on 9535; North America: 01-02 EE, 02-03 JJ on 5960 via Sackville, Canada; 04-05 JJ, 05-06 EE, 06-07 JJ on 17825, 15195; 10-11 JJ, 11-12 EE on 6120 via Sackville, Canada; 12-14 JJ, 14-16 EE on 9505; 16-17 JJ on 11705, 9505; 17-18 EE, 18-19 JJ, 19-1930 EE on 9505; 20-21 JJ on 15300; Central America: 02-03 JJ on 15325 via French Guiana; South America: 0000-0030 JJ on 21635 via Gabon; 02-03 JJ on 15350 via French Guiana; 08-09 JJ on 15390 & 9675 via French Guiana; 10-11 JJ on 21635 via Gabon; 22-23 JJ on 9685 via French Guiana; Oceania: 05-06 EE, 06-07 JJ, 07-08 EE, 08-09 JJ on 15270; 18-19 JJ on 11850; 19-1930 EE, 20-2030 JJ on 15270, 11850; 21-2130 EE 17890, 15270; Europe, ME & Africa: -3-04 EE, 04-0430 JJ on 9645(S.Afr) via Gabon; 07-08 EE on 21695 (ME, etc) via Gabon & 15325; 08-0830 JJ on 21695 (ME, etc) via Gabon; 08-09 JJ on 21640 (Eur, etc) via Gabon & 15325; 15-16 EE, 16-17 JJ on 21700 (ME, etc) via Gabon; 21-2130 EE from 4/1 EE on 11845 (Eur, etc) via Gabon; 22-23 JJ, 23-0000 on 11800 (Eur, etc) via Gabon. (Direct)

**KOREA** - Radio Korea - Here is some information about the subject of discussion for our Friday show, Listeners Forum. In this weekly discussion program, we choose a specific topic and ask listeners of Radio Korea to present their own views and opinions about it. For the first two editions of April, 4/7 and 4/14, How you try to maintain good health. 4/21 & 28th - How your respective country is dealing with problems of the polluted natural environment. 5/5 & 12th - Parenthood. 5/19 & 5/26 - Comments about one of the most impressive teachers you've had in your life. You may also talk about a person who had had a great influence on you. Please send your comments in a letter or a cassette recording to the Listeners Forum, English Service of Radio Korea, KBS, Seoul, Korea. (via letter from Han Hee Joo, Chief, English Service to Peggy Thompson, CA)

**LEBANON** - Via a New SPEEDX member whose name I cannot read. Note: Please get in touch so I can give you proper credit! King of Hope Sked: 03-06 6280 AA to ME; 06-10 EE to ME; 10-1430 AA to ME; 1430-16 EE to ME/India; 16-1945 RR, Ukrainian to ME/USSR/Eur & Tagalog 16 Sat, Greek 1930 Sat, Serbo Croatian 1930 Sun; 1945-20 FF, Swedish (Sat) to Eur, Hungarian (Sun), Azerbaijani (1945 Sat); 20-023 EE to Eur.

**MONGOLIA** - 15305, \*1445, R. Ulan Bator, IS, ID, Freqs and Broadcast times, ID, News by W on 3/9. and notes have only heard this station once on 11870 \*1940 since 12/15. (Virgil Carlso, WA)

**NETHERLANDS** -R. Nederlands Pub EE Sked 3/26-9/24: 0030 ECNA B15315, B6165, F6020; 0330 WCNA B9715, B6165; 0430 ME/EafR F13700, F9895; 0730 New Zealand B9715, B9630; 0830 New Zealand B9770 (not Sundays!); 0830 SE Asia M21485, M17575; 1030 Australia/Caribbean B9675, B6020; 1130 SE Asia F21615, M21480, M17575, 1130 Eur F9715, F5955; 1430 SW Asia/Eur F17605, M17575, M15150, F13770, F5955; 1630 S/EafR M15570, M6020; 1830 S/CAfr B21685, B17605, M15560, M6020; 2030 WafR F15560, F13700, F9680. F - Flevoland, The Netherlands, B-Bonaire Relay Station, Caribbean, M-Madagascar Relay Station, Africa. Wednesday: There has been a change to the Wednesday line-up for listeners in Asia. The Asiancan programme is now only broadcast on Fridays, and on Wednesdays a special 14 minute Asia Newsline is broadcast. This means that listeners in Asia can now hear the documentaries running in other EE language transmissions too. (Direct)

**NORTHERN CYPRUS** - Bayrak Radio (The Voice of the Turkish Republic of Northern Cyprus) finally verified after a 1978 report. Heard back in

August, September 1978 on 6282 variable once at 0324 s/on. Heard back in Ontario. Then I saw they counted as a separate country - so I filled out another report and a verie in month for a registered report. Sent back their QSL Card, 2 PPC and nice verie letter plus complete schedule. Sked is 1494 khz 200 Meters MW,. 6150 SW and on 87.8, 98.1 and 105 Mhz VHF Stereo @10-22. (Current Program Sked to long to print here) (via Ed Kusalik, Coledale, Alberta)

NORTHERN MARIANAS -KYOI Final Operating Sked M-89 01 3/26 to 01 5/7: 10-22 9455; 22-02 15405; 02-08 17780; 08-16 11900. All to Japan. (via George Jacobs & Associates, Inc.)

NORWAY - RNI Freq Change @0000 11840NF ex 11850 noted on 3/12 (bmm)

PORTUGAL -Program Sked: Mon-Fri. Mon: News, Sun and Sea (Tourism); Tue: News, Our Choice of Music; Wed: News, Sun and Sea; Thu: News, Cultural and Current Events; Fri: News, Mailbag (alternating with DX, Philately) (Betsy Robinson, TN)

SINGAPORE - Via Lim Kong Jin, Penang, Malaysia. - The Singapore Broadcasting Corporation is now sending out questionnaires in their bid to improve reception overseas. To help them with this, you may request the questionnaire from: SBC, PO Box 60, Farrer Road, Singapore 9128, or direct from their EE service: PO Box 42 Ferrer Road, Singapore 9128. They're currently in EE on 11940/5052 at 22-1605 (Sun-Thurs) and to 18 on Fris and Sats and eve of public holidays. The other unlisted freq in their schedule, 5010 works on from 22-01, 10-16 daily.

SPAIN -Spanish National Radio to NA in EE @0000, 01, 05 on 15110NF & 9630 as announced on 3/5 (bmm)

SWEDEN -Radio Sweden's Pub EE Sked from 3/26-9/3: 01-0130 SAsia 9640H2, 11705H1; 03-0330 NA 9695H2, 11705H1; 1230-13 SAsia & Austral 17815K & 21610 Austral & NZ; 14-1430 SAsia & Austral 17815K & 21610H2 Austral & NZ; 1530-16 SAsia & Austral 17815K & 17880H1 & 21610H2 NA; 17-1730 Eur 6065K & 9615H1; 21-2130 Eur 11705H2, 9655H1. H1 = Horby 1, H2 = Horby 2 & K = Karlborg. (Direct)

UNITED KINGDOM - BBC World Service has a new series beginning in April called Life Along the Line in South America: Sats 4/1, 8, 15, 22 0130 rep 1115, 2115. (April London Calling via Woody Seymour, Jr., NC) Other programs of interest via April's London Calling- Holy Wars - Fris 14th and 21st 0730 rep 1215, Sats 2130. Leaders & Leadership -Suns from 2nd 1401 rep 2330, Mons 0630, 1001. Russia -The Drive to Empire -Suns from 4/2,7,16,23,30 1615 rep Mons 0730, 1330. Who Was Hitler? - Sun 16th 1915 rep Mon 0101, 1515. Opera of the Week -New Series! - Sats from 22nd 1901 rep Mons 0101, 1515.

UNITED STATES -World Wide Christian Radio update as per conversation with General Manager George McClintok on 2/24: Antenna will be laid out 1st week of March. Transmitter to be delivered on 4/3 and to be tested 2nd week of April. On air date 5/1 hopefully. Programming will consist of "New Testament Readings" in EE, FF, GG, AA, SS. Also a "Live Call In". Also said they've had a strong request for Mexican programming as heard 'No religious broadcasting allowed on air in Mexico'. Still expects to use 15690 & 7520. Said he was told by WHRI that they would ease off on 7520 when World Wide Christian Radio comes on the air. (bmm) KUSW Final Operating Sked M-89 01 3/26 to 01 5/7: 6135 07-11; 6175 05-07; 9850 @ 11-16; 11695 @ 01-05; 15650 16-22; 15580 @ 22-01. @ Out-of-band operation on non-interference basis. KVOH Final Operating Sked M-89 01 3/26-5/7: 11960 04-08; 13695\* 01-04; 17775 12-01. \* = Out-of-band operation on non-interference basis. WCSN Final Operating Sked M-89 01 3/26 to 01 5/7: 14-16 Eur 15580; 16-18 S.Afr, 18-20 E.Afr on 21640; 20-22 Eur 15390; 22-24 W.Afr 15300; 0000-02 W.Afr 9850; 02-04 E.Afr 9850; 04-06 S.Afr 9870; 06-08 Eur 9870. 08-14 Off-Air. (via George Jacobs & Associates, Inc.) WHRI Final Operating Sked M-89 01 3/26 to 01 5/7: 7355\* 08-11; 7365\* 0000-02; 7405\* 02-06; 9465\* 11-15; 9495\* 0000-08; 9620 06-08; 11790 11-15; 13760\* 17-24; 15105 14-18; 17830 18-0000; 21480\* 15-17. \* = Out-of-band operation on non-interference basis. (via George Jacobs & Associates, Inc.) WRNO Worldwide New Orleans, LA Operating Sked M-89 01 4/2 to 01 5/7: 15-17 11965; 17-21 15420; 21-24 13720; 0000-03 7355; 03-06 6185; 06-12\* 6185; 12-14\* 9715; 14-15\* 11965; 23-24\*\* 7355. \* = Sunday only; \*\* = Occasional use. (Via George Jacobs & Associates, Inc.) WSHB, Cypress Creek, South Carolina Final Freq Sked M-89 01 3/26 to 01 5/7: 9455\* 02-12; 9465\* 0000-02; 9495\* 10-14, 11930 12-14; 11980\* 06-08; 13760\* 0000-06, 14-16; 15205 22-24; 17555\* 14-16, 20-24; 21640 20-22. \* = Out-of-band operation on non-interference basis. (via George Jacobs & Associates, Inc.)

U.S.S.R. -Radiostansiya Tikhyy Okean monitored freqs at \*0815 on 3/6: 13665, 12070, 12050, 12010, 11860, 11840, 11815, 11710, 9810, 9780, 9635, 9580, 7210, 4485 (bmm) That's it for this month. Hope your enjoying this column as well as the other fine column's in SPEEDX! 73's, Bruce



# What's On...

ENGLISH BROADCAST TO NORTH AMERICA produced by Daniel Sampson

**NEW & IMPROVED & NOW WITH RELAY SITE INFORMATION**

UTC Time	Station	Notes	Frequencies
0000-0030	BBC, U.K.	---	12095; 9915; 9590S; 7325; 6175S
0000-0030	kol Israel	---	15640; 15615; 11605
0000-0030	R. Korea, S. Korea	---	15575
0000-0030	R. Norway Int'l	M	11850
0000-0030	RBI, G.D.R.	---	11890; 6080
0000-0050	R. Pyongyang, N.K.	---	15160; 15115
0000-0100	KUSV, U.S.A.	---	15580
0000-0100	R. Beijing, China	---	15455; 11715M1; 9770M1; 9665
0000-0100	R. Moscow, U.S.S.R.	NAm svce	17720; 17700; 17605; 15425; 15405; 12050; 11750; 11735; 9720Bu; 9685; 9605; 7440; 7310; 7215; 6115; 6045Cu
0000-0100	VHRI, U.S.A.	---	11770; 9495
0000-0100	WYFR, U.S.A.	---	17612.5; 9680; 9660
0000-0130	R. Canada Int'l	Tu-Sa	9755; 5960
0000-0200	R. Australia	---	17795; 15320
0000-0200	R. Canada Int'l	Su-M	9755; 5960
0000-0200	R. Havana Cuba	---	9655
0000-0200	RBE, Spain	---	15110; 9630
0000-0200	WSHB, U.S.A.	---	13760; 11980
0000-0400	WRNO, U.S.A.	---	7355
0000-0610	CBCNQSWS, Canada	not all EE	9625; 6195
0000-2400	CFCX, Canada	---	6005
0000-2400	CFRX, Canada	---	6070
0000-2400	CFVP, Canada	---	6030
0000-2400	CHNX, Canada	---	6130
0000-2400	CKFX, Canada	---	6080
0030-0100	R. Austria Int'l	---	9875
0030-0100	R. Budapest, Hung.	---	15160; 11910; 9835; 9585; 9520; 6110
0030-0125	R. Netherland	---	15315B; 6165B; 6020
0030-0130	HCJB, Ecuador	---	15250
0030-0230	BBC, U.K.	---	12095; 9915; 9590By; 7325; 6175S
0035-0300	HCJB, Ecuador	---	15155; 11775; 9720
0045-0100	R. Korea, S. Korea	---	15575; 7275
0050-0110	Vatican R.	---	11780; 9605; 6150
0100-0120	RAI, Italy	---	11800; 9575
0100-0125	kol Israel	---	15640; 15615; 11605
0100-0130	R. Austria Int'l	Su	9875
0100-0130	R. Japan	Reg svce	17880
0100-0145	R. Yugoslavia	---	11735; 9620
0100-0145	RBI, G.D.R.	---	11890; 6080
0100-0150	DW, F.R.G.	---	15105; 11865Ma; 9735Ma; 9565Mt; 6145; 6085Ma; 6040An
0100-0157	R. Prague, Czech.	---	11990; 9625; 9540; 7345; 6055; 5930
0100-0200	R. Moscow, U.S.S.R.	NAm svce	17720; 17700; 17605; 15425; 15405; 12050; 11750; 11735; 9720Bu; 9700Bu; 9685; 9605; 7440; 7310; 7215; 6115; 6045Cu
0100-0200	VHRI, U.S.A.	---	9495
0100-0200	WYFR, U.S.A.	---	15440; 5950
0100-0300	KUSV, U.S.A.	---	11695
0130-0140	V. of Greece	---	11645; 9420; 7430
0130-0145	R. Budapest, Hung.	Tu-W, F-Sa	15160; 11910; 9835; 9585; 9520; 6110
0145-0230	RBI, G.D.R.	---	11890; 11785; 9620; 6080
0200-0225	kol Israel	---	15615; 12077; 11605
0200-0230	R. Kiev, U.S.S.R.	---	15455; 15180; 13645; 9765; 7400; 7335; 7165
0200-0230	SRI, Switzerland	---	17730Br; 12035; 9885; 9725; 6135; 6095
0200-0250	R. Nacional, Brazil	---	11745
0200-0300	R. Argentina Ext.	---	11710; 9690
0200-0300	R. Bucharest, Rom.	---	11940; 11830; 9570; 9510; 6155; 5990
0200-0300	R. Moscow, U.S.S.R.	NAm svce	17720; 17700; 17605; 15425; 15405; 12050; 11750; 11735; 9720Bu; 9700Bu; 9685; 9605; 7440; 7310; 7215; 6115; 6045Cu
0200-0300	R. RSA, S. Afr.	---	11730; 9615; 9580
0200-0300	VOFC, Taiwan	---	9680Wy; 5985Wy
0200-0330	R. Cairo, Egypt	---	9675; 9475

0200-0400	R. Australia	---	17795
0200-0400	R. Havana Cuba	---	9655; 6140
0200-0400	WSHB, U.S.A.	---	13760; 9745
0200-0600	WHRI, U.S.A.	---	7405
0200-0600	WYFR, U.S.A.	---	9505; 5950
0230-0255	R. Finland	---	11755; 9635
0230-0300	BBC, U.K.	---	12095; 9915; 9660By; 7325; 6175S
0230-0300	R. Portugal	Tu-Sa	11840; 9705; 9680; 9635; 9600
0230-0300	R. Sweden	---	11705; 9695
0230-0300	R. Tirana, Albania	---	11825; 9760
0230-0430	R. Baghdad, Iraq	---	9515
0245-0300	R. Korea, S.Korea	---	15575; 9640
0250-0300	R. Yerevan, U.S.S.R.	---	15455; 15180; 13645
0300-0330	BBC, U.K.	---	12095; 9915; 9660By; 7325; 6175S; 5975An
0300-0330	R. Japan	Reg svce	21610; 17825; 15325Gu; 11870
0300-0345	RBI, G.D.R.	---	11785; 9620
0300-0350	DW, F.R.G.	---	15205; 11810; 9605Ma; 9545Mt; 6130; 6085S
0300-0357	R. Prague, Czech.	---	11990; 9625; 9540; 7345; 6055; 5930
0300-0400	R. Beijing, China	---	15455; 15290; 15180; 11715M1; 9770M1; 9690Sp; 9675
0300-0400	R. Earth, U.S.A.	Tu	7405
0300-0400	R. Japan	Gen svce	5960S
0300-0400	R. Moscow, U.S.S.R.	NAm svce	17720; 17700; 15425; 15405; 12050; 11735; 9720; 9700Bu; 9685; 9605; 7310; 7215; 6115; 6045Cu
0300-0400	R. Nicaragua	Tu-Sa	6100
0300-0400	R. Sofia, Bulgaria	---	7115
0300-0400	TWR-Bonaire, N.Ant.	Tu-Sa	9535
0300-0400	VOFC, Taiwan	---	9680Wy; 5985Wy
0300-0500	HCJB, Ecuador	---	15115; 11775; 9720
0300-0500	KUSW, U.S.A.	---	11695 (alt. 9815)
0300-0530	TWR-Bonaire, N.Ant.	Su-M	11930; 9535
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Mar 28, Mar 31, May 2, May 5, May 30, Jun 2, Jun 27, Jun 30 6150
0310-0330	Vatican R.	---	6150
0330-0400	R. Dubai, U.A.E.	---	17775; 15435; 11940
0330-0400	R. Tirana, Albania	---	11825; 9760
0330-0425	R. Netherland	---	9590B; 6165B
0330-0430	BBC, U.K.	---	9915; 5975An
0340-0350	V. of Greece	---	9420; 9395; 7430
0345-0430	RBI, G.D.R.	---	11785; 9620
0400-0430	R. Austria Int'l	Su-M	6015
0400-0430	R. Bucharest, Rom.	---	11940; 11830; 9570; 9510; 6155; 5990
0400-0430	R. Norway Int'l	M	9650
0400-0430	SRI, Switzerland	---	12035; 9885; 9725; 6135
0400-0450	R. Havana Cuba	---	9655; 6140; 6035
0400-0450	V. of Turkey	---	9445
0400-0500	R. Argentina Ext.	---	11710; 9690
0400-0500	R. Beijing, China	---	15290; 15180; 11980; 11685Gu; 9675; 5960S
0400-0500	R. Moscow, U.S.S.R.	NAm svce	17720; 17665; 17605; 15455; 15425; 15405; 15240; 12050; 11770; 7185; 7175
0400-0600	WRNO, U.S.A.	---	6185
0400-0800	WSHB, U.S.A.	---	9455; 6005
0430-0500	R. Austria Int'l	---	6015
0430-0500	R. Tirana, Albania	---	11835; 9480
0430-0530	BBC, U.K.	---	9915; 9510An; 5975An
0450-0500	R. Havana Cuba	---	9655; 6035
0500-0515	kol Israel	---	15640; 12077; 11585; alt. 15650
0500-0530	R. Norway Int'l	---	15175
0500-0550	DW, F.R.G.	---	11810; 11705; 9700; 9670; 6130; 5960
0500-0600	R. Austria Int'l	---	6015S
0500-0600	R. Beijing, China	---	9770; 9690
0500-0600	R. Havana Cuba	---	11760; 9655; 6035
0500-0600	R. Japan	Gen svce	11870; 5990
0500-0600	R. Moscow, U.S.S.R.	NAm svce	17665; 15455; 15425; 15405; 15240; 13665; 12050; 12010; 11770; 7185; 7175; 5905
0500-0600	REE, Spain	---	15110; 9630
0500-0700	HCJB, Ecuador	---	11775; 9720; 6230
0500-0700	KUSW, U.S.A.	Su	6175
0530-0545	BBC, U.K.	---	9510An; 5975An
0545-0730	BBC, U.K.	---	9640An; 5975An
0600-0700	R. Havana Cuba	---	11760
0600-0700	R. Korea, S.Korea	---	9570; 6060

0600-0700	R. Moscow, U.S.S.R.	NAm svce	15455; 15240; 13665; 12050; 12010; 11860; 11770; 11710; 9580; 7185; 7175; 5905
0600-0800	VHRI, U.S.A.	---	9495
0600-0800	WYFR, U.S.A.	---	6065; 5950
0600-1200	WRNO, U.S.A.	Su	6185
0700-0800	R. Moscow, U.S.S.R.	NAm svce	15240; 13665; 12050; 12010; 11860; 11770; 11710; 9580; 7185; 7175; 5905
0700-0800	VOFC, Taiwan	---	5985Vv
0700-1100	KUSV, U.S.A.	Su	6135
0730-0815	BBC, U.K.	---	9640F
0800-1100	VHRI, U.S.A.	---	7355
0800-1130	R. Australia	---	9580
0900-0945	RBI, G.D.R.	---	11890
1000-1200	WSHB, U.S.A.	---	9495; 6150
1100-1125	R. Finland	M-F	15400; 11945
1100-1130	R. Austria Int'l	Su	15450
1100-1150	R. Pyongyang, N.K.	---	11735; 9977; 9600
1100-1200	R. Beijing, China	---	9665
1100-1200	R. Japan	Gen svce	6120S
1100-1200	R. Moscow, U.S.S.R.	Wld svce	17810; 15475; 15225Bu; 6000Cu
1100-1330	BBC, U.K.	---	11775An; 9740F; 9515S
1100-1400	KUSV, U.S.A.	Su	6130
1100-1500	VHRI, U.S.A.	---	11790
1110-1255	TWR-Bonaire, N.Ant.	M-F	11815
1110-1352	TWR-Bonaire, N.Ant.	Su	11815
1110-1405	TWR-Bonaire, N.Ant.	Sa	15345; 11815
1130-1200	HCJB, Ecuador	---	11740
1130-1400	R. Australia	---	9580; 6060
1200-1225	R. Finland	M-F	15400; 11945
1200-1300	R. Beijing, China	---	17710Mi; 15110Mi; 9665
1200-1300	R. Moscow, U.S.S.R.	Wld svce	17810; 15475; 15225Bu; 6000Cu
1200-1300	WYFR, U.S.A.	---	15375; 5950
1200-1400	CBCNQSW, Canada	not all EE	9625; 6065
1200-1400	WCSN, U.S.A.	---	5980
1200-1400	WSHB, U.S.A.	---	13760; 6150
1200-1430	WRNO, U.S.A.	Su	9715
1200-1600	HCJB, Ecuador	---	17890; 15115; 11740
1230-1300	R. Austria Int'l	---	15450
1235-1245	V. of Greece	---	17565; 15630; 11645
1245-1310	R. France Int'l	---	17720; 15365
1300-1325	R. Finland	M-F	15400; 11945
1300-1330	R. Norway Int'l	Su	21705
1300-1330	R. Yugoslavia	---	15325
1300-1350	R. Pyongyang, N.K.	---	11735; 11335; 9600
1300-1400	R. Canada Int'l	M-F	11855; 9635
1300-1400	R. Finland	Sa-Su	15400; 11945
1300-1400	R. Moscow, U.S.S.R.	Wld svce	17810; 15475; 15225Bu; 11840Cu
1300-1600	WYFR, U.S.A.	---	15375; 13695; 11830; 5950
1330-1345	BBC, U.K.	Su	11775An; 9515S
1330-1355	BRT, Belgium	M-Sa	17560
1330-1600	BBC, U.K.	---	9740F
1400-1430	R. Norway Int'l	Su	21705
1400-1430	R. Sweden	---	21615; 15345
1400-1500	R. Australia	---	9580
1400-1500	R. Beijing, China	---	15165; 11600; 7405
1400-1500	R. Korea, S.Korea	---	15575; 9750
1400-1500	R. Moscow, U.S.S.R.	Wld svce	17810; 15475; 15225Bu; 11840Cu; 7345; 7300; 7265; 7160; 5905
1400-1600	KUSV, U.S.A.	Su	9850
1400-1600	R. RSA, S. Afr.	---	21670
1400-1600	WSHB, U.S.A.	---	17640; 17555; 11580
1400-1700	R. Canada Int'l	Su	11955
1400-2330	CBCNQSW, Canada	not all EE	11720; 9625
1500-1600	BBC, U.K.	Sa-Su	15260S; 11775An
1500-1600	R. Beijing, China	---	7405
1500-1600	R. Japan	Gen svce	9505
1500-1600	R. Moscow, U.S.S.R.	Wld svce	17810; 15475; 11840Cu; 7345; 7300; 7265; 7160; 5905
1500-1700	WRNO, U.S.A.	Su	11965
1500-1800	VHRI, U.S.A.	---	15105
1535-1545	V. of Greece	---	17565; 15630; 11645
1600-1615	BBC, U.K.	---	15260S; 11775An; 9740F
1600-1630	HCJB, Ecuador	---	17890; 15115

1600-1630	R. Norway Int'l	Su	21705
1600-1700	R. Moscow, U.S.S.R.	Wld svce	15475; 11840Cu; 9875; 9825; 7345; 7300; 7265; 7160; 5905
1600-2200	KUSV, U.S.A.	---	15650
1600-2300	VYFR, U.S.A.	---	15375; 15170; 13695; 11830
1615-1745	BBC, U.K.	---	15260S; 11775An
1645-1800	KCBI, U.S.A.	Su	11735
1700-1730	R. Norway Int'l	Su	21705
1700-1800	R. Japan	Gen svce	11705; 9505
1700-1800	R. Moscow, U.S.S.R.	Wld svce	12050; 12010; 11840Cu; 9875; 9825; 9640; 7265; 7150
1700-2100	WRNO, U.S.A.	---	15420
1800-1900	R. Moscow, U.S.S.R.	Wld svce	12050; 12010; 11840Cu; 9875; 9825; 9765; 9640; 9580; 7265; 7150
1800-2100	KCBI, U.S.A.	---	11735
1800-2100	R. Kuwait	---	11665
1800-2300	WHRI, U.S.A.	---	17830
1900-1930	R. Afghanistan	---	9635; 6020; 4760
1900-1930	R. Japan	Gen svce	11705; 9505
1900-2000	R. Moscow, U.S.S.R.	Wld svce	13605; 12050; 12010; 11840Cu; 9875; 9825; 9765; 9640; 9580; 7150
2000-2030	kol Israel	---	15640; 15095
2000-2030	R. Norway Int'l	Su	15310
2000-2100	R. Moscow, U.S.S.R.	Wld svce	15405; 13605; 12050; 12010; 11840Cu; 9875; 9850; 9825; 9765; 9640; 7150
2000-2200	WSHB, U.S.A.	---	17750; 17555; 15225
2005-2105	R. Damascus, Syria	---	15095
2030-2100	R. Sofia, Bulgaria	---	11720; 9700; 7115
2100-2125	BRT, Belgium	---	9925
2100-2145	RBI, G.D.R.	---	9730
2100-2200	R. Moscow, U.S.S.R.	Wld svce	17700; 15425; 15405; 15245; 13605; 12050; 11840Cu; 9875; 9765; 7150
2100-2400	WRNO, U.S.A.	---	13720
2105-2205	R. Damascus, Syria	---	15095
2130-2230	R. Sofia, Bulgaria	---	11720; 9700
2145-2230	RBI, G.D.R.	---	9730
2200-2230	R. Vilnius, U.S.S.R.	---	15455; 15180; 13645; 9765; 7400
2200-2245	R. Yugoslavia	---	9660
2200-2300	R. Argentina Ext.	---	11710; 9690
2200-2300	R. Moscow, U.S.S.R.	Wld svce	17700; 15425; 15405; 15245; 13605; 12050; 7150; 7115; 7105
2200-2400	BBC, U.K.	---	12095; 9915; 9590S; 7325; 6175S
2200-2400	KUSV, U.S.A.	---	15580
2200-2400	R. Australia	---	17795; 15320
2200-2400	V. of UAE	---	11965; 9595; 6170
2200-2400	WSHB, U.S.A.	---	17640; 17555; 15205
2230-2300	kol Israel	---	17575; 15640; 12077
2300-2350	R. Pyongyang, N.K.	---	13650; 11735
2300-2350	V. of Turkey	---	9445
2300-2400	R. Moscow, U.S.S.R.	NAm svce	17720; 17700; 17605; 15425; 15405; 12050; 11750; 11735; 9720Bu; 9685; 7440; 7310; 7215; 6115; 6045Cu
2300-2400	R. Sofia, Bulgaria	---	11720; 9700
2300-2400	WHRI, U.S.A.	---	17830; 11770
2300-2400	VYFR, U.S.A.	---	17612.5; 9680; 9660
2330-2355	BRT, Belgium	M-Sa	9925
2330-2400	CBCNQSWS, Canada	net all EE	9625; 6195
2330-2400	R. Budapest, Hung.	M-Sa	15160; 11910; 9835; 9585; 9520; 6110
2330-2400	R. Kiev, U.S.S.R.	---	15455; 15180; 13645; 9800; 9765; 7400; 7335
2330-2400	R. Korea, S. Korea	---	15575
2330-2400	R. Tirana, Albania	---	11825; 9760; 6085
2335-2345	V. of Greece	---	11645; 9905
2345-2400	RBI, G.D.R.	---	11690; 6080

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

735 k Wood Listening  
Lamil



## WESTERN HEMISPHERE

mail loggings by the 12th of the month to:

Thomas F. Sable  
University of Scranton  
Scranton, PA 18510

Increased solar flares and spring weather don't seem to have hindered the shortwave activity this month. Here we go:

## ALASKA\*\*KNLS\*\*

6065 1000 JJ; IS, ID, Japan service (232 2/19 Howell-CA)  
6095 1200 RR; OM IDs, mx, talks (555 2/13 Miller-CA)

## ANTIGUA\*\*Deutsche Welle relay\*\*

6020 0500 DW EE; world nx, mx (545 2/27 Miller-CA)  
6120 0540 DW EE; Japanese cars and quality control (544 2/8 Miller-CA)  
9700 0345 DW EE; Science and Technology (444 2/22 Brown-HI)  
15410 0100 DW GG; Commentary on George Bush, film review, interview with university professor (544 2/11 Wright-MB)

## BOLIVIA

3310<sup>c</sup> 1020 R. San Miguel LA mx (222 2/26 George-MA)  
4795 0130 R. Nueva America LA pops, IDs (232 2/24 Howell-CA)

## BRAZIL

3245 2341 R. Clube American and LA pop mx (222 2/17 Bishop-NY)  
4825 0848 R. Educadora, Braganca LA mx, fast DJ, no ID (232 2/26 Famularo-JP) (Howell-CA)  
4845 0324 R. Nac. de Manaus IDs, pop mx, nx of Nicaragua (353 3/2 D'Angelo-PA)  
4865 0758 R. Verdes Florestas Fast OM talk (333 2/10 Howell-CA)  
4885 0315 R. Clube do Para LA mx, ID (242 2/8 Rogers-MA) (Bishop-NY)  
4955 0250 R. Marajoara Ads, singing IDs, sign-off (333 2/8 Rogers-MA) (D'Angelo-PA)  
4976 0018 R. Timbira do Maranhão 2 OMs cover sports event (242 2/16 D'Angelo-PA)  
4985 0402 R. Brasil Central Latin mx, IDs, promo (4333 2/19 Wright-MB)  
5035 0105 R. Aparacida Talk, chimes, mx, ID (232 3/5 Rogers-MA)  
5045 0120 R. Cultura do Pará guitar instrumentals (444 2/27 D'Angelo-PA)  
6090 0845 R. Bandeirantes Echoing ads, ID, // 9645, OM (242 2/16 Famularo-JP)  
9505 t 0858 R. Record Yelling voices, instrumental mx (222 2/16 Famularo-JP)  
11745 0200 R. Nacional do Brasil EE; Braz. volleyball team, "Highlights of the Week" (544 2/12 Wright-MB)  
11780 2145 R. Nacional Ads, jingles, IDs (333 2/21 Cichorek-NJ)  
11785 0830 R. Guaiba LA mx, OM talks, ID, instrumentals (333 2/11 Famularo-JP) (Ross-Nutt JP)  
11805 0020 R. Globo LA mx, IDs (333 2/8 Rogers-MA)

CANADA\*\*Radio Canada International\*\*Northern Quebec Service  
\*\*Radio Japan relay\*\*

6070 1500 CFRB King of the Road, Andy Berry Show (444 2/16 Perron-NY) (Wright-MB)  
6140 0618 RCI "Satanic Verses" in Canada (333 2/27 Brown-HI)  
9625 0128 NQS VV; mx and talk (534 2/21 Miller-CA)  
11855 1320 RCI Radio Station wars (444 2/27 Ehly-IA)  
11940 0050 RCI SS; talk, mx, IDs, qrm (545 2/9 Miller-CA)

## CHILE

15140 0707 R. Nacional Latin mx, ID (444 2/22 Brown-HI) (Famularo-JP) (Howell-CA) Festival of Song (Westenhaver-QU)  
Live rock concert (454 2/19 Wright-MB)

COLOMBIA\*\*CARACOL\*\*

4775 0100 CC Nx, talk, IDs (433 2/20 Rogers-MA) (Card-RI)  
 4865 0145 V. Cinaruco Ads, ID, LA pop mx (444 2/21 Rogers- MA)  
 (Bishop-NY) (Wright-MB)  
 4895 0220 V. Rio Arauco Ads, freqs, ID (444 2/11 Rogers-  
 MA) (Bishop-NY)  
 4915 1034 Armonias del Caqueta religious talk into vocals, TC,  
 bells, IDs, noticias (454 2/16 D'Angelo-PA)  
 5567 1005 R. Nueva Vida Religious mx, OM preaches (232 2/19  
 Howell-CA) (George-MA)  
 5975 0800 R. Macarena lively mx, TCs, IDs, CARACOL promos (222  
 2/24 Howell-CA)

COSTA RICA

5030 0118 R. Impacto EZL mx, IDs (353 2/13 Wright-MB)  
 21555 2333 R. Peace International "World of Radio" (333 2/21  
 Kerrigan-IL)

CUBA

4765 2324 Mayak Relay OM sings RR (322 2/14 Bishop-NY)  
 6000 0238 RM EE; program on world ecology (444 2/6 Howell-CA)  
 9655 0140 RHC children's eye care (454 2/21 Fraser-MA)

DOMINICAN REPUBLIC

4800 1004 R. Norte TCs, ID, 9 Latin vocals (343 2/7 D'Angelo-PA)  
 6025 0130 R. Amancer ID, sermon, organ mx (323 2/14 Howell-CA)  
 11700 1717 R. Clarin IDs, LA mx (242 3/5 Rogers-MA)

ECUADOR

3280 1030 V.Napo OM prays and sings hymns (232 2/19 Howell-CA)  
 4760 0920 Emisora Atalaya ballads, local mx, ID (232 2/10  
 Howell-CA)  
 4920 0143 R. Quito mx, OM: "La voz del Capital" (222 2/21  
 Bishop-NY)  
 5063 1057 R. Progreso Morning talk by OM, rooster crows, ID,  
 program announcement, talk show with YL (353 2/5 D'Angelo-  
 PA)  
 6130 0801 HCJB EE; "Ham Radio Today" Computers and Ham Radio,  
 propagation notes (333 2/22 Brown-HI) "Musical Mailbag" (222  
 2/16 Famularo-JP)  
 6230 0608 HCJB EE; DX Party Line: BBS and station schedules (555  
 2/21 Miller-CA)+1  
 9585<sup>nl</sup> 0253 HCJB RR; OM talks, "Golos And" ID (544 2/19  
 Westenhaver-QU)  
 9610 0805 HCJB EE; Mx del Ecuador, ID, freqs (333 2/21 Brown-HI)  
 (Famularo-JP)  
 9715 0753 HCJB EE; Call-in show (444 2/17 Brown-HI)  
 9720 0250 HCJB Interview with basketball player (545 3/1 Miller-  
 CA)  
 11835 0732 HCJB EE; "Happiness is..." Interview on Scotland (333  
 2/21 Brown-HI)  
 11925 0705 HCJB EE; ID, S Pacific target area (433 2/17 Brown-HI)  
 11960 0146 HCJB mentions Guatemala, Costa Rica, Chile (454 2/13  
 Wright-MB)  
 15155 0425 HCJB Music in the Night, Happiness is (555 2/15  
 Miller-CA) (Fraser-MA)  
 21470<sup>nl</sup> 1913 HCJB EE; "Saludos Amigos" with pen pal requests (444  
 3/5 Westenhaver-QU)

FRENCH GUIANA\*\*Radio France International\*\*

5055 0906 RFO Guyane OM and Yl with FF nx (333 2/19 Kunkel-CA)

GUATEMALA

3300 2343 R. Cultural OM, mx (433 2/17 Bishop-NY)  
 3325 0235 R. Maya SS/VV sermon, talk, piano mx (232 2/26  
 Howell-CA)  
 4835 0205 R. Tezulutan IDs, instrumentals (433 2/16 Rogers-MA)

HONDURAS

- 3250 0315 R. Luz y Vida EE; religious program with radio play and songs, US address for program (322 3/4 George-MA) (D'Angelo-PA)  
4820 0300 V. Evangelica ID, religious program (343 3/4 Rogers-MA) (Bishop-NY) (Wright-MB)

MEXICO

- 6115 2315 R. Universidad de Sonora YL ID, classical mx (333 2/11 Howell-CA) (Miller-CA)  
6185 0800 R. Educacion OM, Mex mx, band from Oaxaca (323 2/14 Howell-CA)  
9680 1015 XEQQ OM dj, TCs, ballads and accordian mx (333 2/4 Howell-CA)

NETHERLANDS ANTILLES\*\*Radio Netherlands\*\*TransWorld Radio\*\*

- 6165 0623 RN NA, ID (444 2/27 Brown-HI)  
9630 0735 RN "Happy Station" Mailbag (333 2/12 Brown-HI)  
9715 0731 RN Namibian peacekeeping force (433 2/11 Brown-HI)  
15345 1225 TWR Warning about pornography (444 2/9 Rogers-MA)  
21685 1905 RN Phone interview on Queen and Parliament (545 2/18 Miller-CA)

PARAGUAY

- 9735 0920 R.Nacional IDs, TCs, mx from accordian ensemble (333 2/19 Howell-CA)

PERU

- 4775 0955 R. Tarma IDs, Peruvian vocals, TCs (252 2/16 D'Angelo-PA)  
4885 0553 R. Huancavelica ID, Suzanne Vega's "Luka" (232 2/23 Howell-CA)  
4995 0205 R. Andina VV; Peruvian mx (233 2/17 Kunkel-CA)  
5974 1033 R. Melodia, Arequipa Noticias by OM, IDs, remotes and telephone reports (1033 232 2/4 D'Angelo-PA)  
6895 0115 R. Sensación Peruvian vocals, TCs, YL hosts vocals, NA (322 2/8 D'Angelo-PA)

PIRATES\*\*Time Bandits\*\*

- 6240 0200 ??? Network Big Ed plays hard rock, KISS, Steppenwolf (252 2/11 D'Angelo-PA)

USA\*\*Voice of America\*\*

- 5985 0332 VOFC Power plants and wind generators (444 2/23 Levison-PA) +1  
6080 0612 VOA Russia and Iran trade talks (333 2/27 Brown-HI)  
6125 0125 VOA "New Horizons" mood disorders among the creative (444 2/27 Ehly-IA)  
6130 1208 KUSW Roy Orbison song (333 2/19 Westenhaver-QU)  
6185 0400 WRNO Rock mx, ads for Penny's and drag races (544 2/19 Miller-CA)  
9495 0200 WHRI Upbeat religious mx (232 2/20 Zacher-IL)  
9815 0308 KUSW ads for LDS tape (555 3/3 Miller-CA)  
9840 0352 VOA SS; Valentine's Day card sales (544 2/15 Wright-MB)  
9852 0745 WYFR ID, freqs, sign-off (333 2/11 Howell-CA)  
11680 2054 WCSN Duke Ellington recordings (555 2/13 Westenhaver-QU)  
13695 1355 WYFR nx and sports ID, //15375 (343 2/22 Matsushita-JP)  
15280 0146 KGEI Talk, mx, ads (555 2/24 Miller-CA) (Matsushita-JP)  
15410 2040 VOA Sports, "Nightline Africa" (545 3/1 Miller-CA)  
15650 1630 KUSW religious programming, ID (433 2/19 Bishop-NY)  
17775 0043 KVOH vocal, freq. change (252 2/21 Famularo-JP) (Muzyka-NY) (Matsushita-JP)  
17830 2335 WHRI EZL mx, ID by OM (222 2/22 Famularo-JP) (Woering-MA) (Muzyka-NY)

U.S.A. (cont.)

21640 1710 WCSN Sunday service, mx, ID, into FF (444 2/19  
Berri-CA)

VENEZUELA

4770 2326 R. Mundial Bolivar Ads and more ads (433 2/14 Bishop-  
NY) Latin vocals and ballads (353 2/8 D'Angelo-PA)  
4780 0330 V. Carabobo ID, TC, Romantic mx (322 3/5 Rogers-MA)  
(George-MA)  
4830 0219 R. Tachira LA pop mx, canned ID (433 2/19 Bishop-NY)  
4840 0132 R. Valera political rap, ID, TC, LA mx (232 3/2  
Rogers-MA) (Bishop-NY)  
4850 0309 R. Capital American jazz, pop mx (433 2/19 Bishop-NY)  
6010 1018 R. Los Andes Latin vocals, IDs, TCs, lots of ads,  
remote news report (242 2/11 D'Angelo-PA)  
9540 1113 R. Nacional de Venezuela SS; "Desde la puerta de  
America del Sur..." and mx (333 2/9 Westenhaver-QU)

Looks like we're in for a pretty dry summer here in NE  
Pennsylvania. The inaugural season of the Scranton Red Barons  
baseball team (Phillies affiliate-Triple A/International League)  
should put some life into the summer. Guess who bought season  
tickets?

William Miller of dry California writes and advises us to look  
for Austria to Western North America after March 24 on 6015 via  
Sackville, Canada relay. Updated schedule puts the times at 0500-  
0700Z.

Bill Westenhaver writes to report on the Kulpsville SWL Fest. I  
didn't get a chance to attend since I will be working weekends  
until May. Says Bill: "Even though there was a lot crammed into a  
short weekend, I had a great time. It was particularly nice to  
meet Bob Thunberg, as well as...Ed Cichorek, Don Thornton, and  
Fr. John Echert."

The photos of another SWL event were in the April issue of  
Popular Communications. The ECSWLC from last year bodes well for  
the one being planned this year. For information on the 1989  
ECSWLC planned for September 16 and 17 and sponsored by the Old  
Dominion DX Association, send as SASE to ODDX, Box 9645, Norfolk  
VA 23505-0645. (By the way, that's not me in the photo, but  
K7YHA).

According to Glenn Hauser, WSHB is supposed to start antenna  
testing on March 13, but I haven't heard anything here yet.  
9455 between 0400 and 1200Z is supposed to be for South America  
and the Caribbean. QSL tests only to: WSHB, Route 2, Box 107A,  
Pinelands, SC 29934 USA.

The new and improved Western Hemisphere BBS offers computer users  
instant access to this month's loggings as well as shortwave,  
scanner, and ham radio information. The new NTS message service  
(non-commercial) will speed your message anywhere in the USA at  
no charge. Coming soon: ANARC gateway, FIDonet and international  
message services. Call (717) 961-7687 at 300/1200/2400 baud,  
24hrs/7 days a week.

Remember to send your loggings to our CDE by the fifth of the  
month and to me by the twelfth of the month.

Bye for now,  
*T.F.S.*

**EUROPE**

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



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

**EUROPE**

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

The Winter SWL Festival in Pennsylvania must have been a success. You all have been too busy to send in reports this month. I'm used to having to trim a page worth of loggings to fit my page allotment. This month I have 4 pages to ramble on. I have been editor for this column for 5 1/2 years now and for What's On... for 6 months. I have been using a Tandy 1000EX computer using PFS: Professional Write for Europe, Q&A for What's On... and PFS: First Publisher for the mastheads for over 2 years.

I have been a shortwave listener for at least 12 years. One of my earliest memories was using at that time a Sears multiband radio in order to find out the scores for the World Cup soccer tournament of 1978 via the BBC. I was becoming fascinated with what I was hearing on the radio with stations like HCJB, R. Australia and R. Uganda coming in with good signals that I wanted a better receiver and bought a Realistic DX-300 which everyone now days knows is a dog. As poor as this receiver is I did get a lot of good DX out of it. Now days I do my listening on a Yaesu FRG-7700, Kenwood R-1000, Realistic DX-400 and Sangean ATS-803. I use the Yaesu and Realistic in Independence and the Kenwood and Sangean in Black River Falls when I'm there on weekends.

I do have other interest than shortwave listening. I also enjoy quite much railfanning. In the Summer on the weekends you can often find me at Grand Crossing in La Crosse where the Burlington Northern and Soo Line railroad tracks meet or at the Altoona Chicago & North Western railroad yard near Eau Claire or somewhere track side. I'm planning on going to the Chicago & North Western Historical Society meet in Chicago in May. I also enjoy scanner listening (to the railroads mostly). Some other interest of mine are stamp collecting, bird watching, listening to classical music and collecting National Geographics.

I have been working on making the What's On... list as easy to use and informative as possible. If anyone has any further suggestions for improvement or criticisms of any kind about What's On... or Europe I would appreciate hearing from you.

**ALBANIA Radio Tirana**

7165 2206 **RI** EE; tlk about Albanian ballet doing Ravel's Bolero, awful bet, // 9480 mixing w/ Yerevan (422 2/13 Westenhaver-QU)  
 9430 2214 **RI** SS; Albanian pop songs-vaguely II sounding-w/ brief YL tlk between cuts, brief closing anmt, 2227\* (422 2/13 Westenhaver-QU)  
 9480 0300 **RI** Turkish; IS, ID, OM w/ tlk of Asia, Europe & Africa, QRM (343 2/23 Miller-CA)  
 9500 0633 **RI** EE; review of the Albanian press newspapers, wld nx (343 2/18 Lemke-AB)  
 9760 0235 **RI** EE; nx, spts, heavy QRM de 9760 poss. VOA (323 2/21 Muzyka-NY)

**AUSTRIA Radio Austria Internationall**

6155 2230 **RAI** EE; nx leading w/ meeting between Austrian & Hung. P.M.s (333 2/13 Westenhaver-QU)  
 9875 0100 **RAI** EE; SW Panorama, contest for professional broadcasters (444 2/26 Bitten-MN) 0034 EE; nx, tlk about Austrian politics, political visitors from Eastern Eur (433 2/28 Muzyka-NY) 0120 GG; Zeitiupe 221, IS, multi-ling. ID in SS b/c (433 2/21 Bishop-NY)  
 11780 2238 **RAI** EE; rpt on new Japanese-designed cotton mill to be built in Austria (333 2/13 Westenhaver-QU)  
 12010 1735 **RAI** EE; Austrian SW Panorama, feature on rel b/c in CAM (232 3/5 Rogers)  
 15410 0445 **RAI** EE; Rpt from Austria, tlk on Japan (222 3/1 Miller-CA)  
 15450 0649 **RAI** GG; OM, contry (444 2/19 Kunkel-CA)  
 21490 1605 **RAI** FF; ID, hit parade, QRM (233 2/11 Miller-CA)

**BELGIUM Belgische Radio en Televisie**

9925 2159 **BRT** EE; time pips, ID, headlines, Eur ambassadors recalled de Iran (544 2/20 Cichorek-NJ)  
 11695 0750 **BRT** Dutch; Mickey Mouse song in EE (455 2/19 Kunkel-CA)

**BELGIUM** continued

17560 1330 BRT EE; P.O. Box 26, nx on Belgium, R. World Today, // 21815 (454 2/18 Card-RI)  
 17595 1633 BRT EE; nx, press review, Valentine sales (233 2/14 Miller-CA)  
 21810 1630 BRT EE; nx, drug addicts & arms, press review, Belgium Today, Tourism & the Arts (333 2/10 Miller-CA)  
 21815 1342 BRT EE; feature on North Sea fisheries (253 2/21 Rogers-MA)

**BULGARIA** Radio Sofia

7115 0404 RS EE; nx, 0411 press review (333 2/10 Lemke-AB) 0430 EE; tlk, CW QRM, drama playwright (333 2/11 Miller-CA)  
 7115 2349 R. Moscow relay EE; DX pgm, listeners letters (434 2/27 Muzyka-NY)  
 9700 2130 RS EE; anti-smoking anti-alcohol campaign (444 2/19 Zacher-IL)  
 11720 0018 RS EE; tlk on Bulgaria, Bulg. school children (433 2/21 Miller-CA) 2252 EE; spts nx about tennis & volleyball, Bulg. pop songs (333 2/13 Westenhaver-QU) 0025 EE; DX pgm (444 2/11 Fraser-MA)

**CZECHOSLOVAKIA** Radio Prague

5930 0105 RP EE; nx, E. Germ. condemns the use of chemical weapons, ute QRM (132 2/22 Kline-CA) 0309 EE; nx, Newsview, Hirohito funeral, reform in Poland, Scrapbook (434 2/23 Wright-MB)  
 9540 0315 RP EE; conventional arms reductions by Warsaw Pact, V.H.O. course on elderly health care (534 2/3 Wright-MB)  
 11990 0150 RP EE; ID, cl mx bridge, RTTY QRM, ID, YL w/ tlk to 0200 (222 2/21 Berri)  
 15110 1531 RP EE; Afro-Asian svce, wld nx, rpts on Afghanistan, Paraguay, comment that Brezhnev Gov't didn't realize Afghan conflict was basically an internal problem (fr 2/11 Famularo-Japan)  
 21505 1720 RP AA/EE; OM w/ tlk, IS, ID in EE, sked, pgm guide (232 2/25 Berri-CA)

**FINLAND** Radio Finland

6120 0449 RF Finnish; YL, features, mx, // 9635 (444 2/21 Kunkel-CA)  
 11755 0329 RF EE; IS, ID, freq, Nordic nx (222 2/22 Brown-HI)  
 15400 1400 RF EE; musical ID, Northern Rpt, rpt on ski camps, peacekeeping troops in Af (2/21 Kana-GA) 1413 EE; Sports Fair (444 2/15 Lemke-AB)

**FRANCE** Radio France International

15300 1502 RFI FF; horse racing contry, pop mx (353 2/18 Wright-MB)  
 15365 1230 RFI FF/EE; FF pop songs, EE @ 1244, nx of Hung. politics, French hostages in Iran, mx (545 2/12 Robinson-TN)  
 17620 1608 RFI EE; nx, tlk on Morocco dispute, French nx of Southern Af (444 2/6 Miller-CA)

**GERMAN DEMOCRATIC REPUBLIC** Radio Berlin International

6115 0435 Stimme der DDR GG; candlelight type mx, nx @ 0500, mx (444 2/19 Wright-MB)  
 9730 2200 RBI EE; tlk of Nat'l Democratic Party, elections, mx (545 2/21 Robinson-TN) 2300 EE; peace & disarmament (333 12/18 Zacher-IL) 2241 EE; sked, mx selection, 2245\* (555 2/16 Woering-MA)  
 11785 0607 RBI SS; Chile al Dia pgm w/ tlk about selling Lada cars in LAM, nx items about Chile (343 2/10 Westenhaver-QU)  
 2154C 1600 RBI EE; OM w/ nx, QSB (gd-fr 2/23 Ross-Nutt-Japan)

**GERMANY, FEDERAL REPUBLIC OF** Deutsche Welle

5995 0600 DW GG; IS, buried by QRM (232 2/21 Kunkel-CA)  
 6185 0300 DW EE; IS, ID, nx, Germany & Libyan chemical plant, Germany & Iran re Saïman Rushdie (444 2/18 Munster-GA)  
 7285 0212 DW EE; discussion of Afghanistan, ID @ 0213 (322 2/11 Cichorek-NJ)  
 11905 0730 DW AA; YL in Arabic (333 2/19 Kunkel-CA)  
 15115 1833 R. Free Europe Bulgarian; Beatles song, YL w/ tlk (433 2/21 Bishop-NY)  
 17875 0837 DW EE; rpt on African economic studies (533 2/14 Brown-HI)  
 2151C 0700 R. Liberty RR; IS, ID by YL, nx by OM (353 2/23 Matsushita-Japan)

**GREECE**

939E 2315 Thessaloniki Greek; non-stop EE blues/jazz/60's rock to 2351, ID "Radiofonikos Stathmos Makedonikos," NA, 2356\*, // 9935 (443 2/15 Westenhaver-QU)  
 1520E 0544 VOA relay EE; plans for Black-American Patriots Memorial, YL vocal, tlk on George & Ira Gershwin, 0600\*, to ME (fr 2/12 Famularo-Japan) 0537 EE; pgm on child birth mortality in Sri Lanka (455 2/14 Kunkel-CA)  
 1543E 1430 VOA relay Pashto; // 11845, ID in EE, IS, OM preview, YL w/ nx, jamming on for nx (333 2/26 Matsushita-Japan)

**HUNGARY** Radio Budapest

9835 0142 RB EE; Music Magazine (343 2/11 Lemke-AB) 2120 EE; pgm on Hungarian mx (444 2/12 Rogers-MA)

**HUNGARY** continued

11910 2100 RB EE; next session of Hung. Parliament 3/8, nx of new army officers, Hung. boy scouts (545 2/1 Robinson-TN)  
 15160 0240 RE EE; Calling DXers, IS, into SS @ 0245, QRM de HCJB-15155 (322 2/28 Thunberg-PA)

**ICELAND** Iceland State Broadcasting Service

17558 1958 Icelandic; OM/YL in Icelandic, they pulled the plug @ 2009 (243 2/11 Kunkel-CA)

**ITALY** Radiotelevisione Italiana

11800 0110 EE; nx by YL, ID & IS @ 0121 (433 2/22 Etten-MN)  
 21690 1359 II; IS, ID, NA, anmt of feed pgm La Voce dell'Italia to Canada, 1403 nx, ancd // 17800 buried under DW (444 2/19 Westenhaver-QU) 1740 II; pop mx, 'I Found My Love,' ID @ 1743 (333 2/1 Cichorek-NJ)

**MALTA**

11810 2130 DW relay PP; nx, // 11865 & 15105 (433 2/12 Rogers-MA)

**MONACO** Trans World Radio-Monte Carlo

9650 0815 Norwegian; dialog to 0820\*, IS & gone (444 2/19 Kunkel-CA)

**NETHERLANDS** Radio Nederland

9895 2030 RM EE; Happy Station, salute to Spring (444 2/12 Fraser-MA) 2333 Dutch; int'l nx, Neth. nx, tlk about Curaçao & St. Martin (545 2/16 Woering-MA)  
 9925 2317 RM Dutch; nx, local mx (country type mx) (444 2/16 Woering-MA)  
 11930 0637 RM EE; Newslines, rpt on the Khomeini's call to kill Salman Rushdie (433 2/16 Brown-HI)  
 21615 \*1127 RM EE; IS, ID, Happy Station Show (353 2/19 Matsushita-Japan)

**NORWAY** Radio Norway International

9560 \*0200 RNI Norwegian; nx, intvw, tlk on economics (544 2/1 Wright-MB)  
 11750 0558 RNI Norwegian; ID, tlk, QRM de Spanish & Soviet station (544 2/25 Miller)  
 11845 2335 RNI Norwegian; tlk on Norway, rel pgm?, off @ 2345 after ID & short mx (334 2/19 Miller-CA)  
 15230 1000 RNI Norwegian; nx of Iran's threat to Writer Rushdie, tlk of Oslo, Stockholm & Frankfurt, mx (555 2/17 Robinson-TN)  
 21705nf 1239 RNI Norwegian; intvw w/ musician, ID in EE/Norw. (353 2/26 Matsushita-Japan)

**PORTUGAL**

7115 0611 R. Free Europe Hungarian; mx, OM in Hungarian, // 9695 (333 2/7 Kunkel-CA)

**ROMANIA** Radio Bucharest

9570 0405 RB EE; tlk on trade & Commerce (122 2/11 Miller-CA)  
 11830 0235 RB EE; // 9570, comments on geriatric care, comments on upper atmosphere & waters (444 2/22 Levison-PA)  
 15250 \*1457 RB EE; // 17720, IS, ID, sked, nx, comtry, DX mailbag (343 2/22 Matsushita-Japan)  
 15335 1500 RB EE; Asian svce, Romanian economy & foreign policy, QRM de RTV Morocco (322 2/5 Dillon-Greece) 0703 EE; nx, OM, // 15250 (444 2/19 Kunkel-CA)  
 15365 1735 RB EE; tlk, listener's letterbox, comtry, 1755\* (222 2/10 Miller-CA)

**SPAIN** Radio Exterior de España

9625 0113 REE EE; nx, closing w/ the Stanic Books (433 2/21 Bishop-NY)  
 9630 0104 REE EE; nat'l nx, World Bank nx (333 2/2 Lenke-AB) 0000 EE; nx, rpt on Nat'l Park (444 12/19 Zacher-IL)  
 9650 0505 REE SS; // 11730, features, OM (444 2/21 Kunkel-CA)  
 9745 0225 REE SS; nx, comtry, ID, tlk (545 2/23 Miller-CA)  
 11790 2115 REE EE; // 9765, Panorama, ID "This is Spanish National Radio broadcasting from Madrid" (433 2/23 Matsushita-Japan)  
 11880 0100 REE EE; nx, emphasis on Spain (444 2/8 Rogers-MA) 0025 EE; rpt that Spain will have non-gov't commercial TV stations, // 9630 (554 2/14 Fraser-MA)  
 12035 1838 REE SS; ID, telephone intvws, // 9875 & 11920 (454 2/20 Matsushita-Japan)  
 17845 1200 REE SS; nx of George Bush, Sandinistas, Felipe Gonzales (545 2/13 Robinson-TN)  
 21460nf 1936 REE SS; nx magazine w/ items about Spanish relations w/ SWAPO & Italy (555 3/5 Westenhaver-QU)

**SWEDEN** Radio Sweden

11705 0234 RS EE; Sweden Calling DXers, Danish B/Cing Corp. special pgm (343 2/9 Lemke-AB)  
 15190 1235 RS EE; intvw, Nordic nx incl. rpt on Swedish environmental documentary (fr-gd 2/25 Famularo-Japan)



SWEDEN continued

17815 #1229 RS EE; // 9565, IS, ID, nx, current affairs, spts, Sweden Calling DXers (343 2/21 Matsushita-Japan)  
 21615 1402 RS EE; mailbag & stamp show, letter asks about day care in Sweden (343 2/5 Etten-MN)

SWITZERLAND Swiss Radio International

3985 2247 R. Beijing relay II; CC mx, OM w/ tlk (433 2/18 Bishop-NY)  
 5965 2225 SRI PP; alpine mx, ID, into nx by OM, lead item about Afghanistan (444 2/14 Cichorek-NJ)  
 6165 1847 SRI EE; Dateline, SW Merry-Go-Round, polkas (444 2/18 Dillon-Greece)  
 9535 0730 SRI EE; nx, Hung.'s Communist Party says there shall be multi-party elections (333 2/12 Brown-HI)  
 9855 0205 SRI EE; wld nx, tlk on Hungary, OAS (344 2/15 Miller-CA)  
 12030 0635 SRI EE; Dateline, Red Cross returns to Lebanon, Swiss SW Merry-Go-Round (444 2/11 Brown-HI) 1314 EE; listeners letters about mx in Switz. (222 2/19 Cichorek-NJ)  
 12035 0150 SRI SS/EE; tlk, ID in SS @ 0200, Dateline, Swiss SW Merry-Go-Round (534 2/19 Miller-CA)  
 13685 0833 SRI EE; Dateline (332 1/20 Lemke-AB)  
 15430 0632 SRI EE; nx, NAF countries to form an economic union (333 2/16 Brown-HI)  
 17830 1530 SRI EE; OM w/ nx, Round about Switz. @ 1537, // 21630, into FF @ 1600 (444 2/26 Blair-CA) 1415 II; children's song, nx show by OM/YL, // 11695 (343 2/19 Matsushita-Japan)  
 21695 1020 SRI EE; Grapevine, tlk on Swiss newspapers, listener's letters (fr-gd 2/19 Famularo-Japan)

UNITED KINGDOM British Broadcasting Corporation

3955 2255 BBC EE; Newshour, tlk about Dukas wife in hospital (433 2/14 Bishop-NY)  
 5975 0825 BBC EE; press review, financial markets (333 2/14 Brown-HI)  
 6010 0608 BBC EE; rpt on the John Tower nomination (222 2/27 Brown-HI)  
 6040 0610 VOA relay EE; Daybreak Africa, rpt on Bush in Japan (333 2/27 Brown-HI)  
 6195 1720 BBC EE; spts, Saturday Special (444 2/18 Dillon-Greece) 2007 EE; tlk about the life of the Japanese (433 2/22 Bishop-NY)  
 7200 0627 VOA relay EE; financial rpt on last week, Bush in S. Korea (322 2/27 Brown-HI)  
 9915 0200 BBC EE; wld nx, ment of striking miners in Yugo., U.S.S.R. relations w/ Iran (333 2/28 Blair-CA)  
 11775 0739 VOA relay AA; OM w/ ment of Washington often (344 2/19 Kunkel-CA)  
 12095 2313 BBC EE; Music Now, latest in Scandinavian symphonies (444 2/16 Woering-MA)  
 15070 1122 BBC EE; Waveguide, review of a book about a henchman for Stalin (343 2/28 Kerrigan-IL)

VATICAN CITY Vatican Radio

6185 2347 VR SS/EE; arias, ID, classical selections (434 2/11 Cichorek-NJ)  
 6190 2104 VR EE; Vatican Calendar, discussion of Catholic Minority in Bangladesh (333 2/15 Cichorek-NJ)  
 6248 1708 VR Romanian; tlk about Christ, organ mx, into Bulgarian @ 1715, jammers came on w/ Bulgarian (433 2/18 Dillon-Greece)  
 6250 0656 VR Latin/FF; rel svce, ID, nx in FF (252 2/4 Wright-MB)  
 9605 0051 VR EE; Vatican Viewpoint (343 2/14 Lemke-AB) 0100 EE; Vatican calendar of events, 0110\* (444 2/16 Muzyka-NY)  
 9645 0601 VR EE; With Heart & Mind (333 2/19 Lemke-AB)  
 11715 0745 VR unid; Mass sung in lang that sounds like Ukrainian, // 15120 & 9755 (344 2/19 Kunkel-CA)  
 11740 0742 VR EE; call to stop using chemicals, The Church Remembers Today, end of EB b/c @ 0744 (333 2/21 Brown-HI)  
 11780 0051 VR EE; Vatican Viewpoint (333 2/18 Lemke-AB)

YUGOSLAVIA Radio Yugoslavia

9620 0132 RY EE; tlk on Yugoslavia, American publication, CBCMS QRM (534 2/21 Miller-CA) 0103 EE; nx, wx, tlk about a Communist plenum recently held (434 2/21 Muzyka-NY) 0104 EE; nx, debt problems in developing countries (544 2/13 Wright-MB)  
 9660 2200 RY EE; tlk of Baghdad Union, buying off Yugoslavian debts (545 2/16 Robinson-TN) 2200 EE; mx, Music Box pgm (434 2/19 Zacher-IL)  
 11735 0122 RY EE; Sidewalk Rock-a weekly pgm of Third World pop mx, 0146\* (444 2/11 Westenhaber-QU) 0750 Serbo-Croat; YL/OM (444 2/19 Kunkel-CA)

INTERNATIONAL WATERS

6215 2058 World Music R. via RC EE; Christian mx, rel pgm, time pip, no ID on the hr (322 2/22 Bishop-NY)  
 6215 2315 R. Caroline EE; rock mx, ID @ 2329 by OM (333 2/18 Saarikko-NY)  
*Janul*

# 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.

Hi all. Loggings are down from last month's high, but a good selection nevertheless (especially regionals). More talk following the loggings...

APRIL 1989

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

- 4040 1356 **RM (DS2)**-Vladivostok (RDI): RR; class. mx, IS @ 1400, tlk by M, poss. nx, // 3995 (253 2/22 Kline-CA)
- 4485 1041 **Kamchatka R.**-Petropavlovsk Kamchatskiy (RDI): RR; tlk about John Kennedy, mx, Kremlin bells @ 1059 (253 2/20 Kline-CA)
- 4635 0210 **Tadzhik R. (DS1)**-Dushanbe (RDI): RR; mx to 0215 pgm change, M tlk (333 1/30 Kunkel-CA)
- 4795 2300 **Buryat R.**-Ulan Ude (RDI): RR; M tlk btw songs (ID? -ed) (433 2/15 Bishop-NY) (Card-RI)
- 4810 \*0200 **RY-Yerevan (ILG)**: RR; RM IS into RY IS (444 2/28 Card-RI)
- 4895 1705 **RM-Kalinin (ILG)**: Romanian; wld nx, ID "Aici Moskova", rpt on mx played at the Berlin festival (444 2/11 Dillon-Greece)
- 4957 1930 **Azerbaijani R. (DS2)**-Baku (RDI): Azerbaijani; ME mx, M w/ Baku ID, Jazz mx, UTE QRM (433 2/9 Dillon-Greece)
- 4975 0200 **R. Dushanbe**-Dushanbe (RDI); RR; flute IS, M & W tlk (243 2/16 Kunkel-CA) (RDI/ILG list Dari lang. at this time -ed)
- 4990 1915 **RY-Yerevan (RDI)**: Armenian; rpt on Afghanistan, wld nx, ID, into class. mx @ 1920, ID by W (333 2/9 Dillon-Greece)
- 5035t 1322 **E. Alma Ata-Alma Ata (ILG)**: Kazakh; W tlk, ME mx, unfamiliar IS @ 1330, potential ID KO'd by splatter de CPBS on 5030, M/W tlk (nx?) til 1337, slow ME inst. mx (fr 2/22 Famularo-JP) (Thanks for the nice details Ralph. -ed)
- 5905 1346 **RM-Petro. Kam. (ILG)**: EE; open carrier to 1359, IS & Kremlin Bells, Wld Svc nx @ 1400 (554 3/1 Kline-CA)
- 5905 0415 **RM-Kharkov (ILG)**: SS; DX pgm (444 2/16 Kunkel-CA)
- 5950 2217 **RM-Leningrad (RDI)**: RR; folk mx, abrupt end of pgm @ 2227, IS @ 2229 & ID @ 2230 (322 2/21 Cichorek-NJ)
- 6170 1830 **RM-Novosibirsk (ILG)**: Farsi; M w/ monolog abt Afghanistan, ment. USSR, Iranian-style mx, ID (322 2/18 Dillon-Greece)
- 7310 0114 **RM-Moscow (RDI)**: EE; nx, ID, "Outlook" (334 3/7 Miller-CA)
- 7320 0446 **RM-Starobelsk (UHN)**: SS; "Science & Technology" pgm abt 21st century trucks, co-chan. BBC QRM (333 2/8 Westenhaver-QU)
- 7370 1620 **RM-Moscow?**: EE; "Moscow Mailbag", // 7345 (333 2/26 -ed)
- 7400 0040 **EK-Simferopol (ILG)**: EE; "Open Studio" (554 2/11 Fraser-MA)
- 7400 2310 **RY-Simferopol (ILG)**: EE; M w/ Lithuanian radio tour, tlk of Independence Day & environment, 2329\* (444 2/27 Muzyka-NY)
- 7400 0226 **RM-Simferopol (ILG)**: RR; M tlk abt Pushkin, mx bridges (444 2/11 Cichorek-NJ) (Robinson-TN)
- 9470 \*0330 **RSP&P-Yerevan (ILG)**: SS; ID, "boletin de informaciones", QSB (343 3/6 Westenhaver-QU)
- 9540 1200 **RT-Tashkent (RDI)**: EE; mx, tlk of nuclear weapons and Arab lands (444 2/24 Robinson-TN)
- 9640 2301 **RM-Starobelsk (UHN)**: PP; W w/ "R. Central do Moscu" ID & nx headlines, // 7160 (433 2/8 Westenhaver-QU)
- 9735 \*1159 **RM-Irkutsk (ILG)**: Malay; IS, M ID & sked, mx, "Inilah Radio Moskou", W nx, M & W cmtry, // 9625, 15175, 15330, 17775 (444 2/21 Matsushita-JP)
- 9780 1236 **RM-Vladivostok (ILG)**: EE; Karl Yegorov's "Jazz Show", blues mx (243 2/16 Westenhaver-QU)
- 11785 1200 **RT-Tashkent (RDI)**: EE; mx, costumes (545 2/5 Robinson-TN)
- 11995 0723 **RM**: EE; tlk abt Russian beauty contest prizes, etc. (455 2/19 Kunkel-CA) (any ideas on the site? -ed)

13645 0350 RY-Komsomolsk Amure (ILG): EE; class. mx, ID, W tlc, mx, QRN & QRM (334 2/19 Miller-CA)

13725 0350 RM: RR; tlc, jazz mx, IS, ID, nx (344 2/27 Miller-CA)

15150 1200 RM-Moscow (ILG): EE; tlc abt jet bicycle for cosmonauts use (sounds interesting -ed) (545 2/19 Robinson-TN)

15295 0026 RM-Khabarovsk (ILG): EE; "Inside Report" - anti-Stalin cmtry (fr 2/18 Famularo-JP)

15295 1735 RM-Nikolaevsk Amure (ILG): EE; tlc abt USSR, ID, pop mx, "Inside Report", more IDs, QRM (434 3/7 Miller-CA)

15315 0354 RM-Krasnoyarsk (ILG): CC; tlc, ment. "Mosuko", jazz mx, W ID & anmt/nx (242 2/11 Westenhaver-QU)

15320 0412 RM-Orsha (ILG): AA; AA pgm, // 11785, 9830, 7295, 7140 (444 2/17 Kunkel-CA)

15330 0705 RM-Kenga (ILG): CC; M w/ nx (455 2/19 Kunkel-CA)

15405 0030 RM-Petro. Kam. (ILG): EE; ID, nx in brief, QRM de VOA (333 3/7 Miller-CA)

15425 0000 RM-Petro. Kam. (UHN): EE; IS, ID, mx, nx, tlc on USSR and American economy, QRM de 15420 (444 3/7 Miller-CA)

15455 1325 RT-Petro. Kam. (RDI): EE; M & W ancrs, ID, pgm "Development in Asian Countries" (??? 2/7 Kana-GA)

15455 0350 RY-Petro. Kam. (RDI): EE; M ancr, tlc abt conditions in Armenia, ID (??? 2/19 Kana-GA)

15455 0520 RM-Petro. Kam. (RDI): EE; "Moscow Mailbag", nx, interview (433 3/5 Matsushita-JP)

15456 0550 RM-Baku (ILG): EE; mx pgm w/ W DJ (433 3/5 Matsushita-JP)

15475 1130 RM-Serpukhov (ILG): EE; asian nx, Geneva agreement (545 2/14 Robinson-TN) (Miller-CA)

15480 \*1300 RM-Ashkhabad (ILG): Indonesian; "Inilah R. Moscowaa, suara Um (?) Soviet" ID & sked, nx (243 2/10 Westenhaver-QU)

17605 0130 RM-Petro. Kam. (ILG): EE; M/W nx (444 2/26 Valentine-CA)

17720 0408 RM-Petro. Kam. (ILG): EE; wld nx headlines, ID, talks in Vienna on arms reduction (545 3/7 Miller-CA)

17755 \*0200 Radiostantsiya Rodina: RR; IS/ID, M & W tlc, ment. "Kultura" & "literatura" (242 2/19 Westenhaver-QU)

17810 1411 RM-Simferopol (UHN): EE; ID, "Perestroika" pgm about upcoming elections (444 2/19 Westenhaver-QU)

17815 \*0200 Radiostantsiya Rodina-Frunze (RDI): RR; M ID, IS, M & W nx, guitar folk song (343 2/23 Matsushita-JP) (Yukimasa wrote the ID - "Govorit Moskva" in Cyrillic. Too bad my printer can't print Cyrillic characters... -ed)

17840 \*1259 RM-Frunze (RDI): Tagalog; IS, M ID & sked, mx, nx, // 7380, 11905, 15520 (353 2/20 Matsushita-JP)

21455 1658 RM: ? lang; RMWS ID, TP @ 1700, W tlc (ID?) (222 2/25 -ed)

21490 0535 RM: RR; mx, M ancr, // 21655 (444) (343 2/19 Kunkel-CA)

21565 0536 RM-Irkutsk (ILG): FF; W ID - "Ici R. Moscow Internacional" (454 2/19 Kunkel-CA)

21615 0610 RM-Tashkent (RDI): RR; pop mx, // 21635 (444 2/19 Kunkel-CA)

21635 0537 RM-Dushanbe (ILG): RR; modern RR pop mx, // 21690, 21790, 17890 (354 2/19 Kunkel-CA)

21680 0600 RM-Armavir (ILG): EE; s/on IS, "Moscow Nights" & Kremlin bells, ID as RM European svc, // 21690 (455 2/19 Kunkel-CA)

21790 0108 RM: EE; W w/ nx about a fire (433 2/20 Bishop-NY)

21830 0440 RM: RR; M tlc, flutter, // 17835 (453 2/20 Kunkel-CA)

One relay logging was received this time: 6000 via Havana, Cuba. There are 2 unidentified's this month:

4895 @ 0215 - M in RR Prob. RM (DS4) via Tyumen (ILG)  
 4930 @ 0206 - mx, W ancr RM (DS2) via either Ashkhabad or Tbilisi

RSFSR Tropical Band Stations

4030	Anadyr	4050	Yuzhno-Sakhalinsk
4485	Petropavlovsk-Kamchatskiy	4610	Khabarovsk
4795	Ulan Ude	4820	Khanty-Mansiysk
4860	Chita	4895	Tyumen
4920	Yakutsk	5015	Arkhangelsk
5015	Vladivostok	5290	Krasnoyarsk

The above information gleaned from an article in the 1/89 issue of The Communicator (British DX Club) - via John Marx.

According to "World of Radio" (via Bill Westenhaver), the reason why the D1988 ILG was so late is because it was mailed to the US via Surface Mail! I hope the next issue gets here on time. Despite it being late, I highly recommend the ILG as a source for USSR xmitter sites. That's it for now - hope everyone had a nice Easter. C U next Month! -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.

My apologies to everyone who needed extra-strength Murine after trying to read last month's column. Further apologies for chopping Ascension and South Africa this month...just ain't no more room! Hope the new RSA info at the end of the column makes up for it!

## COLUMN FOR APRIL, 1989

### ALGERIA

- 9509 1948 R. Algiers: FF; M ID, w t/k. 333(2-16 Kunkel-CA)  
15160 0703 R. Algiers: FF; M nx to 0706, then mix FF pops/W chat; co-chan RA, //9509; no sign of 9535. 322(3-5 Westenhaber-QUE)  
15215 1938 R. Algiers: EE; "Music Power," pgm of US rock/pop mx [and a great reason to tune to Algeria, eh? -ed.], ID @1939. 323(2-26 Woering-MA)  
15215 \*0200 LV Resistencia Chilena: SS; M ID, repeated by W, orch anthem, W nx. Mixing w/VOFC, also in SS. 322(2-10 D'Angelo-PA)

### BURKINA FASO

- 4815 0618 RTV Burkina: FF; 1cl nx read by M ancr. 243(2-18 Etten-MN)

### CAMEROON

- 4850 0505 CRTV Yaounde: EE; nx: Somali political prisoners; snappy promo for better child care, M/W urge parents to use good hygiene. 444(3-8 George-MA). @2153 in FF..353(2-16 Blight-MD). 433(2-15 Bishop-NY)

### CENTRAL AFRICAN REPUBLIC

- 5035 2200 R. Centrafrique: FF; bouncy Afro mx. ID "Radiodiffusion Centrafricaine" [sounds like a topical anesthetic.-ed.], off at 2257\* after NA. 352(2-15 Blight-MD)

### CHAD

- 4904.5 2100 RN Tchadienne: FF; M wishes "bonsoir mesdames..." then Afr/world nx, into hilife mx @2140. 232(2-26 George-MA). @1645..433(2-11 Dillon-GREECE)

### EGYPT (or "EYGFPT," as several contributors called it)

- 9475 0210 R. Cairo: EE; nx: Mubarek in Kuwait; ID, mx. 443(2-27 Etten-MN). 544(2-23 Miller-CA)  
9900 2200 R. Cairo: EE; Cairo Magazine, vcl mx, Mubarek attends Hirohito funeral. 545(2-22 Robinson-TN)  
9940 \*1959 R. Cairo: AA; bell, M ID, opening mx, pgm preview, Qur'an; not //either 9475, 9850, or 11665. 433(2-25 Matsushita-JAPAN)  
11560 1928 R. Cairo: Farsi; AA solo mx, @1935 W ID, M brief nx, Qur'an; @1945 W ID/sked, off @1945\*. 444(3-5 Matsushita-JAPAN)  
12050 0831 R. Cairo: AA; AA/FF; nx pgm in AA, AA mx (VO Arabs pgm?). into FF or similar lang. 444(3-2 Miller-CA)  
15175 1557 R. Cairo (t): Pushto; subcont mx, M ment Afghanistan, Pakistan, Bhutto; off mid-sentence at 1600\*. good(2-11 Famularo-JAPAN)

### EQUATORIAL GUINEA

- 5003.6 2143 R. Nacional: SS; M t/k abt soccer, into Afr mx. 433(2-21 Bishop-NY). @0548..333(2-10 Kunkel-CA)

**ETHIOPIA**

9660.1 #1828 VO Ethiopia: EE: noted strong OC, electronic IS @1830. W "This is the External Sce of the VO Ethiopia." M nx, pgm lcl mx; deep fades. 242(2-5 D'Angelo-PA)

**GABON**

4777 2125 RTV Gabonaise: FF: nonstop hilife to 2140, partial ID "...Gabon de Libreville," back to mx, past 2200 w/no break. UTE GRM. 222(2-26 George-MA). 222(2-21 Cichorek-NJ)

4830 2100 Africa #1: FF: nx, ID @2115, then mx. 343(3-5 Rogers-MA). 322(2-15 Bishop-NY). @1740..444(2-12 Dillon-GREECE)

11800 2308 R. Japan Relay: EE: nx, ID, cmtv, Tokyo Clg. 333(2-10 Miller-CA)

11940 0715 Africa #1: FF: usual mix of pop/Afro mx. W dj, mni IDs. 545(2-9 Miller-CA)

15200 1640 Africa #1: FF: soccer match play-by-play. 322(3-5 George-MA)[SEE DX N00Z]

15325 0531 RJ Relay: Swedish: tlkg drums, ID as RJ from Gabon. Into Swed pgm w/pres nx. 444(2-17 Miller-CA). Into JJ @0759..444(2-12 Brown-IL)

15475 1840 Africa #1: FF/EE; back hr [see DX N00Z] w/usual stuff, 2 min of EE nx @1853, but buried under Moscow until Soviets pull plugski @1900, then in the clear. 422/444(3-22 ed.)

21695 0734 RJ Relay: EE: interview w/owner of a machine shop. 232(2-17 Brown-IL).

21700 1610 RJ Relay: JJ; pop mx. Gabon ID, more mx, tlk tech difficulties [the dreaded Moyabi filler tape! -ed.]. 444(3-3 Miller-CA)

**GUINEA**

4900 #0557 R. Nationale: FF; guitar IS, NA, W tlk, AA-type recitation; not //7125. Since this date, all hrd is weak het. [Oh well - at least they Scotch-taped the xmtr back together for a few hours. -ed.]. 211(2-12 George-MA). 343(2-13 Kunkel-CA)

**KENYA**

4934 0402 VO Kenya: EE: M nx, ID @0413. march mx; more tlk, 'tho lcl QRN nixed gd reception. 242(2-1 D'Angelo-PA)

**LIBERIA**

3255 0500 ELBC: EE: whole day's pgm sked, TC @0502, Morning Meditation. 333(3-8 George-MA). @2220..322(2-10 Bishop-NY)

4760 2135 ELWA: EE; radio play: a man visiting Chicago meets a stranger who invites him home for a meal and takes him to church [Sure! -ed.]; ID/TC 2200, BBC nx. 322(2-25 George-MA)

VDA Monrovia on 7280/0450/444(Miller-CA). 11835/0319/333, 15445/2007/444(Brown-HI)

**LIBYA**

15235 0150 VO Gtr Arab Homeland: AA; tlk, martial mx, ID @0200, //15415, 15450. 322(2-21 Rogers-MA). 555(2-19 Robinson-TN)

15415 0150 VQGAN: AA; cmtv Soviet withdrawal from Afghanistan. 253(2-7 Wright-MB)

**MADAGASCAR**

21485 0848 R. Nederland Relay: EE: Newsline: Jamaican elections. 444(2-11 Brown-IL)

**MALI**

11715 0027 R. Beijing Relay: EE: Cmtv: auto insurance liability; poems for Year of the Snake. 444(2-2 Levison-PA). 444(2-22 Brown-IL). 444(2-17 Fraser-MA)

**MAURITANIA**

4845 0000\* ORT Mauritanie: AA; nx, mx, Qur'an, ID, NA. 544(2-24 Card-RI)

**MOROCCO**

15105 2235 RTV Marocaine: AA; AA mx, crowd applause, disco mx, M ID, more mx. pr-fr(2-13 Famularo-JAPAN)

15335 14365 RTV Marocaine: AA; Maghreb-style AA mx, M ID, swamped by Bucharest @1500. 322(2-5 Dillon-GREECE). @0032..333(2-26 Matsushita-JAPAN)

17595 1600 R. Morocco Int'l: EE: ME nx, EE lesson abt Japanese railway (in EE/FF/JJ'). 353(2-22 Matsushita-JAPAN)

**MOZAMBIQUE**

3210 0312 R. Mocambique: FF: mix of M tlk/vocal mx; W ID @0330; //4855. 242(2-1 D'Angelo-PA). 233(2-21 Kunkel-CA)

9617.8 0445 R. Mocambique: FF: mx to 0447 ID by M. 233(2-7 Kunkel-CA)

**NIGER**

5020 2149 LV du Sahel: VN/FF; W tlk in VN, M in FF; chanting, closing ID/anmts by W. NA. 433(2-21 Bishop-NY)

**NIGERIA**

4770 0602 R. Nigeria: EE; M nx. ID, sports. 222(2-18 Etten-MN)  
 7255 2130 VO Nigeria: FF; interview in EE/FF abt Portugal. Czechoslovakia, into kalimba m.: 444(2-13 Robinson-TN). 334(2-11 Miller-CA)

**RWANDA**

7225 0405 Deutsche Welle Relay: EE; nx; Weekend Magazine: Manley election, EEC meeting. 342(2-13 Wright-MB)  
 17780 0925 DW Relay: EE; economic tlk re EAs economic cooperation, ID. pr-fr(2-11 Ross-Nutt/Famularo-JAPAN)

**SENEGAL**

4890 0510 RTV Senegal: FF; M ID, nx of Mozambique. 222(2-11 Miller-CA)  
 4892 10557 RTV Senegal: FF/AA; string IS, choral NA, M "RTV du Senegal", freqs. TC, FF nx; AA recitation, pgm in AA to FF #0625. 343(3-1 George-MA)

**SEYCHELLES**

11810 1758 FERA: EE; W gives FERA's Kenya address. 221(2-21 Bishop-NY)  
 11915 1908 FERA: AA; rel mx. AA dialogue, 1948\*. 455(2-18 Kunkel-CA)

**SOUTH AFRICA** No space, but thank to Bishop-NY/Blight-MD/Brown-IL/Cichorek--NJ/Dillon-GREECE/Etten-MN/Famularo-JAPAN/Kunkel-CA/Miller-CA/Ross-Nutt-JAPAN/Westenhaver-QUE/Woering-MA/Wright-MB/Zacher-IL

**SOUTH WEST AFRICA** (last time we get to call it that!)

4965 0405 SWARC: AFK; 6 pips, nx to 0504, ads, into mx. 444(2-20 Kunkel-CA)

**SUDAN**

9435 1433 Nat'l Unity Radio: AA/EE; AA pgm to 1445, then EE ID/nx' lcl mx; off 1500\*. 252(2-12 D'Angelo-PA)

**UGANDA**

4976 0400 R. Uganda: EE; M nx, incl RM item abt troop withdrawals from Afgh; cmt. then ID #0417. 353(2-16 D'Angelo-PA)

**UNIDENTIFIED**

3370 0328 UNID: PP? VN?: tribal vcls to 0331, then M tlk/mx segments, more vcls. tlk, gone to noise. 222(2-1 D'Angelo-PA)(most likely Beira. -ed.)  
 4871.2 0905 UNID: ??; Indian-type mx, Qur'an @0910. 242(2-5 Kunkel-CA)(No idea -ed.)

**DX NOOZ**

**ALGERIA**--Radio Algiers 1900-2000 15215 in English (Chris/TN/SWLD/Snyder). Also on 17745, 9509 (Peek-NC/DXLD 24)

**ANGOLA**--4820.3 reactivated, probably Huila but relaying Luanda every time I listened. Luanda back on 4953v (//3375.8) after drifting as high as 5468.2 in February. (Vashek Korinek-RSA)

R. Carina del Bur, Lubango 9565 1700-1800, Sun 07-08 in SS to Cubans. VO Namibia, Lubango 04-06 on 5995, 18-20 on 4715 (Ginbey/RNMM/DXLD 24)

**GABON**--Africa Number One has returned to 15475kHz ex-15200 for its broadcast at 1700-2300. 4830kHz remains in parallel. The daytime frequency of 17630kHz is still in use. (Sennitt/ANARC BBS)

Usually spot on frequency, AND now heard on 4829.6. (Korinek/RSA)

Radio Japan morning relays to Europe from Gabon switched to 21690 kHz from 15235. This is for Russian at 05:00 hrs, Swedish at 05:30, Italian at 05:45, German at 06:00, and French at 06:30. (SCDX)

**KENYA**--Now on 4935.0 (ex-4934). (Korinek-RSA)

**MADAGASCAR**--Back regularly each evening at 1600-1900 on 3231.6. (Korinek-RSA)

**MAURITIUS**--According to a letter from the Studio Manager of the Mauritius Broadcasting Corporation, the transmitter on 4855 kHz, which has long been off the air, is to resume in the future. ("DXclusive", Finland/SCDX) The African station heard time to time on or near this frequency is usually Mozambique. (DX Editor/SCDX)

**MOZAMBIQUE**--The English broadcast from Radio Maputo 18:00-19:00 uses 11820 kHz instead of 4855. 3338 and 9620 kHz remain in parallel. (V. Neelakandan-India/SCDX)

**SEYCHELLES**--FEBA Sked to 5/7 8065 1815-19; 7275 2345-0200; 9565 0045-02; 9610 03-04; 9730 14-1430 (Sun 1445); 9770 16-1730; 11760 1830-1915; 11810 0130-04, 1645-1730, 1730-1815 (Fri/Sat 1830); 11860 1600-1845; 11870 1245-1615; 11915 19-2015; 11930 1615-17; 15250 0345-0430 Su/Mo/Fr/Sa, 0430-0530 Su/Sa; 15275 0715-09 Su; 15300 0215-0430 (Su 0445, Fri 05); 15325 0430-0540 Sa/Mo, 1215-1630; 15415 1045-1145; 15430 09-10 (Sa 1015); 17780 0430-0530 Mo, 0715-09 Su. EE: 0432-0530 Sat 15325; 0432-0530 Mo 17780 15325; 0727-0835 Su 17780 15275; 1458-1610 (Su 1612) 11870 15325; 1610-1625 Mo-Fri 15325; 1731-1804 (Fri; Sa 1824) 11810. (FEBA/DXLD 24)

**SOUTH AFRICA**--Direct from Meyerton, here is the latest schedule for South Africa's internal services:

**R. Suid Afrika**

1635-1950	4810	Afrikaans	0430-1710	9665	Afrikaans
0300-0455	4810	Afrikaans	1710-0430	3320	Afrikaans
0455-1635	11770	Afrikaans			

**R. Five**

0300-0445	4880	English
0445-1630	11880	English
1630-2400	4880	English

**R. Orion**

1950-0300	4810	Afrikaans/English
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**R. Drang**

0300-0420	3215	Afrikaans
0420-1640	7285	Afrikaans
1640-1930	3215	Afrikaans

South Africa's external service schedules may be undergoing some extensive re-shuffling as you read this, Namibia, which achieved independence on April 1, is the target for a proposed new R. RSA Afrikaans service. Three days of testing were conducted last month, with signal strength readings being taken by helicopter over the target area. The tentative schedule is 0650-2100 UTC, with these frequencies mentioned: 11805 "daytime" (local time), 6130 "night" (local time), and 4965 "night" (local time). No definitive start-up date was available as of this writing (3/22).

Here's the latest R. RSA EE sked: 02 9585 9615 11730; 04-0415 7295 9580 11900; 11 11900 21535 21590; 12 9585 11900 21590; 1300 9585 11900 21590; 14-16 11925 17555 21590 21670 25790; 18 17795 21535; 19 7295 17795 21590.

**SUDAN** (happy, GH?)--Sked National Unity Radio 1200-1500 (incl EE 1445-1500).

Address: National Unity Radio, General Command of the Sudanese Armed Forces, Moral Guidance Branch, PO Box 15, Khartoum, Sudan. (BBCMS/LN/FRENDX 3/89) Freq 9435.

**ZAMBIA**--The always slightly variable freq of 4910 now drifts as far as 4909 to 4918. (korinek-RSA)

**ZIMBABWE**--4828.2 regular, strong but undermodulated. 5011v irregular, in fact very rarely heard. (korinek-RSA)

**CLANDESTINE**--The "Voice of the SPLA, Sudanese Revolutionary Armed Struggle" has been heard in English at 13:00 on approximately 11715 kHz. (V. Easwaran-India/SCDX)

VO the Libyan People new 11820 0550-past 0700, from 1956 on 9500. VO the People on 11825 from 1900-1955. (Behr-DNT/DXLD 24)

.....  
**HOW'M I DOIN'?** - You know, this column isn't cast in stone. If there is anything about it which rubs you the wrong way - my crummy dot-matrix printer, my pointless asides, the way I spell my name - a simple note dropped in the mail will bring it to my attention. Your direct comments and criticisms are always welcome here. Sideswipes in other print media are not.

Thanks to all participants this month! As promised last issue, each direct contributor (but not those via David Jones) has been mailed not one, but two delicious Freihofer's chocolate chip cookies. Heaven only knows what they'll look like after the Postal Service gets through with 'em. Anyway, too bad there weren't more of you. Looks like I'll have to finish the box off myself.

*73, Al*





# ASIA/OCEANIA

William Westenhaver  
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H2X 2C1

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

Well folks, it's April--another one of those months when I have to try to shoehorn seven pages or so of logs into five pages. My apologies in advance for all the condensation!

## AUSTRALIA

### VL regionals Radio Australia

- 2325 0947 VL8T TENNANT CREEK: EE: Pop mx; phone interviews; //weaker 2310 and 2485 (242 2/19 Pimblett-AB)
- 2485 1040 VL8K KATHERINE: EE: Px of opera arias--a change from the usual country and western mx! (252 2/9 Burnell-NF)
- 9610 1406 VLW9 PERTH: EE: Bits and pieces of nx; ments of Australia; M/W Flk @ 1413; very noisy (111 2/12 Cichorek-NJ)
- 9660 1015 VLQ9 BRISBANE: EE: Interview w/country musician and some of his songs, incl. "Kangaroo Blues" (322 2/19 Wright-MB)
- 15425 0455 VLW15 PERTH: EE: Market prices; ID as "ABC Radio"; @ 0500 TP for 1:00 and nx; some QRN/QSB (334 2/1 Miller-CA) @ 0804 w/nx; ID and pop mx (444 2/12 Brown-HI--fleeing the IL winter!)
- RA reported on 7215, 9580, 9645, 9710, 9770, 11720, 11910, 15140, 15160, 15240, 15315, 15320, 15395, 17750, 21740 KHz--in EE except for FF on 15315--by Blair-CA, Brown-HI, Burnell-NF, Card-RI, Cichorek-NJ, Etten-MN, Kunkel-CA, Miller-CA and yours truly.

## BANGLADESH

### Radio Bangladesh

- 11510 1914 RB: BENGALI/EE: Mx; EE ID @ 1919 and M nx; hum and poor audio (333 2/11 Cichorek-NJ) on 11511 @ \*1814 w/IS; M ID/preview; M nx; W cmtly... (353 2/21 Matsushita-JAPAN)

## CHINA

### Central People's Bcast Stn Radio Beijing

#### VO Democratic Kampuchea Red Cross Bcast Sce relay

- 3309.9 1006 JILIN PBS: CC: W hosts px of CC pops; choral mx @ 1012; fades out very fast by 1017 (242 2/26 Burnell-NF)
- 3940 1037 HUBEI PBS: CC: M/W endless tlk; @ 1100 5+1 TP and more tlk; ARO QRM (222 2/19 Burnell-NF)
- 3990.1 1101 VO PUJIANG: CC: M/W long nat'l wx rpt w/ID in the middle!; CC mx de 1110; //4950 was stronger (222 2/9 Burnell-NF)
- 4760 1129 YUNNAN PBS: CC: M/W nx rpts; rest of band was dead except for HM via Cuba! (252 2/12 Burnell-NF)
- 4785 1056 ZHEJIANG PBS: CC: M/W cmtly; bit of inst. mx; @ 1100 TP, TC and ID then off immediately (333 2/4 Burnell-NF)
- 4865 2218 GANSU PBS: CC: Px of patriotic mx, all by same man w/choir and band; deteriorating rapidly (232 2/5 Burnell-NF)
- 4900nf? 1302 HAIXIA-2: CC: M/W tlks; CC inst mx and more M tlk; some ute QRM; //4330, 4840 and 6000--all QRM'd (fr-gd 2/25 Famularo)
- 4915 1410 GUANGXI PBS: CC: W ID; px "English on the Way" by M/W to 1425 (444 2/21 Matsushita-JAPAN)
- 4975 1535 FUJIAN-1: CC: W nx; then px apparently abt Taiwan (good 2/25 Howell-CA)
- 5020 1039 JIANGXI PBS: CC: Usual CC rpts by M/W; fading fast--gone by 1050 (242 2/25 Burnell-NF)
- 7405 1510 RB: EE: Nx and cmtly; ID's; mx/tlk on Chinese history (555 2/22 Miller-CA)
- 7480 1645 RB: RR: M RR tlk w/light CC mx (353 2/25 Kunkel-CA) (Is this a nf, ex-7470?-ed.)
- 7820 1210 RB: EE: Cmtly on handicaps; then concert by students (322 2/4 Etten-MN)

(More China overleaf.... It was a pleasure to meet again our very own China watcher, Jean Burnell, when he was in town in mid-March!)

CHINA continued...

8566 1349 CPBS MINORITY SCE.: (1)UIGHUR/KAZAKH: W tlc ment Gorbachev; lcl mx/songs; 1357-59 OC; IS; anthem; Kazakh s/on; //8007 was fair (fr-gd 2/14 Famularo-JAPAN)  
9565 1518 RB: CC: Px of mx w/w host; M tlc @ 1528; mixing w/co-channel VOA (322 2/28 Blair-CA)  
9665 1130 RB: EE: Folk songs and tlc of CC folk mx/operas (545 2/11 Robinson-TN)  
11660 \*1200 RB: EE: S/on w/headlines/nx by M; flutter and echo; //9665 which is abt 1/2 second behind (323 2/25 Blair-CA)  
11695 \*1312 RCBS RELAY: EE: Horn fanfare IS; ID; rpt on ICRC work in Afghanistan; //15135 (pr-fr) (fair 2/27 Famularo-JAPAN)  
15100 0140 RB: SS: CC mx to 0145; then tlc (343 2/14 Rogers-MA)  
15135 \*0830 RB: IN: IS; CC ID and "Inilah R. Pekin"; then W nx (fair 2/26 Famularo-JAPAN)  
15165 1400 RB: EE: Nx; nx abt China--guests in Beijing (353 2/11 Wright)  
15550nf? 0040 CPBS: CC: M/W dialogue; TP for 0100 and W ID ment Beijing (232 3/7 Cichorek-NJ) @ 0640 w/w cmty--seeded CPBS-1 (444 2/19 Kunkel-CA)  
15670 0120 CPBS MINORITY SCE.: (1)KAZAKH: W tlc to 0124; then exotic string mx to 0127\*; //11375 (6920 inaudible) (fr-gd 2/18 Famularo-JAPAN) @ 0629 w/soft chime IS; W/M ID; anthem--NOT "East Is Red" (455 2/19 Kunkel-CA)  
17680 0455\* VODK: CAMBODIAN: W ID just before abrupt s/off (555 2/14 Kunkel-CA)

CYPRUS BBC WS relay reported on 6180, 15360, 17885 by Brown-HI, Dillon-GREECE and Cichorek-NJ--but 15360 @ 0720 is actually via Singapore and 17885 @ 0405 is via Seychelles--confusing, eh?

GUAM

KTWR KSDA

11805 0805 KTWR: EE: Px notes; ID; sermon and rlg drama "Unshackled" (443 2/11 Brown-HI)  
11980 1600 KSDA: EE: "AWR Magazine" on crime/poverty in Tokyo (excellent 2/27 Hoss-Nutt-JAPAN) (Welcome to the column, James!--ed.)

HONG KONG

BBC WS relay reported on 7180, 15280, 17815 kHz by Brown-HI, Famularo and Matsushita-JAPAN and yours truly. (By the way, Matsushita-san reports the following extensions of the BBC WS relay sked: 15280 and 17815 kHz are now on the air Sundays \*0100 (other days \*0300)-0945\*. Thanks for the info!)

INDIA

All India Radio

4860 1433 AIR DELHI: EE: M nx/sports; //4840 (Bombay) was SIO 322 (444 2/20 Pimblett-AB)  
4940 0200 (t)AIR GAUHATI: ??: Gagas/Hindu scripture readings; fairly certain of ment of Gauhati @ 0215 (gd 2/3 Howell-CA)  
7210 0125 AIR DELHI: HINDI: IS; s/on; M/W tlc; //9550 (Aligarh) SIO 353 and //11830 was SIO 555 (333 2/27 kunkel-CA)  
11620 1324 AIR: SINHALA: M tlc and sub-continent mx; ID @ 1330; very noisy (222 2/12 Cichorek-NJ) @ 2115 in EE w/w vocals in sub-cont classical style; @ 2130 ID/M nx (SIO? 3/6 Thornton)  
15280 1606 AIR: (1)SWAHILI/HINDI: Indian songs; table/flute mx; @ 1615 (p)Swahili ID and into Hindi w/"Yen All India Radio Hay" and more trad Indian mx (fair 2/11 Famularo-JAPAN)

INDONESIA

Radio Republik Indonesia

4753 1550 RRI UJUNG PANDANG: IN: lcl mx; W anmt; SCI; feeble TP's; M "warta-berita Asian"; 1612\* (343 2/17 Hanson-WA) @ 1550 w/ lcl EZL mx w/w ancr; @ 1600 M nx (fr-gd 2/27 Ross-Nutt-JAPAN) @ 1309 w/tlc px; //4927 (Jambi Sumatera) and 4955 (Banda Aceh) (444 2/28 Kunkel-CA)  
4845 0945 RRI AMBON: IN: Qur'an and sub-continent-style mx; @ 0958 signal peaked as W gave ID (lucky me!) (fair 2/29 Famularo-JAPAN) (Isn't there a law against fading up for ID's-hi!--ed.)  
4927 2259 (p)RRI JAMBI: IN: Very weak SCI and nx; a real plague of utes all around! (222/221 2/5 Burnell-NF)  
5044.8 0922 RRI JAYAPURA: IN: W tlc; Beatles' "Hey Jude"; @ 0928 W ID; nothing on 6070 (243 2/19 Famularo-JAPAN)

IRAN

Voice of the Islamic Republic of Iran

15084 0150 VOIRI: SS: Nx; ID @ 0153 (343 2/14 Rogers-MA) @ 2245 in (p) Farsi w/tlks and mx; M ment Farsi; nx @ 2305 (344 2/14 Miller)

IRAQ Radio Baghdad  
 9515 0300 RB: EE: Px "Iraq, Cradle of Civilization" (323 2/20 Zacher-IL) @ 0418 w/full ID; anmts; anthem; 0421\* (333 2/28 Blair-CA) (433 2/15 Etten-MN) (555 2/11 Wright-MB) (545 2/23 Miller)  
 11895 1800 (t)RB: AA: M tlk w/ments Baghdad; no positive ID (233 2/25 Kunkel-CA) (ILG listed both Baghdad and RM in AA on this frq so it might or might not have been them.-ed.)  
 15110 \*0559 (p)RE: AA: Brief bit of AA mx; TP; M nx to 0603 (missed ID); then more AA mx; fits listed \*0600 joining HS in progress (fair 2/18 Famularo-JAPAN)  
 15430 2054 RB: AA: M ID; inst mx; chime @ 2059; then M nx (333 2/26 Matsushita-JAPAN)

ISRAEL Kol Israel logged on 7460 (varying 7462/7465), 9385, 9435, 12077 and 15616 kHz in EE (except 9385 SS/15616 Hebrew) by Bishop-NY, Fraser-MA, Kunkel-CA, Muzyka-NY, Valentine-CA, Wakefield-IA and ed.

JAPAN Nihon SW Bcasting Radio Japan  
Radio France Internationale relay  
 3925 0925 NSB: JJ: Nx/cmty; ID sounds like "Rad-yho Tan-pa" (fr-gd 2/22 Howell-CA)  
 17710 2330 RFI: FF: Mx to 0000; ID and w nx; //9805 via France (455 2/26 Kunkel-CA)  
 RJ reported on 5990, 9505, 9535, 15280, 15325, 17810, 17825 in EE (except 9535 @ 1730 in Swahili) by Brown-HI, Kunkel-CA and Wright-MB.

JORDAN Radio Jordan  
 9835 2306 RJ: AA: M nx in city-item format; 2312-2315 Qur'an; "Huna Amman" ID and more recitation to 2328; anmt w/full ID; NA; 2331\*; on top of co-chan Budapest (433 3/6 ed.)  
 11645nf 1800 RJ: AA: M ID/brief nx; other M hosts AA mx px; QRM de Greece; //9835, 11810 (333 2/19 Matsushita-JAPAN)  
 11940 0500 RJ: AA: TP; ID and M nx; another "Huna Amman" ID @ 0524; //11810, 11955 (353 2/28 Kunkel-CA)

KAMPUCHEA Voice of the People of Kampuchea  
 4910 1104 VOPK: CAMBODIAN: M ID; M/w nx (422 2/26 Matsushita-JAPAN)

KOREA, D.P.R. Korean Central Bcast System Hadio Pyongyang  
 4410h 2010 KCBS WONSAN: KK: 5x882MW w/long W tlk; brief inst mx; choral singing; //2850, 3350, 3960, 6100, 9665, 11681 (6100 strongest) (pr-fr 2/25 Famularo-JAPAN) (Nice one!!-ed.)  
 7230 \*1200 RP: CC: M/w s/on routine; same duo tlks; beat to death by a ham calling "seek you" (333 2/23 Blair-CA) (Art, he was really calling "CQ," but it means about the same thing.-ed.)  
 9600 1100 RP: EE: Tlk of self-reliance/independence, quoting Pres. Roosevelt (444 2/10 Robinson-TN) (Teddy or F.D.R.?-ed.)  
 9977 1112 RP: EE: Nx including item abt flower named for Kim Jong-il blooming in Jakarta; ID @ 1120 (343 2/23 ed.)  
 1:740 1720 RP: EE: M tlk on reconstruction by the masses (323 2/21 Blair)  
 13650 \*2300 RP: EE: NA; w w/sked and nx; poor signal/bassy voice (232 2/26 Woering-MA)  
 15180 0810 RP: EE: Rpt on anti-US demonstrations in S. Korea (433 2/17 Brown-HI) @ 0435 w/tlk on S. Korea being US puppet and imperialist...0449\*; no ment of Great Leader (444 2/1 Miller-CA) (Maybe he's off taking the waters again-hi!-ed.)

KOREA, REP. OF RK logged on 7275, 7285 (nf?), 9570, 9750, 15575 kHz in EE (except 7285 RR) by Bishop-NY, Blair-CA, Kunkel-CA, Lemke-AB, Miller-CA, Robinson-TN, Wright-MB.

KUWAIT Radio Kuwait  
 11665 0403 RK: AA: W (p) nx ending w/"Idha'atu al'Kuwait" in passing; then she chats w/mx cuts; not //15495 (15505 not hrd) (433 3/11 ed.) @ 1800 in EE w/TP; ID; feature px (242 2/6 Rogers-MA) (322 2/26 Woering-MA) (444 2/11 Cichorek-NJ)  
 15495 0402 RK: AA: AA chants/Qur'an readings (243 2/15 Wright-MB)  
 15505 1623 RK: AA: Mx; M tlk interspersed w/electronic mx by Vangelis; //15495 (pr-fr) and 11990 (pr-unusable) (pr-fr 2/11 Famularo)

(No room to start a new country here, but there is enough space to say "Hi!" to everyone who was at the Winter SWL Fest in beautiful Kulpsville, PA, in February. Hope we'll all be there again next year!)

LEBANONKing of Hope

6280.2 1959 KoH: ??/EE: M tlk in unID lang (didn't sound like listed Swedish); @ 2000 EE ID as "King of Hope" and EE px (242 3/4 Burnell-NF) (It's been reported that they're using only this frq now, abandoning 6215 acct R. Caroline QRM.-ed.)

MALAYSIARadio Television Malaysia

4845 0945 RTM KAJANG: EE: W w/very thick accent; Buddhist prayers; ID @ 0950 (good 2/26 Howell-CA)  
 4950 1527 RTM KUCHING: EE: M DJ w/soft rock mx (fr-gd 2/25 Howell-CA)  
 5005 1043 RTM SIBU: VERN: Light mx; @ 1100 TP; ID; (p) nx w/mainly lcl items (232 2/12 Burnell-NF)

MARIANA IS.

KPBS hrd on 9465 kHz in RR by Berri-CA, Burnell-NF and Wright-MB; and on 9575 in VV by Quaglieri-NY. KYOI hrd in EE on 11900 by Lemke-AB and on 17780 by Brown-HI.

MONGOLIARadio Ulan Bator

11990 \*1200 RUB: EE: IS; Mongolian/EE ID's; sked/world nx (fair 2/16 Famularo-JAPAN) (Watch out! Tetsuyo Konda reports--via 2/28 Hauser/SWLD--that RUB on 12015 is putting out many spurs at multiples of plus/minus 24.2 kHz from the fundamental.-ed.)

NEW CALEDONIARFO Nouméa

7170 0714 RFO: FF: Soccer results; EE/FF pops (343 2/22 Pimblett-AB) @ 0940 w/M/W DJ's w/lcl pops; ARO QRM (fair 2/19 Howell-CA)

NEW ZEALAND

RNZI reported on 9850 and 17705 kHz (lots of cricket!) by Calligan-CA, Ethen-MN, Matsushita-JP, Robinson-TN, Thornton-NJ and Wright-MB.

PAKISTANRadio Pakistan

4780 1425 (t)RP: URDU?: ur'an; then M tlk (232 2/16 Pimblett-AB)  
 9475 1400 RP: URDU: "Typewriter mx"; TP; ID/nx (242 2/19 Burnell-NF)  
 15115 0231 RP: EE: Slow-speed nx; no actual ID hrd (211 2/22 Thornton)  
 21490 0230 RP: EE: ID; W dictation-speed nx (fr-pr 2/15 Famularo-JAPAN)  
 21575nf 0836 RP: URDU: lcl mx and M/W tlks to 0900; Nx theme and "R. Pakistan" ID; nx to 0905; this frq ex-21490; //17660 was poor (pr-fr 2/12 Famularo-JAPAN)

PAPUA NEW GUINEA

3385 1125 R. EAST NEW BRITAIN: PD: lcl versions of western pops w/M DJ; ID; nice signal! (353 2/27 D'Angelo-PA)  
 4890 1359 NBC PORT MORESBY: EE: Closing anmts @ s/off (232 2/15 Pimblett)

PHILIPPINESRadio Veritas Asia Far East Broadcast Corp  
Voice of America relay

9540 1358 RVA: VV: IS; EE/VV ID's; M tlk (444 2/23 Miller-CA)  
 15100nf \*1115 FEBC: LANG: IS; EE ID ment start of "Vietnamese tribal bcst"; lang ID; organ mx; W tlk (fr-gd 2/17 Famularo-JAPAN)  
 15325 0130 RVA: EE: ID/frq; mx and rlg tlks; much QRM (222 2/18 Miller)  
 VJA relay logged in EE on 6110, 11760, 17735, 17820 kHz by Kunkel-CA, Muzyka-NY, Rogers-MA, Thunberg-PA, Wright-ME.  
 Matsushita-JAPAN notes that the logging of FEBC in JJ on 6120 kHz in the Feb. column was mis-ID'd, since FEBC dropped JJ bcasts on 5/4/1985! Thanks!-ed.

SAUDI ARABIABcast Sce of the Kingdom of Saudi Arabia

15060 1810 BSKSA: (1)BAMBARA: OM tlk on and on and on (353 2/25 Kunkel)  
 15140 0547 BSKSA: AA: M tlk; M singing w/wind insts; 0600 ID/(p) nx; best 0549-0600 when Pyongyang was off (pr-fr 2/16 Famularo-JAPAN)

SINGAPORE

SBC logged in EE on 5052 kHz by Howell-CA and on 11940 kHz by Famularo-JAPAN. BBC WS relay in EE logged on 9740, 11750 and 15360 kHz by Brown-HI, Kunkel-CA and Miller-CA.

SOLOMON ISLANDSSolomon Islands Broadcast Corp

5020 1159 SIBC: EE: Tail end of tlk; ID/frq and s/off anmts; inst NA: 1203\* (453 D'Angelo-PA)  
 9545 0703 SIBC: EE: Community calendar px; W tlk abt Solomon Islands Airlines and luggage; mx (222 2/11 Brown-HI)

(Only one more page to go?)

SRI LANKASri Lanka Bcast Corp VOA relay

11800 0200 SLBC: HINDI: Mx px w/Hindi ancr; even managed to hear //7190 (SIO 222 w/QSB)--amazing! (233 2/27 Kunkel-CA) (I agree!-ed.)  
VOA relay logged in EE on 9645 and 15250 by Kunkel-CA and Rogers-MA.

SYRIA R. Damascus logged in EE on 12085 kHz in 2050-2116 period by Cichorek-NJ, Etten-MN and Lemke-AB.

TURKEYVoice of Turkey

6120 0445 VOT: AZERI: M tlk to 0450, when this frq and //11730 both went off w/out IS (334 2/21 Kunkel-CA)  
7250 2340 VOT: TK: Lcl mx; W ID/frqs; 2345\* (333 2/20 Muzyka-NY)  
9445 2300 VOT: EE: "Oldies But Goodies" mx px (343 2/19 Zacher-IL) @ 0420 w/"Letterbox" tlk abt tea because "no mail" (444 2/16 Lemke-AB) (They do need mail, folks; write today!-ed.) (also logged by Fraser-MA, Woering-MA and Wright-MB)  
9825 2115 VOT: EE: Turkish mx; ID (433 2/12 Rogers-MA) @ 2242 in FF w/contemporary chamber mx; ID "Ici la Voix de la Turquie"/nx headlines; brief s/off anmts; 2253\* (232 2/7 ed.)  
17785 1342 VOT: EE: Tlk on Turkish-Greek relations; ID/Turkish mx; ID/IS @ 1355\* (333 2/12 Cichorek-NJ)

UNITED ARAB EMIRATES

VO UAE Abu Dhabi logged in AA on 11965, 17705, 21515 and 21735 kHz by Berrri-CA, Cichorek-NJ, Famularo-JAPAN and Kunkel-CA.  
UAE Radio Dubai logged on 15435 kHz (EE), 17830 kHz (AA) and 21700 kHz (EE) by Kunkel-CA and Matsushita-JAPAN.

VIETNAMVoice of Vietnam

9840 1745 VOV: VV/EE: Mx ("really classical propaganda mx"); into EE @ 1800 w/tlk abt Kampuchea; //15010 was SIO 343 (444 2/18 Kunkel-CA) @ 1800 w/anthem; ID "This is the Voice of Vietnam" and tlk abt Kampuchea (242 2/18 Wright-MB) (Are you guys psychic or what??-ed.)  
10060 1224 HANOI HS relay: VV: W tlk; VV mx/songs; //6448 was poor-fair (fair 2/17 Famularo-JAPAN)  
12018.7 1022 VOV: EE: Tlk abt ancient sites; VV mx; @ 1027 ID at end of px (433 2/12 Burnell-NF)  
15010 \*2330 VOV: EE: Anthem and s/on anmts; nx; frqs/skcd (222 3/6 Thornton-NJ) @ 1335 w/"This nx comes to you from the Voice of Vietnam" (242 2/21 Rogers-MA) @ 1919 w/ID; feature on art; address; 1926\* (242 2/19 Wright-MB) @ \*1000 w/s/on routine; editorialized nx of Australian-Vietnamese relations, etc. (fair 2/16 Famularo-JAPAN) @ 1940 in FF w/lots of nx abt Kampuchea; ID and mx (353 3/2 Kunkel-CA) on 15009.6 @ \*1600 in EE (333 2/21 Blair-CA)

UNIDENTIFIED

4770 1013 CC?: Tlk in what sounded like a dialect; possible poetry reading (poor 3/1 Howell-CA) (Joe, you had this tentatively down as Taiwan-1, but I'm not sure. The latest ILG--finally arrived!--lists Taiwan-1 on this frq only 1400-2300 UTC. However, they do list R. Pyongyang in KK here in this time slot; is there any chance that it could have been them?-ed.) (Can any of our readers help on this one?)

Well, that finished more quickly than I'd expected. When I sit down to do this, it's very hard to know in advance just what I will or won't have room to print, so I apologize again to anyone whose favourite logging may have become a slip on the cutting room floor. A number of loggings which were made in March have been saved over until next month, when there may be a bit more space for them--particularly if the awful propagation conditions we've had lately continue! "They are not lost, but simply sleep...."

Thanks again to everyone for their loggings and letters. (I'm a bit behind again in my correspondence, but I should be getting the letters answered before too long.) Again, it's nice to welcome some new contributors this month: Calligan and Blair-CA, Rogers-MA, Ross-Nutt-JAPAN and Zacher-IL. I hope that you'll all be returning next month!

To close, here's one A/O question which has been bugging me for a while now: Why does R. Pyongyang never talk abt Mrs. Kim Il-Sung? Does anybody know?

73 Tim Mass - BIA

# OSI REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

## AFRICA

- /CONGO/ R Congo: 15190 f/d pfc in 315 ds after f-up for a FF rpt & \$1 V/S J.P. Mongo Slyhm. QTH: B.P. 13857 Brazzaville. (Bryant-OK).
- /LIBERIA/ ELWA: 4760 n/d x'mitter site cd w/ sked & info in 103 ds for 3 ircs. V/S J. Token. (Saarikko-NY). ELBC: 6070 f/d Logo cd in 84 ds for an irc. V/S J'Obae Carr. (Kunkel-CA).
- /MOROCCO/ RTV Marocaine: 17595 f/d Map cd in 61 ds for an irc. (NY-Gerstner). f/d cd in 135 ds for a tape & 4 ircs. V/S T.M. Jamal Eddina. (Carson-OK).
- /NIGER/ ORTN: 5020 f/d ltr in 98 ds for a FF rpt & an irc. V/S Yacouba Alwali. (Kunkel-CA).
- /SEYCHELLES/ FEBA: 11810 f/d Globe cd in 75 ds for an irc. V/S Doreen Dugasse. (Gerstner-NY).
- /SOUTH AFRICA/ Radio RSA: 9580 f/d Cape Town cd in 30 ds. (Wright-MB). 9580, 11770, 11875 & 15175 f/d Canyon cd w/ stickers in 18 ds for an irc. (Carson-OK).

## ASIA

- /INDONESIA/ VoI: 11788 f/d Parasol Dance cd w/ tourist info in 181 ds for an irc. (Kunkel-CA). RRI Jakarta: 3276.8 f/d pfc in 3 mo after f-up for an IN rpt & \$1. V/S Nazaruddin Syarbaini. (Bryant-OK). RRI Sibolga: 5257 n/d form ltr in 41 ds after 3rd f-up for an IN rpt & \$1. V/S B.A. Tanjung. (Coday-CA).
- /IRAQ/ R Baghdad: 9515 f/d folder cd in 46 ds for 2 ircs. (Johnson-ID). 9770 f/d cd w/ info in 86 ds. (Leader-IRE).
- /ISRAEL/ KOL Israel: 9435 f/d Logo cd in 39 ds. (Wright-MB).
- /JAPAN/ R Japan: 11800 p/d Towers cd w/ sked in 38 ds. (Leader-IRE). NSB: 9595 f/d x'mitter photo cd in 4 mo for 2 ircs. (Wallace-MA). RCI Relay: 11705 f/d Huamn Rights cd in 1 1/2 wks. (Wallace-MA).
- /JORDAN/ R Jordan: 9560 f/d Logo cd w/ decals in 30 ds for \$1. (Coday-CA). f/d cd w/ pfc, sked & stickers after quite an ordeal over 5 years! (Bryant-OK).
- /KAMPUCHEA/ VoPK: 11938 f/d ltr w/ cd & pennant in 30 ds after numerous f-ups, for a FF/EE rpt & \$1. (Bryant-OK).
- /KUWAIT/ R Kuwait: 11665 f/d cd w/ mucho goodies in 26 ds. V/S Ari Jahr. (Etten-MN).
- /PHILIPPINES/ FEBC: 9830 f/d cd in 85 ds for 3 ircs. V/S Alinda Landma (Blight-MD). 11850 f/d cd w/ pennant & sticker in 71 ds for an irc. (Gerstner-NY).
- /SRI LANKA/ VoA Relay: 15250 f/d Stamps cd in 65 ds. (Gerstner-NY).
- /THAILAND/ R Thailand: 9655 f/d Market cd w/ Seasons Greetings cd in 90 ds after many tries for \$1. V/S Mrs. Bubpa Laemluang. (Bryant-OK).
- /TAIWAN/ Voice of Asia: 7445 f/d Memorial Hall cd w/ goodies in 28 ds for \$1. (George-NC). f/d Bridge cd w/ goodies in 34 ds after 2nd f-up for \$1. (Coday-CA).
- /TURKEY/ VoT: 9445 f/d Ankara cd w/ info in 72 ds (Leader-IRE). Voice of Meteorology: 6900 f/d ltr w/ info in 63 ds for \$1. V/S M. Cemil Ozgul. (Bryant-OK).
- /U.A.E./ V of the UAE: 9595 p/d cd w/ sked in 50 ds for 3 ircs. (Card-RI). 11965 p/d folder w/ sked & info in 52 ds V/S Ahmed A. Shouly (George-NC). p/d folder in 88 ds for 2 ircs. (Johnson-ID). R Dubai: 15435 f/d Map cd w/ pennant & sked in 26 ds for 2 ircs. V/S K.F. Penner. (Etten-MN).



EUROPE

- AUSTRIA RAI: 9875 3 f/d cds in 18 ds. (Miller-CA). f/d Costume cd in 51 ds. (Levison-PA). f/d cd w/ sticker & sked in 77 ds. (Etten-MN).
- BELGIUM BRT: 1512 f/d Town cd in 42 ds. (Leader-IRE). 9925 f/d Cartoon cd in 34 ds. (Levison-PA). 9925 & 21810 f/d cd in 49 ds. (Gerstner-NY). RTBF: 21460 f/d Grand Square cd w/ sticker in 16 ds. (Cole-CO).
- CZECHOSLOVAKIA R Prague: 5930 f/d Chateau cd in 45 ds. (Levison-PA).
- DENMARK R Denmark: 15165 f/d Painting cd in 29 ds for 2 ircs. V/S Buile Bang. (Johnson-ID).
- FRANCE RFI: 6175 f/d Eiffel Tower cd w/ sked in 59 ds. (Leader-IRE).
- GERMAN DEM. REP. RBI: 9730 f/d Trains cd w/ postcards in 95 ds. (IRE-Leader). 11785 f/d Berlin cd w/ Calendar in 27 ds for an irc. (Carson-OK).
- GERMAN FED. REP. DW: 11945 n/d cd w/ ltr & stickers in 17 ds for an irc. (Carson-OK).
- IRELAND Boyneside Radio via Radio Fax: 6205 f/d cd w/ info in 14 ds for \$1. (D'Angelo-PA).
- ITALY AWR: 7257 f/d Martin Luther cd w/ calendar & book in 43 ds. (Leader-IRE).
- MONACO TWR: 1467 f/d Logo/Globe cd w/ sked in 54 ds. (Leader-IRE).
- NETHERLANDS RN: 17605 f/d Painting cd in 32 ds for an irc. (Carson-OK). f/d Building cd w/ stickers in 52 ds. (Gerstner-NY).
- ROMANIA R Bucharest: 9570 f/d Exhibition cd w/ stickers in 72 ds (Gerstner-NY). 11940 f/d Emblem cd in 90 ds. (Levison-PA). f/d cd w/ ltr in 170 ds. (Miller-CA).
- SPAIN REE: 9630 f/d Fountain cd in 38 ds. (Leader-IRE). 2 f/d cds in 94 ds. (Miller-CA). f/d cd w/ map & info in 102 ds for an irc. (Carson-OK). 15375 f/d Bell Tower cd in 55 ds. (Leader-IRE).
- SWEDEN RSI: 15345 f/d Antenna Tower cd in 46 ds for an irc. (Carson-OK). f/d Stockholm cd in 46 ds for an irc. (Carson-OK). 15345 & 21615 f/d Anniversery cd w/ info & stickers in 23 ds for an irc. (Carson-OK).
- SWITZERLAND SRI: 6135 f/d Recording Studio cd in 30 ds for an irc. (Carson-OK). 9885 f/d Dele'mont cd in 60 ds. (Brown-IL)...Ed got the card while on vacation in Hawaii; sounds like tough duty!!
- VATICAN CITY R Vaticana: 6248 f/d x'mitting centre cd w/ sked in 48 ds. (Leader-IRE).
- YUGOSLAVIA R Yugoslavia: 9620 f/d Housing cd in 62 ds for \$1. (PA-Levison).

U.S.S.R.

- R Kiev: 7400 f/d Memorial cd w/ stamps & survey in 65 ds for 3 ircs. (Carson-OK). f/d Museum cd w/ stamps in 65 ds for 3 ircs. (OK-Carson).
- R Peace & Progress: 9715 f/d Logo cd in 40 ds. (Cole-CO).
- R Riga: 5935 f/d Meistaru Street cd w/ sked & New Years cd in 61 ds. V/S R. Visnere. (D'Angelo-PA).
- R Vilnius: 15445 f/d Clock Tower cd w/ ltr, sticker & sked in 108 ds. V/S Edvinas Butkas. (Levison-PA).

NORTH AMERICA

- ALASKA KNLS: 7355 f/d Antenna cd w/ sked in 15 ds for ms. V/S Beverly Jones. (Card-RI).
- CANADA CHNX: 6130 f/d Greetings cd in 20 ds for \$1. V/S K. Arsenault (Blight-MD).
- GUATEMALA La Voz de Nahuala: 3360 f/d cd w/ ltr in 32 ds for a SS rpt. V/S Juan Fidel Lepe Juarez. (Robinson-TN) R Buenas Nuevas: 4800 f/d Bird cd in 39 ds for a SS rpt & \$1. (Cole-CO).
- MEXICO La Hora Exacta: 9555 p/d personal ltr w/ stickers in 36 ds for a SS rpt & \$1. V/S Lic. Irene Moreno Cobar. (D'Angelo-PA).
- NETHERLANDS ANTILLES RN Relay: 6165 f/d Happy Station cd in 27 ds (Kline-CA). TWR: 9535 f/d Anniversary cd w/ ltr & pennant in 45 ds for 3 ircs. V/S Sally Rork. (Carson-OK). 11930 f/d cd w/ pennant sked & info in 26 ds for 2 ircs. (Saarikko-NY).



U.S.A./ VoFC Relay: 5985 f/d Float cd w/ goodies in 19 ds. (Levison-PA). f/d Control Room cd w/ goodies in 23 ds. (Levison-PA). f/d Globe cd w/ goodies in 51 ds. (Levison-PA). WHRI: ?? f/d Logo cd in 120 ds for ms. V/S Loren Holycross. (Carson-OK). 7400 f/d cd in 272 ds for ms. (Carson-OK). WINB: 15295 f/d plain white cd in 35 ds for ms. (Carson-OK).

#### OCEANIA

AUSTRALIA/ R Australia: 9560 f/d koala cd w/ calendar & sked in 83 ds. (Etten-MN). 6060, 9580 & 9655 f/d cd w/ calendar in 62 ds for an irc. (Carson-OK). VL8A, VL8T & VL8K: 2310, 2325 & 2485 f/d form ltr in 47 ds. V/S Sue Camilleri. (Cole-CO).

MARIANAS ISLANDS/ KSDA: 11810 f/d station cd w/ stickers & ltr in 42 ds for 3 ircs. (Carson-OK). 11980 f/d cd w/ stickers in 45 ds for 3 ircs. (Carson-OK). KTRW: 11805 f/d Bridge cd in 20 ds for ms. V/S Sandy Damick. (Johnson-ID).

#### SOUTH AMERICA

ANTARCTICA/ LRA36: 15476 f/d Map-Penguin cd in 2 1/2 mo for 4 ircs & a tape. V/S Rual Marcelo Navarro. (Wallace-MA).

BOLIVIA/ R Panamericana: 6105 f/d Map-Logo cd w/ ltr in 35 ds Regist ered mail for a SS rpt & \$1. V/S Daniel Sanchez Rocha. (Coday-CA).

BRAZIL/ RadioBras: 11745 f/d Cathedral cd in 104 ds. (Gerstner-NY).

ECUADOR/ HCJB: 6130 & 6230 f/d City Sketch cd in 24 ds for ms. (OK-Carson). 6205 f/d cd in 45 ds. (Leader-IRE). R Nacional Espejo: 4680 f/d pfc w/ personal ltr in 46 ds for a SS rpt & ms. V/S Marco Caicedo. (D'Angelo-PA).

#### UTILITIES

JAPAN/ JJY: 8000 f/d cd in 20 ds. (Blight-MD).

SWEDEN/ Swedish Telecom: 21555 f/d Stockholm cd w/ sked in 12 ds for an irc - which was returned. (Matsushita-JN).

TAIWAN/ BSF: 15000 f/d Chiang Kai-Shiek Memorial cd in 2 wks for an irc - which was returned. (Wallace-MA). f/d cd in 18 ds for \$1 - which was returned. (Blight-MD).

SHIPS/ NELL: 5320 f/d pfc in 387 ds for ms. V/S Mark D. McKenny. (NY-Gerstner). ELPH: 8207.4 f/d pfc in 30 ds for ms. V/S Paolo Simoncini. (Gerstner-NY). NNNQCOA: 14441.5 f/d pfc in 49 ds for ms. (Gerstner-NY). NNNQCOT: 14477 f/d pfc in 14 ds for ms. V/S Mark S. Bowser. (Gerstner-NY). WMCK: 16587.1 f/d pfc in 29 ds for ms. V/S Bryan Moss. (Gerstner-NY). WNFJ: 22124 f/d pfc in 30 ds for ms. V/S Patricia A. Kelley. (Gerstner-NY).

#### CLANDESTINES & PIRATES

Falling Star Radio: 6240 f/d personal ltr in 37 ds for a SASE. (D'Angelo-PA). f/d logo paper cd in 59 ds for \$1. V/S Al Chandler. (George-NC).

SCOTLAND/ Weekend Music Radio: 6317.2 f/d x'mitter photo w/ info, ltr & cds in 1 mo for \$1. V/S Jack Russel. (Wallace-MA).

Voice of Unity: 12230, 15685 & 17540 p/d Map cd in 238 ds for \$1. QTH: P.O. Box 2605, 2000 Hamburg 60, PRG. (D'Angelo-PA).

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Kind of a short column this month- but the quality of the QSL's more than made up for the lack of quantity. I hope this column will be easier to read than last months- as you can tell I've finally invested in a new ribbon.

I've had a few requests for info on how to get report forms in some of the more "obscure" DX'ing languages: about the only idea I have about this is , if any of you SPEEDXers out there can put together a report in "other" languages, perhaps you could send a copy in to me and I could copy some up & send them out, if there's enough interest. There are plenty of good forms out for the popular languages, so just the lesser heard ones. This is just an idea- let me know what you think!  
73 & best of DX,

Ray

# Utility Scene

Editor: Paul Lannuier, N2HIE

25 Mac Arthur Avenue, Closter, New Jersey 07624

## Fixed Coastal and Naval Stations

KHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
1906.0	USB	France	FFM	Marseilles Radio	2109	Tfc list	Conway-UK
2716.0	USB	USA	'Fisher'	Cape Radio, FL	0945	NASA comms on US Navy freq.	Gordon-CT
4256.0	CW	USA	KLC	Galveston Radio, TX	0810	CQ marker	Conway-UK
4275.0	CW	Panama	HPP	Panama Intelmor Radio	0729	Long CQ marker	Conway-UK
6331.3	CW	Azores	CTH47	Horta Naval	2130	Portugese Navy. CQ marker & wx bulletin	Conway-UK
6331.5	CW	USSR	UMV	Murmansk Radio	2131	Very fast V marker & tfc	Conway-UK
6340.4	CW	France	FUE	Brest Naval	2145	French Navy. New frequency, hrd various times of day	Conway-UK
6340.5	CW	Singapore	9VG9	Singapore Radio	2102	CQ marker	Conway-UK
6352.0	CW	France	FUG	La Regine Naval	2114	French Navy. V marker	Conway-UK
6364.5	CW	Saudi Arabia	HZG	Dammam Radio	2113	DE marker	Conway-UK
6369.0	CW	Angola	D3E41	Luanda Radio	2304	CQ marker	Conway-UK
6384.5	CW	Canada	CKN	Vancouver Forces Radio, BC	0844	Canadian Forces. Cig 'NAWS'	Conway-UK
6386.3	CW	Colombia	HKC	Buenaventura Radio	0846	CQ marker. Off frequency slightly	Conway-UK
6393.5	CW	Australia (?)	VHI	unknown	0851	V marker. ID "VHI 2/3/4/5". Call change??	Conway-UK
6415.0	CW	Algeria	7TF	Boufarik Radio	2247	CQ marker	Conway-UK
6428.5	CW	Australia	VIS	Sydney Radio	0856	V marker & long range wx broadcast	Conway-UK
6470.0	CW	Greece	SXA 24	Pireaus Naval	2043	Greek Navy. V marker	Conway-UK
6473.5	CW	Romania	YQ1	Constanta Radio	2329	CQ call & manual tfc	Conway-UK
8051.5	RTTY	USA	W00	Ocean Gate, NJ	0800	FEC: Tfc list	Hawkins-TX
8484.0	CW	South Korea	HLP	Seoul Radio	1632	CQ/QSX marker	Berri-CA
8497.0	CW	South Korea	HLJ	Seoul Radio	1634	CQ/QSX marker	Berri-CA
8737.5	USB	New Zealand	ZLW	Wellington Radio	0615	Phone tfc w/various ships	Rocker-MS
9402.0	RTTY	Belgium	OST	Ostend Radio	....	ARQ	Moon-RSA
10967.0	RTTY	South Africa	....	Simonstown Naval	....	850/50: South African Navy	Moon-RSA
11489.0	RTTY	South Africa	....	Cape Town Naval	....	850/50: South African Navy	Moon-RSA
12740.0	CW	New Zealand	ZL85	Awarua Radio	0535	DE marker	Hawkins-TX
12750.0	CW	Uruguay	CWA	Cerrito Radio	0532	CQ marker	Hawkins-TX
12775.0	CW	Mexico	XFU	Veracruz Radio	1940	CQ marker	Hawkins-TX
12886.5	RTTY	USA	WLO	Mobile Radio, AL	0225	ARQ: Tfc list in CW, then SITOR broadcast. Gulf wx	Alexander-IA
16180.0	CW	USA	NMN	COMMSTA Portsmouth, VA	1355	USCG. Multi-call & securing 8465.0, 8471.0, etc.	Alexander-IA
17060.0	CW	Israel	4X0	Haifa Radio	0502	CQ marker	Hawkins-TX
17427.0	RTTY	England	GPA6	Portishead Radio	....	ARQ: Idling	Moon-RSA
18173.0	RTTY	Philippines	DUW	Manila Radio	....	170/50	Moon-RSA
22324.5	CW	Netherlands	PCH70	Scheveningen Radio	0824	'DE PCH70 22' marker	Rocker-MS
22362.5	CW	Switzerland	HEB	Berne Radio	1935	CQ marker	Hawkins-TX
22378.0	CW	Italy	IAR	Rome Radio	0824	V marker	Rocker-MS
22900.0	RTTY	England	GPA7	Portishead Radio	....	ARQ	Moon-RSA

## Other Fixed Stations (including Aero and Meteo)

KHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
4506.0	USB	Mozambique	....	Maputo	....	Telcom	Moon-RSA
5258.0	CW	Cuba	CMU967	Santiago Naval	0610	Soviet Navy. Wkg UMHG simplex	Berri-CA
5276.0	USB	South Africa	....	Pertoria	....	Telcom	Moon-RSA
5280.0	USB	West Germany	DFF28	Cologne	....	Deutsche Welle feeder	Moon-RSA
5318.5	RTTY	Libya	....	Tripoli Air	....	425/50	Moon-RSA
5505.0	USB	Ireland	....	Shannon Volmet	....	....	Moon-RSA
5598.0	USB	Azores	....	Santa Maria	0717	ICAO NAT-A area. Wkg NAVY LJO5Blair-CA	Moon-RSA
5770.0	RTTY	Bulgaria	LZQ9	Sofia	....	425/50: Testing	Moon-RSA
5778.0	USB	Botswana	....	....	....	Telcom	Moon-RSA
5783.5	RTTY	Botswana	A2P	Gaborone	....	425/50	Moon-RSA
5787.0	RTTY	Botswana	A2G	Gaborone	....	....	Moon-RSA

5824.0	RTTY	Libya	5AF	Tripoli Air	....	850/50	....	Moon-RSA
6753.0	USB	Canada	CHR	Trenton Military, Ont	0130	RCAF. Wx report	....	Alexander-IA
6975.0	RTTY	Senegal	6VU	Dakar	0115	AFTN. RYRTRY, QJH1, etc.	....	Barely readable
7355.0	RTTY	Mali	TZH	Bamako	....	425/50: ASECNA	....	Moon-RSA
7395.0	RTTY	Hong Kong	....	Royal Observatory	....	425/50	....	Moon-RSA
7552.0	RTTY	South Africa	....	Pretoria	....	425/50: Meteo	....	Moon-RSA
7560.0	RTTY	USSR	RPT30	Moscow	1530	350/50R: TASS nx in EE	....	Blair-CA
7611.0	RTTY	Egypt	....	Cairo	....	425/50: MENA nx in EE	....	Moon-RSA
7878.0	RTTY	USSR	RNN52	Moscow	....	425/50	....	Moon-RSA
9048.0	USB	Cyprus	....	Cyprus Radio & Telephone	....	Voice marker	....	Moon-RSA
9127.0	RTTY	East Germany	....	Berlin	....	425/50: ADN nx in FF	....	Moon-RSA
9155.0	RTTY	USSR	....	Moscow	....	425/50: TASS nx in SS	....	Moon-RSA
9240.0	USB	South Africa	ZUD	Pretoria	....	Voice marker	....	Moon-RSA
9252.2	RTTY	Liberia	ELRB	Monrovia	0005	425/50R: Aero Wx	....	Alexander-IA
9343.0	RTTY	Senegal	6VU	Dakar	....	425/50: ASECNA	....	Moon-RSA
9446.0	RTTY	Tanzania	5HD	Dar es Salaam	....	170/50	....	Moon-RSA
9972.0	RTTY	Mauritius	3BN	Pleasantce	....	170/50	....	Moon-RSA
10198.0	USB	Ascension	....	Ascension Cable & Wireless	....	Voice marker	....	Moon-RSA
10233.0	RTTY	USA	....	Greenville, NC	0010	FDM 85/75N: VOA nx in EE	....	Blair-CA
10235.0	RTTY	Taiwan	....	Taipei	....	425/50: CNA nx in EE	....	Moon-RSA
10391.0	RTTY	Nigeria	5NL	Lagos	....	425/50	....	Moon-RSA
10396.5	LSB	Japan	JBF40	Tokyo	....	Int. control station	....	Moon-RSA
10625.0	RTTY	Mozambique	....	Maputo	....	170/75: US Embassy	....	Moon-RSA
10635.0	RTTY	Egypt	SUC	Cairo	....	850/50: Meteo	....	Moon-RSA
10650.0	RTTY	China	BJZ23	Hangzhou	0046	425/50R: Coded meteo	....	Blair-CA
10670.0	USB	USSR	....	Moscow (?)	....	Radio Moscow Feeder	....	Moon-RSA
10672.0	RTTY	Zaire	....	Kinshasa	....	425/50: AZAP nx	....	Moon-RSA
10712.0	RTTY	Mozambique	....	Maputo	....	170/50: Commercial tlc	....	Moon-RSA
10994.0	RTTY	Kuwait	....	Safat	....	425/50: KUNA nx in EE	....	Moon-RSA
11020.0	USB	USSR	....	unknown	....	Radio Moscow feeder	....	Moon-RSA
11119.3	RTTY	USA	KAWN	Carswell AFB, TX	2025	425/75N: Meteo, coded and plain EE wx	....	Hawkins-TX
11146.8	USB	Mozambique	....	Maputo	....	Telcom	....	Moon-RSA
11234.0	USB	Gibraltar	....	Gibraltar	1010	RAF. Wkg GBAR 100	....	Conway-UK
11429.0	RTTY	Crozet Is.	FJY5	Alfred-Faure	....	Tlc in FF	....	Moon-RSA
11547.0	RTTY	South Africa	....	Cape Town	....	850/75: US Embassy	....	Moon-RSA
11570.0	RTTY	Panama	NBA	NAVCOMMSTA Balboa	1620	850/75R: USN. RYRTRY etc..	....	Alexander-IA
11597.0	RTTY	Congo	TNL	Brazzaville	....	425/50: Meteo	....	Moon-RSA
11600.0	RTTY	Cuba	CLN	Havana	1515	RYRTRY, QRA. "CLN TESTING"	....	Hawkins-TX
12047.0	RTTY	Senegal	....	Dakar (?)	....	425/50: PANA nx in EE & FF	....	Moon-RSA
13279.0	USB	USSR	....	Novosibirsk Volmet	0250	Aero wx for Irkutsk, Khabarovsk, etc.	....	Rocker-MS
13416.5	RTTY	Netherlands	PCW1	The Hague	....	ARQ	....	Moon-RSA
13542.0	RTTY	South Africa	....	Pretoria	....	425/50: Meteo	....	Moon-RSA
13580.0	RTTY	North Korea	HMF36	Pyongyang	0450	425/50R: KCNA nx in English.	....	Usual B.S.
13602.3	CW	Poland	SPW	Warsaw	0621	CQ marker. Announced QSX 12526.5	....	Hawkins-TX
13639.0	RTTY	South Africa	....	Pretoria	....	425/50: Plain text wx	....	Rocker-MS
13656.0	RTTY	Vietnam	....	Hanoi	....	425/50: VNA nx in Vietnamese	....	Moon-RSA
13709.0	RTTY	Zaire	....	....	....	425/50: AZAP nx in FF	....	Moon-RSA
13735.0	USB	USSR	....	unknown	0634	Mayak Radio (domestic BC) feeder. w/classical mx	....	OM
13752.0	RTTY	Saudi Arabia	HZJ	Jeddah	0330	425/50: AFTN. RYRTRY and coded wx	....	Rocker-MS
13756.0	RTTY	Zaire	....	....	....	425/50: AZAP nx in FF	....	Hawkins-TX
13803.0	RTTY	USSR	RCR78	Khabarovsk	1619	1000/50R: Coded meteo	....	Moon-RSA
13848.0	RTTY	Zaire	....	....	....	170/50: Commercial tlc	....	Blair-CA
13998.0	RTTY	France	FTN99	Paris	1638	350/50N: DIPL0 nx in FF	....	Moon-RSA
14411.0	AM	South Africa	ZUD	Pretoria	....	Telcom	....	Moon-RSA
14421.0	RTTY	Zaire	....	Lumbumbashi	....	ARQ: Commercial tlc	....	Moon-RSA
14437.0	RTTY	South Africa	....	Pretoria	....	425/50: Meteo	....	Moon-RSA
14464.0	RTTY	Congo	TNL	Brazzaville	....	170/50: ASECNA	....	Moon-RSA
14495.0	USB	Gough Is.	....	....	....	Telcom	....	Moon-RSA
14498.0	RTTY	Cape Verde Is.	D4B	Sal	....	170/50	....	Moon-RSA
14560.0	RTTY	Vatican	HVN	....	....	ARQ	....	Moon-RSA
14589.0	RTTY	Zaire	....	Kinshasa	....	170/50: Commercial tlc	....	Moon-RSA
14620.5	RTTY	Chile	CAK	Santiago Aeradio	0100	425/50R: RYRTRY "DE CAK".	....	Hawkins-TX
14810.0	RTTY	Taiwan	3MA	Taipei	....	425/50: KCNA nx	....	Moon-RSA
14817.0	RTTY	Zaire	....	Kinshasa	....	425/50: AZAP nx in FF	....	Moon-RSA
14845.0	RTTY	Zaire	....	Kinshasa	....	425/50: Commercial tlc	....	Moon-RSA
14905.0	RTTY	Zambia	....	Lusaka (?)	....	425/50: Cuban Embassy	....	Moon-RSA

14973.0	RTTY	Chad	TTL	N'Djamena	....	425/50	Moon-RSA
15780.0	USB	Argentina	....	Com. Rivadavia	....	Feeder	Moon-RSA
15792.0	CW	Zambia	....	Lusaka (?)	....	Zambian News Agency nx	Moon-RSA
15813.0	RTTY	unknown	....	unknown	....	425/50, ARQ: BOPA/PANA nx in FF	Moon-RSA
16033.0	RTTY	Zaire	....	....	....	425/50: Commercial t/c	Moon-RSA
16059.0	RTTY	South Africa	....	Cape Town	....	850/50: US Embassy	Moon-RSA
16072.0	RTTY	Zimbabwe	....	....	....	425/50: unknown Embassy	Moon-RSA
16155.0	RTTY	USSR	....	Moscow	....	425/50: APN nx in AA	Moon-RSA
16220.0	RTTY	USSR	RBI74	Moscow	....	425/50: APN nx in FF	Moon-RSA
16421.0	RTTY	Indonesia (?)	....	....	....	ARQ: T/c in Indonesian	Moon-RSA
17413.0	RTTY	East Germany	Y7A38	Berlin	....	425/50: MFA	Moon-RSA
17415.0	USB	Switzerland	....	Berne	....	Telcom	Moon-RSA
17421.0	RTTY	unknown	....	unknown	....	ARQ: SS t/c	Moon-RSA
17456.0	RTTY	East Germany	Y7A66	Berlin	....	425/500: Coded t/c	Moon-RSA
18195.0	USB	USSR	RCI73	Moscow	....	Radio Moscow Feeder	Moon-RSA
18388.5	RTTY	Libya	5AF	Tripoli Air	....	850/50	Moon-RSA
18462.0	RTTY	Netherlands	PCW1	The Hague	....	ARQ	Moon-RSA
18542.5	RTTY	USA	WFK48	Washington, DC	2200	425/75N: VOA, RYRYRY and 'QRA DE VOA'	Hawkins-TX
18948.0	RTTY	Czechoslovakia	....	Prague	....	425/50: CTK nx	Moon-RSA
19107.0	RTTY	Eq. Guinea	....	Majabo	....	850/50: US Embassy	Moon-RSA
19222.0	RTTY	Yugoslavia	....	Belgrade	....	425/50: MFA	Moon-RSA
19384.0	RTTY	Senegal	....	Dakar	....	425/50: APS-SEN/PANA nx	Moon-RSA
19500.0	RTTY	Zimbabwe	....	Harare	....	425/50: Cuban Embassy	Moon-RSA
19520.0	USB	unknown	....	unknown	....	VOA feeder	Moon-RSA
19792.5	RTTY	Philippines	....	Poro La Union	0130	425/75N: VOA nx	Hawkins-TX
19822.5	RTTY	Libya	5AF	Tripoli Air	....	425/50	Moon-RSA
20044.0	RTTY	unknown	....	unknown	....	425/50: PL Cuba? MIRA? Anti-USA text in SS then EE	Moon-RSA
20372.0	RTTY	Italy	IRF80	Rome	1545	425/50N: ANSA nx, RYRYRY	Hawkins-TX
20706.0	RTTY	Zimbabwe	....	Harare	....	425/50: Cuban Embassy	Moon-RSA
21851.0	RTTY	England	GXQ	London	....	425/50: British Army	Moon-RSA
22871.0	RTTY	Liberia	....	Monrovia	....	ARQ: British Embassy	Moon-RSA
22955.0	RTTY	East Germany	Y7A65	Berlin	....	425/50: MFA	Moon-RSA
22977.0	RTTY	Switzerland	....	Berne	....	ARQ	Moon-RSA
23105.0	RTTY	Zimbabwe	....	Harare	....	425/50: Cuban Embassy	Moon-RSA
23166.0	RTTY	unknown	HGX64	unknown	....	425/50: Unknown Hungarian embassy, Calling HGX21	Moon-RSA
23750.0	USB	unknown	....	unknown	....	BBC feeder	Moon-RSA
27390.0	USB	unknown	....	unknown	....	Radio France feeder	Moon-RSA

### Aeronautical Mobile Stations

KHz	MODE	NAME	UTC	REMARKS	CONTRIBUTOR
5643.0	USB	NEW ZEALAND 1	0947	W/g Honolulu w/position report from the Equator	Calligan-CA
6637.0	USB	QANTAS 34	0856	W/g Sidney w/patch to Qantas Engineering re:mecanical problems	Calligan-CA
6730.0	USB	AIR FORCE 2	1944	USAF. W/g Andrews	Alexander-PA
6730.0	USB	SAM 60200	1940	USAF. W/g Andrews	Alexander-PA
6731.0	USB	SAM 60206	0027	USAF. W/g Andrews	Alexander-PA
6756.0	USB	AIR FORCE 1	2300	USAF. W/g Andrews	Alexander-PA
6756.0	USB	SPAR 65	2307	USAF. W/g Andrews	Alexander-PA
6812.0	USB	SAM 50511	2144	USAF. W/g Andrews	Alexander-PA
6817.0	USB	SAM 60203	2128	USAF. W/g Andrews	Alexander-PA
8942.0	USB	LUFTHANSA 794	1148	W/g Singapore w/position report	Calligan-CA
8942.0	USB	WORLD 7386	1146	W/g Bangkok w/position report	Calligan-CA
8993.0	USB	KING 52	2245	USAF. W/g Mac Dill	Alexander-PA
9018.0	USB	SAM 31681	2141	USAF. W/g Andrews	Alexander-PA
9043.0	USB	SAM 86971	2049	USAF. W/g Andrews	Alexander-PA
11035.0	USB	AIR FORCE 2	1932	USAF. W/g Andrews	Alexander-PA
11035.0	USB	SAM 31681	0026	USAF. W/g Andrews	Alexander-PA
11282.0	USB	CONTINENTAL 10	0234	Pos. report to Honolulu, HI	Rocker-MS
11396.0	USB	NEW ZEALAND 113	1125	W/g Perth w/position report	Calligan-CA
11396.0	USB	QANTAS ONE	1156	W/g Jakarta w/position report	Calligan-CA
11466.0	LSB	AIR FORCE 1	2244	USAF. W/g Andrews	Alexander-PA
11466.0	USB	SAM 24127	2358	USAF. W/g Andrews	Alexander-PA
13247.0	USB	AIR FORCE 2	0010	USAF. W/g Andrews	Alexander-PA
13412.0	LSB	SAM 31691	1809	USAF. W/g Andrews	Alexander-PA
13455.0	USB	SAM 26000	2210	USAF. W/g Andrews	Alexander-PA
18666.0	USB	TROPIC 201	1928	DEA/US Customs. W/g ATLAS	Alexander-PA

## Maritime Mobile Stations

kHz	MODE	NAME	CALL	UTC	REMARKS	CONTRIBUTOR
2714.0	USB	USS FIDELITY	NLZL	1100	Cig "Navy Ops Control"	Gordon-CT
2714.0	USB	USS MC CLOY	NZBI	0030	Cig Norfolk	Gordon-CT
2716.0	USB	HMCS BLUETHROAT	CZOW	0045	Canadian Navy. Cig "QHM" (Halifax)	Gordon-CT
2716.0	USB	HMCS SKEENA	....	0100	Canadian Navy. Cig QHM Halifax	Gordon-CT
2716.0	USB	RNN FRIGATE ISAAC SWEERS	....	0100	Royal Netherlands Navy. Cig Canaveral	Gordon-CT
2716.0	USB	US NAVY TUG YTB 824	....	0040	Wkg Little Creek	Gordon-CT
2716.0	USB	USNS NEOSHO	NDCV	0150	Wkg USS SEATTLE	Gordon-CT
2716.0	USB	USS BATON ROUGE	NRIZ	0850	USN submarine. Cig Canaveral Control. ID as "two-delta-november"	Gordon-CT
2716.0	USB	USS BLAKELY	NPCD	1225	Wkg Charleston	Gordon-CT
2716.0	USB	USS BOWEN	NHTM	1120	Cig Norfolk	Gordon-CT
2716.0	USB	USS BRISCOE	NDIB	1010	Cig Norfolk	Gordon-CT
2716.0	USB	USS CAPODANNO	NFVC	1105	Cig Newport	Gordon-CT
2716.0	USB	USS CARR	NCAR	1025	Wkg Charleston	Gordon-CT
2716.0	USB	USS CLIFTON SPRAGUE	NCAS	1130	Cig NAVSTA Philadelphia	Gordon-CT
2716.0	USB	USS DEWEY	NOHW	2300	Cig "Tug Control"	Gordon-CT
2716.0	USB	USS FRANK CABLE	NGXQ	1100	Wkg Canaveral Control	Gordon-CT
2716.0	USB	USS HAYLER	NKWH	1030	Cig Norfolk	Gordon-CT
2716.0	USB	USS HERMITAGE	NRVF	1025	Cig Little Creek Control	Gordon-CT
2716.0	USB	USS IWO JIMA	NXXG	0955	Cig Norfolk	Gordon-CT
2716.0	USB	USS JESSE L. BROWN	NGCP	1005	Cig Charleston	Gordon-CT
2716.0	USB	USS JOHN KING	NDFQ	1020	Cig Newport	Gordon-CT
2716.0	USB	USS JULIUS A. FURER	NJAF	1120	Wkg Charleston	Gordon-CT
2716.0	USB	USS LAWRENCE	NTQP	1225	Cig Norfolk	Gordon-CT
2716.0	USB	USS MAHAN	NZOK	0010	Wkg Charleston	Gordon-CT
2716.0	USB	USS NASSAU	NJPI	0955	ID as "Tech Control." Asking for radio check	Gordon-CT
2716.0	USB	USS NICHOLAS	NSVN	1000	Cig Charleston. Usingtactical ID "IZX"	Gordon-CT
2716.0	USB	USS ORTOLON	NNAC	0135	Cig Charleston. Submarine Rescue ship. ID's as "NAVY UNIT 22"	Gordon-CT
2716.0	USB	USS SAIPAN	NHOV	0010	Cig Norfolk	Gordon-CT
2716.0	USB	USS SANTA BARBARA	NDXU	0120	Cig Charleston	Gordon-CT
2716.0	USB	USS SEATTLE	NABN	0140	Wkg Norfolk	Gordon-CT
2716.0	USB	USS SPHINX	NJPZ	1120	Cig Little Creek	Gordon-CT
2716.0	USB	USS THOMAS C. HART	NTCH	0135	Wkg "Harbor Tug Control"	Gordon-CT
2716.0	USB	USS THOMAS S. GATES	NTSG	0950	Wkg Canaveral Port Control	Gordon-CT
2716.0	USB	USS THORN	NOQP	1020	Wkg Charleston	Gordon-CT
2716.0	USB	USS VALDEZ	NIDC	1210	Cig Norfolk	Gordon-CT
2716.0	USB	USS WISCONSIN	....	1055	Cig Norfolk. Call: NWIS ???	Gordon-CT
2716.0	USB	USS YORKTOWN	NYKN	1140	Cig Norfolk	Gordon-CT
2717.0	USB	USS CALOOSAATCHER	NKJU	1045	Cig Norfolk off frequency	Gordon-CT
4066.1	USB	USS CUSHING	NPGC	0345	Wkg San Diego CSS1	Gordon-CT
4066.1	USB	USS HEWITT	NDDW	0325	Cig San Diego CSS1	Gordon-CT
4066.1	USB	USS LYNDE MC CORMICK	NHXD	0345	Cig San Diego CSS1	Gordon-CT
4066.1	USB	USS MC CLUSKY	NMDK	0340	Wkg San Diego CSS1	Gordon-CT
4066.1	USB	USS RANGER	NHKG	1215	Cig McClellan AFB (I) using tactical ID "Gray Eagle"	Gordon-CT
4066.1	USB	USS ROBISON	NBZO	0315	Wkg San Diego CSS1	Gordon-CT
8346.0	RTTY	TKH: MOSSOVET	UKCJ	0125	170/50N: Tfc to Odessa in RR	Berri-CA
8351.0	RTTY	M/T GRAZIA	ELFW9	2341	ARQ: Wkg WLO with telex t/c	Gerstner-NY
8357.0	RTTY	NORTHERN PIONEER	VSDB7	2345	Wkg Portishead with AMVER report	Gerstner-NY
8718.8	USB	USNS APACHE	NIGF	1212	Radio check w/COMSUPRON 8	Gordon-CT
8718.8	USB	USS ADROIT	NCFR	1140	Radio check w/COMSUPRON 8 (Combat Support Squadron)	Gordon-CT
8718.8	USB	USS EDENTON	NXSF	1230	Cig Charleston	Gordon-CT
8718.8	USB	USS FORTIFY	NQTN	1200	Cig COMSUPRON 8	Gordon-CT
8718.8	USB	USS PRESERVER	NQOD	1205	Wkg USS EDENTON	Gordon-CT
8719.0	USB	USS HOIST	....	1215	Cig COMSUPRON 8	Gordon-CT
12494.0	RTTY	MT MAKHACHKALA	EYET	2336	ARQ: Wkg Goteborg with telex t/c	Gerstner-NY
12498.5	RTTY	M/N LA GUAJIRA	HJNZ	2341	ARQ: Wkg WLO with telex t/c	Gerstner-NY
12503.5	RTTY	FORT PRODUCER	ELHQ3	2227	ARQ: Wkg WLO with telex t/c	Gerstner-NY
12505.0	RTTY	QUEEN ELIZABETH II	GBTT	2358	ARQ: Wkg Portishead with telex t/c	Gerstner-NY
12505.5	RTTY	HAROLD LA BORDE	C6BC	0002	ARQ: Wkg WLO with telex t/c	Gerstner-NY
12511.5	RTTY	TKH: ODESSA	EWBK	0250	170/50N: RYRYRY & t/c to UAT in RR	Berri-CA
12515.0	RTTY	TB: KAPSUKAS	ESIW	0235	170/50N: Soviet Tuna Factory. Mags to ?	Berri-CA
12522.5	RTTY	MYS PAVLOVSKIY	LYEJ	0108	170/50N: RYRYRY DE LYEJ. To URL Sevastopol	Blair-CA
12523.5	RTTY	KAZAN	UROO	0104	170/50N: Tfc to URL	Blair-CA
12523.5	RTTY	NATALIYA KOVSHOVA	UJZY	0047	170/50N: Tfc to URL	Blair-CA
12524.0	RTTY	BMRT GAZGAN	UNCH	0115	170/50N: Tfc to URL	Blair-CA

12526.5	RTTY	UPS: PROFESSOR VOEVODIN	UUXA	0245	170/50N: RYRYRY & t/c to UJQ in RR	Berri-CA
13826.0	USB	USS VINCENNES	NNNOCHS	0200	Wkg NNNNSF	Gordon-CT
13826.0	USB	USS WHIPPLE	NNNOCWM	0200	Wkg NNNONRI	Gordon-CT
14441.5	USB	USNS SATURN	NNNOCMY	1530	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS A CADIA	NNNOCWI	1530	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS AINSWORTH	NNNOCUE	0200	Wkg NNNIGD	Gordon-CT
14441.5	USB	USS AYLWIN	NNNOCUA	0015	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS BAINBRIDGE	NNNOCNP	2325	Wkg NNNOLWR	Gordon-CT
14441.5	USB	USS BELKNAP	NNNOCVA	0025	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS BELLEAU WOOD	NNNOC TZ	0400	Wkg NNNONTI	Gordon-CT
14441.5	USB	USS CLARK	NNNOCYB	0145	Wkg NNNOFMN	Gordon-CT
14441.5	USB	USS CORAL SEA	NNNONIXQ	0010	Wkg NNNOLWR	Gordon-CT
14441.5	USB	USS FAIRFAX COUNTY	NNNOCOT	0020	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS GALLERY	NNNOCZP	1700	Wkg NNNOLWR	Gordon-CT
14441.5	USB	USS GARY	NNNOC HG	0215	Cig "any West Coast MARS"	Gordon-CT
14441.5	USB	USS JOSEPH HEWES	NNNOC RM	1445	Wkg NNNOWRQ	Gordon-CT
14441.5	USB	USS KALAMAZOO	NNNOCVC	2300	Wkg NNNOWRQ	Gordon-CT
14441.5	USB	USS KANSAS CITY	NNNOC PN	0210	Wkg NNNONS D	Gordon-CT
14441.5	USB	USS KISKA	NNNOC PL	1400	Wkg NNNOCQW	Gordon-CT
14441.5	USB	USS MIDWAY	NNNOCQJ	2100	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS PIERLE	NNNOCXA	0120	Wkg NNNOFMN	Gordon-CT
14441.5	USB	USS REUBEN JAMES	NNNOC DP	2355	New MARS call sign. Cig NNNONS D	Gordon-CT
14441.5	USB	USS SAMUEL GOMPERS	NNNOCWC	1825	Wkg NNNOCOH	Gordon-CT
14441.5	USB	USS SAVANNAH	NNNOCUR	2200	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS SCOTT	NNNOCZY	0020	Wkg NNNOWHT	Gordon-CT
14441.5	USB	USS SHREVEPORT	NNNOCYL	2055	Wkg NNNONIK	Gordon-CT
14441.5	USB	USS SPARTANBURG				
		COUNTY	NNNOC SB	2037	Cig "any stateside MARS"	Gordon-CT
14441.5	USB	USS WHITE PLAINS	NNNOCQW	1745	Cig NNNONPM	Gordon-CT
14463.5	USB	USS CHARLES F. ADAMS	NNNOC MJ	0015	Wkg NNNOZLI	Gordon-CT
14463.5	USB	USS LEXINGTON	NNNOCYE	0230	Wkg NNNONIG	Gordon-CT
14463.5	USB	USS O'BANNON	NNNOCXG	2200	Cig "any station" for radio check	Gordon-CT
14467.0	USB	USS CONNOLY	NNNOCVP	0050	Wkg NNNONIK	Gordon-CT
14470.0	USB	USS BUTTE	NNNOCXI	0040	Wkg NNNOKRQ	Gordon-CT
14470.0	USB	USS HENRY J. KAISER	NNNOC MX	2100	Wkg NNNOKRQ	Gordon-CT
14470.0	USB	USS JOHN YOUNG	NNNOC PW	0100	Wkg NNNOCAE	Gordon-CT
14470.0	USB	USS MAC DONOUGH	NNNOC RV	2320	Wkg NNNONIG	Gordon-CT
14470.0	USB	USS TAYLOR	NNNOC AE	0050	Wkg NNNONIK	Gordon-CT
14477.0	USB	USS AUSTIN	NNNOC OY	0400	Wkg NNNONIG	Gordon-CT
14477.0	USB	USS CAPE COD	NNNOC OH	0100	Wkg NNNONBL	Gordon-CT
14477.0	USB	USS CONCORD	NNNOCYK	2110	Wkg NNNOZTI	Gordon-CT
14477.0	USB	USS WHIDBEY ISLAND	NNNOCYZ	2115	Wkg NNNOZTI	Gordon-CT
14483.5	USB	USS PUGET SOUND	NNNOCUZ	....	Wkg NNNONIG	Gordon-CT
16664.0	RTTY	AN AVEL	FNDZ	0026	ARQ: Wkg St Lys with telex t/c	Gerstner-NY
16665.5	RTTY	SONG HE	BOZC	1536	ARQ: T/c to ISQ	Blair-CA
16665.5	RTTY	YANIL	HBFW	2149	ARQ: T/c to KPH	Blair-CA
16667.5	RTTY	MY AFRICAN AZALEA	D5FQ	1920	ARQ: Wkg WLO with telex t/c	Gerstner-NY
16669.0	RTTY	ARKTIS SEA	OWXX2	1945	ARQ: T/c to OXZ	Blair-CA
16670.5	RTTY	M/V ANGELIC FAITH	SXRY	2328	ARQ: Wkg WLO with telex t/c	Gerstner-NY
16670.5	RTTY	MY ISLAS GALAPAGOS	HJNZ	1848	ARQ: Wkg WLO with telex t/c	Gerstner-NY
16670.5	RTTY	WEST VIRGINIA	H9LS	2246	ARQ: Wkg WLO with telex t/c	Gerstner-NY
16671.5	RTTY	ANTHOS	J4VI	2245	ARQ: Wkg Athens with telex t/c in Greek	Gerstner-NY
16673.5	RTTY	MY SONBAI	YCTG	1958	ARQ: Wkg NMN	Gerstner-NY
16673.5	RTTY	RHINE FOREST	ELFO3	1834	ARQ: Wkg NMN	Gerstner-NY
16674.5	RTTY	SPRING BOB	PHUH	1903	ARQ: Wkg WLO with obs	Gerstner-NY
16681.0	RTTY	JASMINE B	LALW	2328	ARQ: Wkg Portishead with telex t/c	Gerstner-NY
16682.0	RTTY	DMITRI POKRAMOVITCH	UYEH	2328	170/50N: T/c to ?	Blair-CA
16696.0	RTTY	VASILIJ FOMIN	UVOF	2244	170/50N: RYRYRY. DE UVOF to URB2	Blair-CA
16698.0	RTTY	KARATCHAROV	UWKI	0107	170/50N: T/c to ?	Blair-CA
16698.5	RTTY	ALEXSANDR KOSAREW	UBXS	0026	170/50N: T/c to URB2	Blair-CA
16698.5	RTTY	IOSSIF LAPUSHKIN	URRR	0024	170/50N: T/c to URB2	Blair-CA
16698.5	RTTY	VINTSAS MITSKYAVICHUS -KAPSUKAS ESIV		2140	170/50N: T/c to URB2	Blair-CA
16699.5	RTTY	KOMANDARM SHCHER- BAKOV	UPRN	2212	170/50N: T/c to URB2	Blair-CA
16699.5	RTTY	OMULEVKA	UHNP	2219	170/50N: T/c to URB2	Blair-CA
16702.0	RTTY	SLAVYANSK	ULKD	0122	170/50N: T/c to UKA	Blair-CA
16703.5	RTTY	SEKGUEI KORCHOUNO- VITCH	UFOD	2124	170/50N: T/c to UDK2	Blair-CA
16758.0	CW	PRESTIGIOUS	VRQF	0315	Wkg NRV Guam w/AMVER	Jones-TX
16760.0	CW	SEALAND VOYAGER	KHRK	2100	Wkg NMC San Francisco w/AMVER	Jones-TX
16770.0	CW	ISLA GRANDE	3EAX3	0325	Wkg JCS Choi R., Japan	Jones-TX

16774.0	CW	TENDAI MARU	JAMN	2215	Wkg VIS6 w/position report	Jones-TX
16787.0	CW	ISLA BALTRA	HCBT	2200	Wkg MNM w/AMVER and position report	Jones-TX
16794.0	CW	.....	ELHAS	2200	AMVER broadcast & position report to VCS	Jones-TX
16797.5	RTTY	USS ELVIS	KING	2401	Wkg Graceland w/weather & R&B warnings	Lannuier-NJ
16799.0	CW	MING FORTUNE	BHLA	0000	Message content and purpose unclear	Jones-TX
20936.0	USB	USS NIMITZ	NNOCUP	2100	Cig "any stateside MARS." Anchored off Singapore	Gordon-CT

THANKS TO DICK MOON, SOUTH AFRICA, for many excellent loggings. Very few were listed in the major publications and, although some were incomplete as far as times and locations go, I included them in the above Fixed Station categories. It's always encouraging to hear from overseas members, especially when they produce a little variety for our columns.

SPACE SHUTTLE DISCOVERY was successfully launched on 13 March and landed the following Saturday. In addition to several of the frequencies listed in last month's column, 9006.0 kHz was also active. I heard USS STARK being advised to QSY to that frequency a few hours before lift-off. Poor conditions prohibited any sort of serious monitoring on HF, but many of the frequencies listed in last month's Utility Scene were in operation as the bands faded in and out. More NASA loggings may appear next month.

THE CORRECT ADDRESS FOR ANSA NEWS AGENCY, ITALY, is needed by Hugh Hawkins. According to Hugh, the address given in Klingentuss' is incorrect. My own records show the agency's address to be:

Agenzia ANSA  
Societa Cooperativa della Stampa  
Via della Datarì 94  
I-00187 Roma

This may be out of date. Any other information welcome.

WITH APRIL ALSO COMES THE DAYTON HAMVENTION. I'm not sure if I will be attending again this year representing Giffar, but they will be there in any event. If you are planning to attend, stop by our booth and check out the new Japan Radio Co. JST-135 transceiver. It's receive section will be basically equivalent to an NRD-525 on steroids, and it may well become "the" radio for serious SWLs and hams.

IF INTERESTED IN CONTRIBUTING MATERIAL to your favorite utility column (or maybe even this one), by all means do so. I will be happy to print anything relating to the utility field, giving full credit to the contributor. Also appreciated are news clippings and magazine articles, audio or video tape recordings, imported beer (no cans, please), computer software and hardware, sports cars (preferably Italian and blood red), stocks and bonds, real estate.....anything.

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73 until May!

*Paul*



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