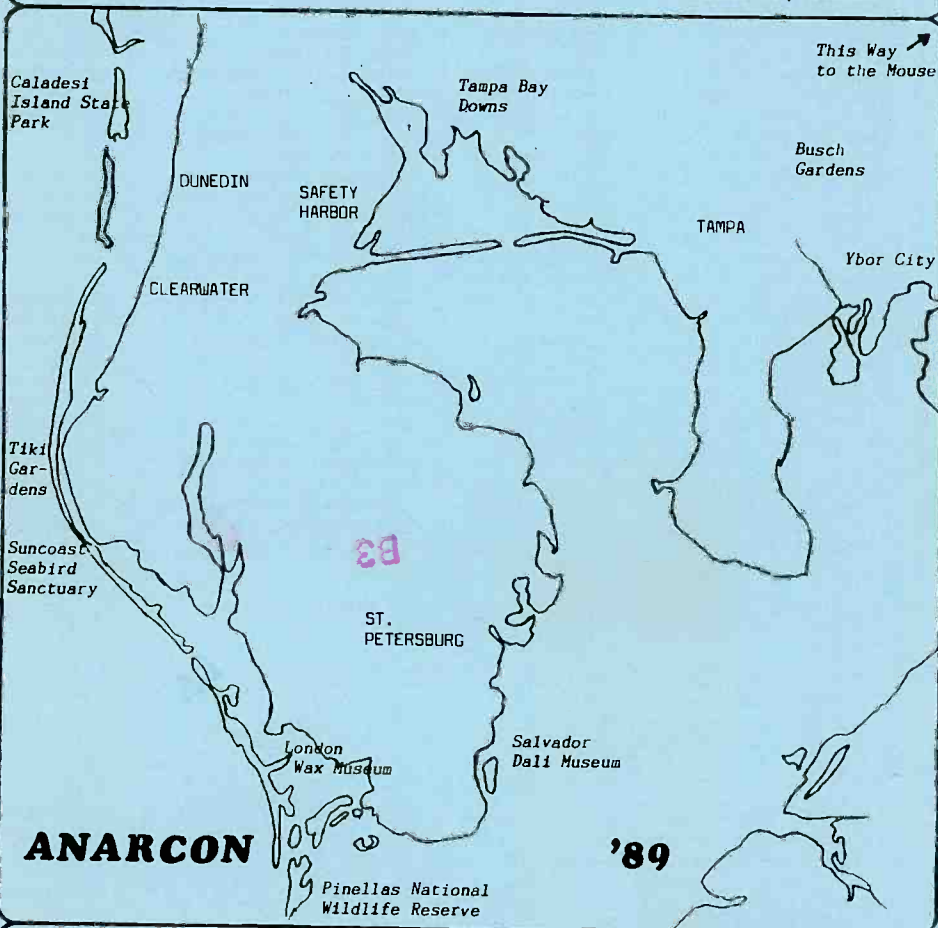


SPEEDY

JULY 1989

Volume 19, Number 7



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THE DX MAGAZINE FOR ACTIVE SWLS

Spotlight on...



SPEEDX SPOTLIGHTS:

JULY 1989

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

TOTAL CONTRIBUTORS: 56

1	ALLRED, BRENT	EC	ICF2010	2	LEADER, PATRICK	JR	D2615
6	BEVENS, EDWARD	MA		1	LEMKE, RICHARD	AB	IC-R71A
5	BISHOP, FORREST	NY	RF4800	5	LEVISON, HAROLD	PA	IC-R70
3	BLIGHT, WILLIAM	MD	FRG8800	2	LOE, DAVID	OH	
1	BRONOWICZ, MIKE	NJ		1	MAHLING, DIRK	MA	ICF7600D
6	BROWN III, EDWARD	IL	ICF6800W	6	MATSUSHITA, YUKIMASA	JP	RF2200
2	CALLIGAN, MICHAEL	CA	ICF2010	8	MERCHANT, CHRIS	NH	TS430B
6	CARD, PETER	RI	NRD515	4	MILLER, WILLIAM	CA	DX400
8	CARSON, JOHN	OK		1	MILLER (MO), ROBERT	MO	
7	CICHOREK, ED	NJ	FRG8800	1	MCCANTS, DON	AL	
1	CODAY, RICHARD	CA	FRG7700	1	O'CONNOR, PATRICK	NH	IC-R71A
1	CONWAY, PETER	UK	TS930S	1	PFEIFLE, KEVIN	NY	FR8800
5	D'ANGELO, RICHARD	PA	NC190	3	ROBINSON, BETSY	TN	ICF2010
1	ECKERT, JOHN	PA	R5000	2	ROGERS, JOHN	MA	
1	EHLI, STEWART	IA	IC-R71A	1	ROSS-NUTT, JAMES	JP	
3	EVANS, JAMES	TN	IC-R71A	1	BAARIKKO, LARRY	NY	
3	FAMULARO, RALPH	JP	ICF6000A	1	SCHULSINGER, MICHAEL	OH	R5000
4	FISHER, JOHN	MA		1	SHEEDY, DAN	CA	ICF2010
5	FLYNN, BILL	CA	R2000	1	THOMPSON, PEGGY	CA	FR07
4	FRASER, BOB	MA	XCR30	1	THORNTON, DON	NJ	
1	GEARS, GARY	IL	IC-R71A	6	TRESCHER, FRED	PA	ICF2010
1	GEORGE, STEVE	MA	R5000	2	VALENTINE, F.A.	CA	IC-R70
1	GERSTNER, JOHN	FL	DX1000	1	WAKEFIELD, PAUL	IA	ICF2010
1	HEINEN, WAYNE	CD	R390A	5	WALLACE, ANDREW	MA	
1	HOWELL, JOE	CA		1	WASHBURN, CHARLES	ME	R1000
1	JOHNSON, DAVID	ID	FRG7700	1	WEBER, DONALD	OH	R2000
4	KUNKEL, ROLAN	CA	DX440	1	WEIDERMAN, RICHARD	MI	ICF2010
1	LANE, RICHARD	IL		1	WESTENHAVER, WILLIAM	PQ	ICF6500W

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
UTILITIES / CONTINUOUS TUNING

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
DX MONTAGE / USSR

TA-DA!!! WE HAVE SOME NEW FULL MEMBERS THIS MONTH!...LET'S ROLL OUT THE RED CARPET FOR:

BOB BROWN.....PA
GARY GEARS.....IL
JOHN ROGERS.....MA

Welcome to the distinguished group of SPEEDXers that now can claim they are full members. Thanks for your contributions these past few months and hope to see much more from you again in the future.

And as always, we have a few new or rejoining contributors this month! Welcome aboard to:

MIKE BRONOWICZ.....NJ
RICHARD LANE.....IL

Thank you both for becoming members of SPEEDX, the most active DX club around. Feel free to contact either myself or any of the other staffers if you have any questions, concerns, ideas, whatever!

JOHN HEATON OF FL. SENT IN A FEW ITEMS LAST MONTH that may be of interest to our members. These items were all gleaned from *World Radio*.

"The 11-year sunspot cycle is gearing up for its peak in December 1989, and

researchers predict it will be one of the most violent in 250 years." NOAA is predicting anywhere from 100 to 200 sunspots/month! Could be some interesting DX this winter!

Did you know that located between television channels 6 and 4 are the following:

- a) The FM broadcast band?
- b) The VHF aircraft frequencies for both commercial and private?
- c) The entire 2M band?
- d) The high VHF emergency services, including police, fire, ambulance dispatch, forestry and other US governmental frequencies. Plus mobile operator, marine operator, Coast Guard and certain military frequencies?

HF Fleas: West Virginia University Agriculture and Forestry Experiment Station researchers have discovered that fleas communicate with each other by high frequency sound signals.

And finally, via the Central Arkansas Radio Emergency Net... A lightning bolt can be as long as 20 miles!

Thanks John for those interesting tidbits!

YOU ALL KNOW OUR CENTRAL DISTRIBUTION EDITOR...RIGHT? Well, Mr. David Jones would like me to ask you to up your mailing deadline to him for Asia/Oceania material to the 5th of the month. There have been some problems getting material between his P.O. in TN and Bill Westenhaver's P.O. in Montreal. For all other columns the deadline for submissions to David is still the 7th. Actually, if you have some really important news for Bill, you may want to send it to him directly to avoid any USPS hassles. Bill's address appears on the masthead of his column. Remember, 1 ounce first class to Canada is 30 cents...not 25 cents!

FOR SALE.....WANT ADS.....TRADE.....HELP!!!!!!!

(Note: Please remember that all ads are run for two consecutive months unless otherwise informed. And please, if you call to request information, stick the bill on your tab...not the person you are calling! :-). Ads are placed free in SPEEDX depending on space availability.)

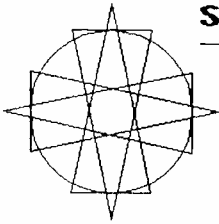
CLEARANCE SALE: *Introducing International Radio:* A simplified introduction to international shortwave radio, tuning a radio, antennas, other publications, UTC/GMT, a frequency guide, plus a guide to stations and programming. Excellent for beginners, or for sharing your shortwave hobby with a friend. Was \$4.95 including P&H, now only \$2.60 including P&H (\$3.00 outside U.S.). Order from: Kenneth MacHarg, Box 1345, Jeffersonville, IN 47131.

FOR SALE: I am upgrading my gear and need some cash! InfoTech M600A RTTY decoder and M300C keyboard. M600 has the parallel print option. Both in good shape with cartons, cables and manuals - \$425 negotiable. Also Palomar LA1 loop amplifier with loops for 150-400kHz and 60mb - both in very good working order - \$135 negotiable. SASE to Mike Agner KA3JJZ, 2513 Cheshire Drive, Baltimore, MD 21207. No phone calls please!

FOR SALE: Back issues - SPEEDX, 1/86 - 12/88, \$18; FRENDX, 1/86 - 9/88, \$20; WRTVH, 1979-87, \$35 set or \$5 each; Monitoring Times, complete set, 1982-88, \$125; RCMA Newsletter, complete set, 1975-88, \$125; Popular Communications, 9/86 - 12/88, \$22.50. Shipping included. Ralph Stern, Box 1295, El Granada, CA 94018. (415) 728-7204.

WANTED: Hallicrafters S-119 "Sky Buddy II" receiver. Must be in good operating condition. Contact: Edward Pyatt, 10-B Bainbridge Avenue, Hampton, VA 23663.





SPEEDX Awards Program Update

UTE's Armed Forces USSR
Asia VOA
Cruise ships Africa Americas CW

Harold Woering
48 Campbell Dr.
Easthampton, MA
01027-2724

Here is the list of who has won what award and how many since the New SPEEDX Awards Program started.

ASIAN

Brent Allred (25)
David Culp (15)
David Glow (25)

Jerry Lucas (15)
Donald Weber (25)

AFRICAN

Brent Allred (15)
Ron Downing (15)
David Glow (25)

Garie Halstead (25)
Donald Weber (25)

EUROPEAN

Brent Allred (25)
David Culp (25)
David Glow (25)

Jerry Lucas (15)
Donald Weber (25)

AMERICAS

Brent Allred (25)
David Culp (25)
David Glow (25)

Jerry Lucas (15)
Donald Weber (25)

INDONESIAN

Bill Flynn (10)

VOA

Brent Allred (10)
David Culp (5)
Ron Downing (15)

Bill Flynn (15)
David Glow (10)
Donald Weber (5)

USSR

Brent Allred (15)
David Culp (20)
Ron Downing (15)
Bill Flynn (20)

David Glow (10)
Garie Halstead (10)
Nigel Pimblett (25)
Donald Weber (5)

360 (around the world)

Brent Allred (100)
David Culp (100)
Gary Froemming (75)
Gary Gears (25)

David Glow (100)
Jerry Lucas (50)
Patrick O'Connor (75)
Donald Weber (100)

UTILITY

Bill Flynn (75)

David Glow (200)

ARMED FORCES

David Glow (250)
Patrick O'Connor (100)
Harold Woering (25)

CRUISE SHIPS

Patrick O'Connor (25)
Daryll Symington (50)
Harold Woering (25)

CW BEACONS

David Glow (25)
Patrick O'Connor (100)

MARS

Patrick O'Connor (100)
Daryll Symington (100)

WAY DOWN UNDER (the Antarctic Award)

Gary Froemming
David Glow

WAYFARER

Jerry Lucas
Donald Weber

JOURNEYER

Jerry Lucas
Donald Weber

EXPEDITIONIST

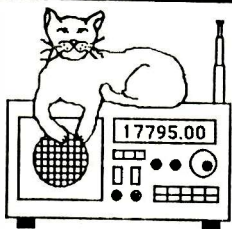
Donald Weber

GLOBE TROTTER

Nigel Pimblett

VOYAGER

David Glow



DX Montage

Ed Janusz
Box 149
Bricktown, NJ 08723

Hi. As the columns come in, I can tell that this will be another fine issue. Look for two new stations in "Western Hemisphere!!"

Like most of you, I was disappointed in the appearance of last month's magazine. As Publisher, I'll do what I have to--or what I can--to make sure that it doesn't happen again. Special apologies to all of you QSL-hounds: Ray, as always, sent in an impeccably neat column, and those inksmears definitely aren't his fault.

Now for a little DX nooz--I know that this column is an unlikely place to find such things, but I happened to see this in the New York Times the other day....

BURMA (NOT BURMA)

The United Nations has recognized Myanmar as the official name of what used to be Burma. The capital, formerly Rangoon, is now known as Yangon.

+ + + + +

A MESSAGE FROM OUR PRESIDENT

And NOW, a word to our sponsors...

YOU! As members of SPEEDX, you ARE our sponsors. It's my hope that you will carry that sponsorship one step further by taking advantage of your responsibility to vote in the upcoming Board of Directors election. Six qualified people will be running for three BoD seats and they need your support, since it will be YOU that they will represent. Only full members have voting privileges, and if you are not sure that you are one, contact our membership chairman, John Trautschold, to find out. The election is not till September and you still have time to attain full membership. Let your voice be heard, and be an active sponsor by voting in the election. This club belongs to all of us, but it only works if all of us participate.

-- Peggy

Thanks, Peggy. Statements from the six candidates will appear in next month's magazine.

+ + + + +

THE WINNERS of the 1989 North American DX Championship

1. Jim Young, Wrightwood, CA (337 stations in 123 countries; this year's contest, you may recall, was limited to stations between 2000 kHz and 6000 kHz, so this is quite an accomplishment)
2. Don Hosmer, Dearborn, MI
3. Charlie Hoffman, Lancaster, PA
4. Dave Valko, Dunlo, PA
5. Rich D'Angelo, Wyomissing, PA
6. Errol Urbelis, Kings Park, NY
7. Joe Howell, Escondido, CA
8. Roger Morby, Londonderry, NH
9. Steven Lare, Holland, MI
10. Bob Brown, Lansdale, PA
11. Kevin Atkins, Pinson, AL
12. James Kline, Santa Monica, CA
13. Dale Park, Honolulu, HI
14. Don Moman, Sherwood Park, Alberta
15. Greg Hart, Live Oak, FL
16. David Morby, Clifton Park, NY
17. Kevin Klein, Appleton, WI
18. Linda Sue Morby, Scotia, NY
19. Bill Flynn, San Jose, CA
20. Anthony Pannone, East Haven, CT

Congratulations to all of you. The top three--Jim Young, Don Hosmer, and Charlie Hoffman--will receive trophies provided by Numero Uno and a current shortwave publication provided by Universal Shortwave. They and the 17 runners-up listed here will get certificates recognizing their participation in this year's contest. (Thanks to Harold Cones for this information.)

BLANDX IS BACK

...and, from the preliminary reports, this looks to be the rudest, rowdiest BLANDX yet. BLANDX is the annual DX-bulletin parody which emanates from the sick mind of Don Moore and various cohorts in crime; if DXing has solemn, religious-like connotations for you, you'd do well to steer clear of BLANDX, but if you enjoy ridiculous lies, false statements, low standards (these perjorative statements are all from the press release, friends!), and general silliness, by all means send \$2.00 to:

Don Moore
c/o I. E. P. Bishop 3000
Ferris State University
Big Rapids, MI 49307

You'll be glad you did, probably.

+ + + + +

ABOUT OUR COVER...

The May 1989 SPEEDX featured a press release from ANARC describing the various goings-on at this year's convention. (The March edition of this column also got into some detail about this). Since then, a few other attractions have been added:

Chuck Roswell of Trans World Radio (he's the producer and host of TWR's "Bonaire Wavelengths" programme) will be around to describe broadcasting in the Caribbean.

Alan Perrish of NASA will speak on our space program's use of two-way radio for logistical support at the Kennedy Space Center.

Tom Meyer will record a "Happy Station" programme at the convention.

And, ANARC welcomes a truly honored guest, Mayin Correa. Mrs. Correa is one of the best-known journalists in Panama, and was elected to the National Assembly; but she is living in exile in the United States, as the Noreigistas seized the family-owned radio station (Radio Continente) and issued a warrant for her arrest because of her coverage of opposition activities and civil-rights violations under General Noreiga's regime. Mrs. Correa will speak on "The Role of Radio in the Democratization of Panama."

*

If you haven't made plans for the weekend of 14-16 July, please consider attending ANARCON '89. I think that this is the greatest radio convention yet: The program contains things which will be of interest to any radio listener, and the organizers have knocked themselves out providing a format and a setting which will be a "total vacation." For room reservations, get in touch with the Dolphin Beach Resort, 4900 Gulf Boulevard, St. Petersburg Beach, FL 33706 (I'm sorry, I don't have the phone number--I'm a very organized person, you see--but it's available through Information.. The local area code is 813, but you could also try the 800 information line [800-555-1212] and see if they're available there).

+ + + + +

THE UNIVERSITY OF THE AIR

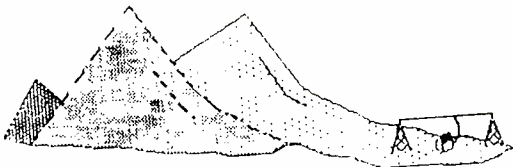
Radio for Peace International began broadcasting the college courses of the University of the Air on 30 April. The University is a joint project of the United Nations University for Peace (Costa Rica) and the World Peace University (Oregon). The first offering is a three-semester program leading to a Diplomate in Peace and Development.

All courses will be broadcast over RfPI, and class assignments will be airmailed to the University in order to receive academic credit. The University is lining up its faculty for the second and third semesters, and would like to hear from qualified volunteer instructors and potential students. The person to contact is Mark Siegmund, Vice Chancellor for External Affairs, World Peace University, P. O. Box 921867, Sylmar, CA 91392.

(Thanks to Mike Schulsinger for this information).

Oops! Out of Room! 73's, Zeddie

Latin Notebook



Carl Huffaker
Domicilio Conocido
Huasca De Ocampo
Estado De Hidalgo
Mexico

CARACOL, Colombia's radio giant, continues to grow. They've recently added the 1400 kHz mediumwave outlet in Quibdo, and as seems to be their policy, reactivated its shortwave outlet on 5020 kHz. The station operates on an "affiliate status" carrying CARACOL news on the hour, and except for specials, its own programs the rest of the time. According to CARACOL policy, the station retains its original name "Ecos del Atrato", but adds "CARACOL" to its ID.

The big addition is CARACOL, Colombia, a 250 kw mediumwave on 810 kHz and 50 kw shortwave on 5095 kHz in Bogotá. This is a "basic network" station and carries CARACOL programs 100% of the time. As a basic net station, they would normally ID "CARACOL, Bogotá", a name already in use, so they ID "CARACOL, Colombia" as both outlets are the most powerful in Colombia.

Most will recognize the frequencies and transmitters as those of Radio Sutatenza although it appears that they were using the lower-powered, ex-5075 kHz, transmitter on 5095 kHz during May. Too, it appears that the work is being done by an American engineer who lapsed into typical American accent and form in the middle of an ID.

Sutatenza started out as an independent Catholic station and later grew to an educational network largely on mediumwave. The net was taken over by a semi-government organization, and later by the government. They abandoned their shortwave outlets about a year ago after announcing that they would continue on mediumwave. The sale of the 250 kw mediumwave outlet would appear to conflict with this policy.

But perhaps the original owner still had financial control. It was about a year ago that the church financial empire in Colombia collapsed. It seems that the Archbishop in control had extended his work of charity to the point where there was nothing left. All the assets including office buildings and equipment went to a bankruptcy sale. CARACOL certainly has the political ability to buy out a government part, and in Latin-America, this type of negotiation takes around a year, but this is speculation on my part.

Certainly the Colombia government supports CARACOL, and from the way Latin-American families go, the owners are not without influence in the government. The rapid growth, each step requiring government approval, confirms this. Perhaps it's only a government effort to keep radio out of the hands of the drug mafia, who according to reports, have considerably more financial assets than the government.

Although the CARACOL news is anti-mafia, it's pro-government only by contrast. International coverage is complete and impartial. There is the typical Latin-American function of the Capital informing the provinces, but this is balanced by newsblocks from each of the major cities. They also have access, audio and FAX, to major news services worldwide. They're excellent programs starting the content rather than the anchorman.

Of particular interest to the Mier, is CARACOL's policy of reactivating shortwave outlets and late-night broadcasts. It's difficult to suggest that these are aimed at the campesino who customarily goes to bed and rises early, yet the frequency and time seem targeted to a rural audience, and the constant DJ enthusiasm about the music and other things Colombian limits the target to Colombia. The music on these broadcasts is almost entirely "party music", dance music that serves equally well as background music for some small bar in the mountains where the campesinos gather to drink Colombian rum, excellent stuff, and wonder if there isn't some way to meet the economic squeeze other than producing for the druglords. It's subtle propaganda designed to enhance their national identity, and certainly more palatable and entertaining than that turned out by the international broadcasters. CARACOL handles it well, obviously the reason for government support and permission to grow towards what is rapidly approaching a monopoly.

CARACOL has set the style for Venezuelan stations in the border area, but to the south, Ecuador and Peru resort to redundant PSA's on their late night broadcasts. Latin-Americans have always recognized a particular sophistication in the northwest corner of the continent. You hear it on CARACOL, and their broadcasts designed for the Capital, the cities, and the remote villages, reflect both nationalism and true democracy.

I've been editorializing again, but I hope it will make the Colombian stations easier to recognize. CARACOL will continue to grow, it's inevitable at this time. When you hear a new station with CARACOL ID's, listen after the news. If they carry their own programs, they're an affiliate and will, probably on the half-hour, ID with their own call letters and station name.

TARJETA DE VERIFICACION

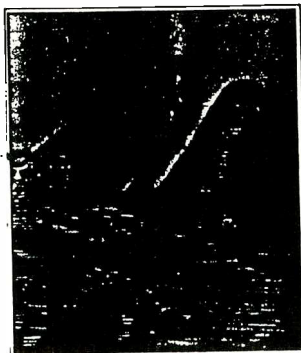
Confirmamos su recepción de fecha 21...
de ABRIL... de 19.88... de nuestra
emisora. Onda Media OBZ-4-N, 880 Kcs.,
con potencia de 50 Kwts., Onda Corta
OBZ-4-O, 6.115 Kcs., con potencia de 10
Kwts. La que encontramos correcta y
conforme a nuestra programación.

Siempre a sus órdenes

De sus Attos. y Ss. Ss.


RADIO UNION Y TELEVISION S.A.

Lima-Perú . 00 . de . . . JULIO 19 . 88



MACHU PICCHU
CUZCO - PERU

DXing the U.S. NAVY

Andy Gordon

Monitoring the Utility circuits can be very informative, rewarding, and even exciting! My primary listening target is the United States Navy. The nets I monitor are primarily USB voice, and normally the ship will identify by its full name: It wouldn't be worth the time or the energy for the CNO to direct that all Navy units keep their identities classified, especially within their home waters. The exceptions are SSN's and SSBN's, whose movements are classified, anyway: They will always use a classified tactical (alpha-numeric) call sign, such as B7W, or, at the very least, they will ID as "inbound Navy unit."

My favorite circuit is 2716 kHz (harbor tug control). This is used by Navy ships worldwide to establish communications with a Naval shore facility to arrange for tugboat assistance and to ascertain pier berthing assignments.

Many short-count tests ("Test 1-2-3-3-2-1, test out") are conducted on this net, usually prior to a ship calling a shore station. In the majority of instances, the ship will use its full name, as well as the full name of the shore station being contacted. For instance, you might hear: "San Diego Control One, this is USS Germantown, radio check, over." Control answers up on the same simplex frequency. For East Coast listeners, mornings and evenings just before sunrise and just after sunset will be the best time to guard this circuit. Ships calling shore stations from Newport, Rhode Island to Roosevelt Roads, Puerto Rico will be loud and clear. Much of the activity you'll hear will be for Norfolk Tug Control, due to the size and scope of activity at the huge Naval base in Norfolk, VA.

My favorite type of DX is hearing a ship on 2716 from the opposite coast, i. e. "San Diego Control 1," "Long Beach Control 2," etc.

This net is also used by AUTEK (Atlantic Underseas Test and Evaluation Center) Operations, which communicates with its research vessels and with U. S. Navy surface ships and submarines. AUTEK is 100% classified, as they conduct anti-submarine warfare operations; and all call signs are classified. (The Soviets would love to know more about the extent of our submarine detecting capabilities.) You'll hear names such as "Foreclose," "Rangemaster," and "Snapper;" the only ship which identifies itself is Research Vessel Deer Island, YAG62. NASA also uses this circuit with Canaveral Control, Cape Radio, and Fisher. Canaveral Control almost always uses classified alpha-numeric call signs when working visiting Navy vessels (mostly submarines).

Another circuit I monitor is 4066 kHz, used by U. S. Navy ships attempting to raise Norfolk ICSB (Intercommand Switchboard) or San Diego CSS (Command Switching System) for official Navy phone patch traffic. Phone patches usually concern equipment failures, spare parts, American Red Cross priority messages, or medical information for one of the ship's Corpsmen who has requested assistance in evaluating an injured person's condition. San Diego answers up on 4360.5 kHz, and Norfolk answers up on 4360.0 kHz. All communications are USB duplex, 24 hours a day.

7535 kHz is used by U. S. Navy ships in the Atlantic to test their emitters' modulation through Norfolk SESEF (Ships' Electronic Systems Evaluation Facility) in Fort Story, VA. SESEF tests USB, LSB, ISB, AM, CW, and FSK, testing each emitter separately. Schedules are made up in advance, and usually worked during business hours. Naval stations such as Roosevelt Roads (Hampshire) and Guantanamo (Barbaric) also use this circuit for radio checks. All communications are simplex. This net is a good way to hear precommissioned units (PCU's) months before commissioning while they are still at shipyards such as Newport News and the Bath Iron Works.

The circuit 8719 kHz is used by units of the Combat Support Squadron-8 (COMSUPRON-8), headquartered at Little Creek, Norfolk. Salvage ships, minesweepers, and MSC ocean tugs guard this frequency 24 hours a day, passing traffic to and from the COMSUPRON-8 squadron. This frequency is very close to one used by the Coast Guard (8718.9), and they often step on each other. 8719 is simplex, USB, and is usually active in the mornings and evenings.

The MARS circuits are also very good for monitoring the Navy's ships around the world.

All callsigns--ship and shore--begin with the NNNO prefix. All ships' callsigns are followed by (usually) a C (such as NNNO CWI, USS Wisconsin BB-64) or (sometimes) an N (NNNONZZ, USS Kitty Hawk CV-63). The most widely used frequency is 14441.5 kHz, the hailing frequency. After contact is established with a shore station, both ship and shore will QSY to a working frequency: 14463.5; 14467; 14470; 14477; 14818.5; and 14838.5. (Two others--13826 and 14483.5--are mostly used by Westpac, the Western Pacific and Indian Ocean regions).

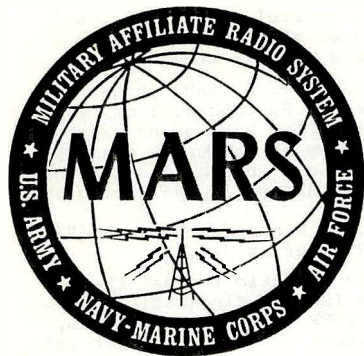
These frequencies are all used by Navy, Coast Guard, and NOAA ships to pass "morale traffic" from personnel on board to loved ones back home. The net is usually busy, but peak times are Christmas, Valentine's Day, Mother's Day, and Thanksgiving. All communications are USB simplex, except for some occasional MARSgrams in RTTY.

As of late, some frequencies in the 20 MHz range are being employed: Try 20936 and 20997 kHz.

If the monitor's interest is only to obtain QSL's from as many different military units as possible, then the MARSnets are for you! Most MARS stations aboard Navy warships will gladly respond, since the transmissions are totally unclassified; many MARS operators are Amateur Radio operators, too, and highly regard the quest for the QSL.

Since my objective was to hear as many Navy warships as possible (372 so far), I had to learn as much as I could about ship names and homeports. I started with a brand new edition of JANE'S FIGHTING SHIPS and SHIPS OF THE U. S. NAVY, with help from U. S. WARSHIPS SINCE 1945. The U. S. Navy will supply a 40-page list of all battle forces, including NRF's (Naval Reserve Forces, manned by regular Navy crews and contingents of "weekend warriors") and MSC's (Military Sealift Command; these are service ships, tankers, oilers, cargo ships, and ships of the Prepositioning Force--generally manned by civilians, although the ships are leased or owned by the Navy, and a vital part of the supply system), listing FPO addresses and homeports.

My QSL rate is 75%, and I've made many acquaintances and have been invited on six different ships. I've visited three so far, and even took a couple of overnight cruises on an aging tin can (a topgun destroyer of Vietnam-era fame). I've also started collecting ships' baseball caps; the new ones with the ships' silhouettes are beautiful!



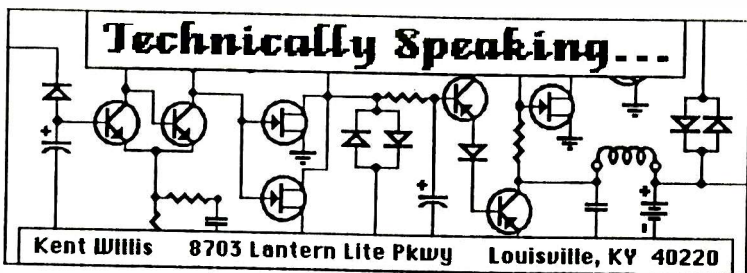
What is MARS?

The Military Affiliate Radio System is a Department of Defense sponsored program, established as separate managed and operated programs by the Army, Navy, and Air Force.

The program consists of licensed amateur radio operators who are interested in military communications. They contribute to the MARS mission providing auxiliary or emergency communications on a local, national, and international basis as an adjunct to normal communications.

MARS History

In November 1925, the Army Amateur Radio System (AARS) was formed by a few dedicated pioneers in the United States Army Signal Corps. This organization continued until the start of World War II when operations were suspended. Army amateur radio was authorized to resume operations in 1946 and the Army Amateur Radio System was reactivated and functioned as such until 1948 when the Army and Air Force established the Military Amateur Radio System, later renamed the Military Affiliate Radio System (MARS). In 1962, the Navy-Marine Corps MARS program was launched making MARS a joint service program.



Welcome. To stimulate contributive participation in this column, I would like to begin a little "contest". From time to time (i.e., not every month) I will solicit readers for contributions to "Technically Speaking...". The reader with the most useful and interesting technical submission will win a new hobby-related book or magazine. I recently purchased a large number of shortwave and related (including, but not limited to subjects such as antennas, electronics, broadcasting, communications and radio experimentation) at closeout prices from a major publisher. Lest you think I'm heeled like Donald Trump, I must confess the books cost \$1.99 each. The postage to mail them to the winners will probably exceed their initial cost. This "contest" is funded solely by yours truly and the entire motivation is to further the growth of our fascinating hobby. Many of our readers have limited budgets and simply don't have an extra \$10 to \$20 dollars to spend on books or magazines. Here is a chance to share your expertise with others and benefit tangibly as a result. All it will cost is a little time and effort on your part.

All contributions will be acknowledged and it is hoped that there will be no hard feelings among the non-winning participants. With only one prize per contest, everyone can't be the winner. All of us will benefit from your contributions and you will see your name in bright lights on the marquee! Well, maybe no bright lights and well, maybe no marquee, and I may even spell your name wrong, but you will be famous for about 15 minutes, just like Andy Warhol said!

The rules for the contest are extremely complex and draconian: (1) Send in something. (2) Wait until the next issue of SPEEDX. (3) Read this column first. That's all there is to it! The prize for this installment is a NEW (not a dog-eared, prered, food-stained) issue of Popular Communications, purchased with funds embezzled from the SPEEDX Treasury - hi!. Actually, purchased by me at a local bookstore and NOT supplied by the "Pop Com" publisher in exchange for anything. I'll have you know that editors can't be bought, but they can be persuaded to change their minds for small stacks of US currency-hi! Ladies and gentlemen, start your typewriters...!

Hmm... I see that I did not quite waste 2 pages yet. I guess I'll have to write something else this month.

Receiver Specifications: What They Mean And What They Don't. Part 1, Introduction.

With such a large number of portable and table-top communications receivers available, a typical buyer may have trouble deciding which radio will perform most efficiently for a particular price. Few of us have unlimited budgets and must spend our money a little more wisely. In order to do so, it is important that we understand how to interpret the technical razmatazz provided by manufacturers. It should be stated that I am not recommending any particular receiver over any other, that is something you must decide for yourself. I will present only hypothetical examples of RX specifications solely for tutorial purposes.

We will begin to see that manufacturers occasionally boast numbers which may appear impressive to the uninformed, when in fact their numbers are actually quite embarrassing and their product ought to be improved, or at the very least, the faint praise data should be omitted from their advertising! Certainly it is difficult to decide solely upon price or performance. Aesthetic considerations including panel appeal and craftsmanship occasionally affect our choice. Remember, you don't always get what you pay for. Sometimes you get less! Why should you spend a great deal more for another decimal place of "improvement" in sensitivity or selectivity when you will never be able to perceptibly enjoy what you paid for? You shouldn't. Give the extra money to a worthwhile charity. Or send it to me!

Let's begin with sensitivity. Most of us understand that sensitivity refers to a receiver's ability to successfully recover and demodulate a weak signal. The greater the sensitivity, the greater the probability of detection and demodulation of a given signal. Up to a point. Other factors, such as internally generated receiver and external atmospheric noise will determine a receiver's practical or usable sensitivity. Many receivers have more sensitivity than you can use, especially below 2 MHz. How can you have more sensitivity than you can use? Once you connect an antenna to the input terminals, you are inviting in every form of electrical noise in addition to the desired shortwave signals. Galactic, atmospheric (related to world-wide lightning discharges) and cosmic noise all have fundamental magnitudes which are often greater than the magnitudes of the desired signals. If the combined voltage magnitudes of the natural and other man made sources at your location is about 2 microvolt for a typical bandwidth at the frequency of interest, a receiver with a better than 2 microvolt sensitivity will not make much difference!

Measuring sensitivity involves determination of the noise figure of the receiver. The RF input voltage (or power) required to produce an audio output which is about 10-20 dB above the inherent receiver noise would be an appropriate figure of merit for comparison with other receivers. The lower the voltage (or power) needed to produce the desired output, the better. Current state of the art for the 2-30 Mhz range is about 0.1 microvolt for a 10 dB output above the noise floor. Very few available receivers have such impressive sensitivity. A receiver with greater than about 4 or 5 microvolt sensitivity should be left on the store shelf.

The minimum detectable signal (MDS) is another figure of merit closely related to sensitivity. The MDS is defined as the input power required to produce a 3 dB signal + noise / noise ratio. We can not measure a signal without the undesirable associated noise. It is important to know the bandwidth of measurement because the magnitude of the noise is directly proportional to this bandwidth. Every receiver has a noise figure which indicates just how much additional noise the receiver generates. Electronic components all generate noise, mainly because of the "granular" or discrete nature of the electron and thermally induced random motion of electrons.

Careful selection of components and proper biasing (selection of the operating point of transistors and other "active" devices) will minimize but not eliminate the internally generated noise. Poorly designed receivers generate so much internal noise that weak DX signals are hopelessly buried in the noise, and hence, unrecoverable. Fortunately, with modern solid state devices it is relatively simple (and cheap) to obtain excellent sensitivity. It is therefore not a lack of sensitivity which separates the "men from the boys". It is usually the selectivity, strong signal handling capability (dynamic range) and freedom from images and other forms of distortion which determines the overall effectiveness of a receiver. These parameters are much more important and generally more difficult to design and provide economically. Quite simply, it is very expensive to provide state of the art performance in every area.

The introduction of built-in microprocessors has given us tremendous operating flexibility in the form of automatic frequency selection, scanning, memory storage and many other bells and whistles. Unfortunately, every rose has its thorn. These microprocessors are electronically very noisy. The CPU "clock" frequency and its various harmonics and essential subdivisions (such as the frequency display "refresh" signal) often appear in some form along with the received signal. You may know that the rare and elusive "Nibi-Nibi" is on 4,932.057 MHz thanks to your microprocessor, but if the magnitude of the microprocessor noise is a thousand times greater than that once in a lifetime catch, you ain't gonna get it! One way to solve (?) this problem is to decrease the sensitivity of the receiver so you don't hear the microprocessor garbage. You also don't get to hear "Nibi-Nibi" either! It often cost more to carefully shield, isolate and neutralize this noise and maintain excellent sensitivity that it does to add a simple microprocessor. It certainly can be accomplished, but not inexpensively.

Next month (August) we will return to audio filtering and most likely continue the present discussion in September with a look at selectivity. Send in your entries to this month's contest.

73's and great DX!



WHAT'S ON--ENGLISH BROADCAST TO NORTH AMERICA
 Produced for SPEEDY by Daniel Sampson
 CHANGES ENTERED MAY 14-JUNE 14, 1989

UTC Time	Station	Notes	Frequencies
0000-0030	R. Korea, S.Korea	---	15575
0000-0100	R. Beijing, China	---	17855; 17715M1; 15130M1; 11715M1; 9770M1
0000-0200	WSHB, U.S.A.	---	13760; 7405
0100-0145	R. Yugoslavia	---	15105; 11735
0145-0230	RBI, G.D.R.	---	15125; 11890; 11785; 6080
0200-0230	R. Kiev, U.S.S.R.	---	15455; 15180; 13645; 12000; 11790; 11675
0200-0600	WHRI, U.S.A.	---	9495; 7365
0200-0600	WSHB, U.S.A.	---	13760; 9455
0300-0345	RBI, G.D.R.	---	15125; 11785
0345-0430	RBI, G.D.R.	---	15125; 11785
0600-0700	R. Korea, S.Korea	---	11830; 9570
0600-0800	WSHB, U.S.A.	---	13760; 11980; 9455
0800-1000	WSHB, U.S.A.	---	17855; 9455
1000-1200	WSHB, U.S.A.	---	9495; 9455
1100-1400	WHRI, U.S.A.	---	11790; 9465
1200-1400	WSHB, U.S.A.	---	11930; 9495
1400-1500	R. Korea, S.Korea	---	15575; 9750
1400-1500	WHRI, U.S.A.	---	15105; 9465
1400-1600	R. Japan	Gen svce	11865
1400-1600	WSHB, U.S.A.	---	17555; 13760
1500-1600	WHRI, U.S.A.	---	21840; 15105; 9465
1600-1700	WHRI, U.S.A.	---	21840; 15105
1700-1800	R. Japan	Gen svce	11865
1900-1930	R. Japan	Gen svce	11865
2000-2200	WSHB, U.S.A.	---	21640; 17555
2200-2230	R. Vilnius, U.S.S.R.	---	17665; 15455; 15420; 9860; 9765; 7400; 6100
2200-2400	V. of UAE	---	13605; 11965
2200-2400	WSHB, U.S.A.	---	17555; 9465
2330-2400	R. Kiev, U.S.S.R.	---	15455; 15180; 13645; 12000; 11790
2330-2400	R. Korea, S.Korea	---	15575

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

THE VOICE OF AMERICA: English-Language Schedule

The VOA English schedule is divided into five target regions, with morning and evening broadcasts for each region. All times are UTC.

1. SOUTH ASIA

Time	Frequencies
0100-0300	7115; 7205; 11710; 15160; 15215; 15250; 17735
1400-1700	9760; 15205
1400-1800	6100; 7125; 9645; 15395
1500-1800	9700; 15260

2. EAST ASIA: SOUTHEAST ASIA: PACIFIC: NORTHEAST ASIA: JAPAN: ETC.

Time	Frequencies
1000-1200	5985; 11720; 15425 (Pacific)
1000-1330	11720 (Northeast Asia)
1100-1500	9760; 15160 (Northeast Asia)
1100-1500	9760; 15425 (Southeast Asia)
1100-1300	6110 (Indonesia)
1100-1500	15425 (Indonesia)
1100-1400	6110; 15160; 15425 (Pacific)
1900-2000	9525; 11965; 15185 (Pacific)
2100-2200	9525; 11965; 15185 (Pacific)
2200-0000	15305 (Northeast Asia)
2200-0100	15290; 17735; 17820 (Northeast Asia)
2200-0100	7120; 9770; 15185 (Southeast Asia)
2200-0000	15305 (Indonesia)
2200-0100	11760 (Indonesia)
2200-0000	7120; 11760; 15185; 17735 (Pacific)

3. THE AMERICAS AND THE CARIBBEAN

Time	Frequencies
1000-1200	6030; 6165; 9590 (Caribbean)
2200-2215	9640; 11740; 15225 (Caribbean)
0000-0100	11695 (Caribbean)
0000-0200	6130; 9455 (Caribbean)
0000-0200	11740 (Americas)
0000-0230	5995; 9775; 9815; 11580; 11740; 15205 (Americas)
0100-0200	6130; 9455 (Americas)

4. AFRICA

Time	Frequencies
0300-0430	3990; 11855
0300-0500	9525
0300-0600	6035; 7280; 9575
0500-0600	9540
0600-0700	3990; 6035; 6080; 6125; 7280; 9530; 9540; 11915 (West Africa)
1600-1900	9575; 11920
1600-2200	15445; 15600; 17870
1600-2200	7195; 15410; 15580; 17785; 17800 (West Africa)
1800-2200	21485 (West Africa)

5. MIDDLE EAST/NORTH AFRICA/EUROPE

Time	Frequency
0400-0600	15205 (Middle East)
0400-0700	11925 (Middle East)
0400-0700	5995; 6040; 7170; 7200; 11925 (Europe)
0430-0700	3980 (Europe)
0500-0700	7170 (North Africa)
0530-0700	6060 (Europe)
0600-0700	5965; 7325 (Middle East)
0600-0700	6095; 11805 (North Africa)
0600-0700	6095; 7325 (Europe)
1500-1700	15205 (Middle East)
1500-2200	9700 (Middle East)
1700-2200	9760 (Middle East)
1700-2200	6040; 9760; 11760; 15205 (Europe)
1700-2200	15205 (Europe)
1830-2200	9760 (North Africa)

While VOA's schedules are normally not available to Americans, the Michigan Area Radio Enthusiasts (MARE) recently paid a social call on VOA's Bethany, Ohio, relay site, and came away with this lovely sked. It was put into more usable form (VOA's printed schedules are notoriously complex) by Larry Russell, "Worldwide Radio" column editor for the MARE Member's Newsletter. Our thanks to Bob Walker and to MARE for their permission to reprint this schedule in SPEEDX.

If you live anywhere near a radio station that carries Tigers baseball (or even if you don't), it's definitely worth your while to get in touch with MARE. The club, besides publishing a bi-monthly newsletter (usually between 16 and 24 pages), sponsors DXpeditions, excursions such as the one to Bethany, barbecues, and other such festive events. Write to:

Michigan Area Radio Enthusiasts
Post Office Box 311
Wixom, MI 48096-0311

Membership is \$7.50 a year.

CONTINUOUS TUNING

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

JULY 1989

Deadline is the 12th of the month

SHORTWAVE PUBLICATION - Julian Anderson & Gabriel Ivan Barrera, Argentina are editing a publication named "The Art of Latin American QSLing" that intends to help overseas listeners who could be interested in LA DXing. It's been prepared in a 10-page-format. It's priced at US\$ 3 or 6 IRCs and the address is "The Art of Latin American QSLing"; Casilla 57; Suc.40; 1440-Buenos Aires, Argentina.

AUSTRALIA -Radio Australia's primary targets are Asian and Pacific nations, and Papua New Guinea. Its daily broadcasts, in nine different languages, provide 48 hours of news and current affairs, topical features, sport and entertainment. Reception beyond designated coverage areas is influenced by propagation conditions and frequency congestion and will vary from day to day. RA's J89 Sked effective 7 May 89: **ENGLISH SERVICE**: Broadcasts are directed to the following groups of countries and are designated in this manner in the listings: A - Papua New Guinea, Solomon Islands; B - New Caledonia, Vanuatu; C - Cook Islands, Fiji, Kiribati, Tonga, Tuvalu, Western Samoa; D - Indonesia, Malaysia, Singapore; E - Burma, Cambodia, Laos, Thailand, Vietnam; F - China, Hong Kong, Korea, Taiwan; G - Japan, The Philippines; H - Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka; J - New Zealand, Norfolk Island. * = Sat & Sun only. 21740 22-0730 S50 B&C; 17795 21-06 S100 B&C; 17750 0000-04 D250 E, 03-06 D250 F*, 05-06 D250 E, 08-09 D250 E; 17715 01-0913 H&D, 04-05 D250 F&G; 15415 09-11 C250 H&D; 15395 01-04 C250 D&E, 03-06 C250 F*, 05-09 C250 D&E; 15320 22-06 S100 B&C; 15240 0000-01 C250 C&E, 21-0730 S100 J, 22-01 S100 D&E; 15160 21-0830 S100 A, 21-08 S100 B; 15140 0000-01 C100 E; 11910 04-0630 S100 J; 11800 11-1230 D250 G; 11720 0830-0930 S100 B&C; 9770 10-11 S100 D&E, 11-13 C250 H&D; 9760 09-10 S100 G; 9710 11-1230 S100 G; 9655 07-1030 S100 J; 9620 20-2130 S100 A; 9580 08-2030 S100 B&C; 7215 11-13 S100 J, 15-2030 S100 J; 7205 12-1430 S100 D&E, 1430-1530 C300 D&E, 1530-2030 C300 H; 6080 11-20 S100 A&G; 6060 1130-14 S50 B&C, 1430-2030 S100 B&C; 6035 1530-2030 C250 H; 5995 0830-19 S100 B&A. **UK/Europe**: 9655 07-1030 S100; 7205 1530-2030 C300; 6035 1530-2030 C250. **United States/Canada**: 17795 22-04 S100; 15320 22-02 S100; 9580 08-15 S100; 6060 1130-14 S50. **INDONESIAN SERVICE**: 15365 23-01 D250; 11855 23-24 C100, 0000-01 C300; 11705 09-13 C100; 9645 09-13 D250; 9505 21-22 C300; 6035 21-23 C250. **CHINESE SERVICE**: (Standard Chinese) - 17750 04-05 D250; 17715 0930-1030 D250; 15395 04-05 C250, 0930-1030 C300; 15170 21-23 D250; 11765 1030-13 C300; 11730 21-23 D250; 9720 21-23 D250; 7120 1030-13 D250. (Cantonese) - 7120 13-1430 C300, 13-1430 D250. **PAPUA NEW GUINEA SERVICE**: 9710 08-11 S50; 6080 08-11 S100. **FRENCH SERVICE**: 17795 06-08 S100; 17750 06-08 D250; 15320 06-08 S100. **THAI SERVICE**: 15380 23-24 C250; 9505 23-24 C300. **JAPANESE SERVICE**: 11800 10-11 D250, 1230-1330 D250; 9760 10-11 S100; 9710 1230-1330 S100. **VIETNAMESE SERVICE**: 9770 1330-1430 D250; 7135 1330-1430 S100. **TRANSMITTING STATIONS**: C - Carnarvon, Western Australia; D - Darwin, Northern Territory, S - Shepparton, Victoria. **ENGLISH PROGRAMS** - Anything Goes: John Anderson with a lively musical smorgasbord. Fri 1730, Sun 0030, Mon 2230, Wed 0230; **Arts Roundabout**: Reflecting significant achievements in the Arts in Australia, past and present. Presented by Nick Kaye. Sat 1930, Sun 0430, Mon 230, Thu 1530. **At Your Request**: Dick Paterson plays your choice of music. Sun 0130, 0530, Mon 1730, Wed 1030, Fri 2230. **AgriNews**: News and information about agricultural and primary industries, presented by Denis Gibbons. Sat 0713, 1513, Mon 0430, Tue 0930, Thu 1830. **Australian Country Style**: Eric Scott surveys the local country music scene. Sat 0130, Mon 0630, Tue 1030, Wed 2230, Thu 1730. **Along the Mighty Murray**: Denis Gibbons' stories of people, places and events linked with Australia's greatest river. Fri 2030, Sat 0530, Sun 1830, Wed 1530. **Book Readings**: Serialised readings from popular books. Sat 0230, Sun 0913, Mon 1345, Wed 1945, Thur 2330. **Boomerang**: Warren Moulton and Michael Taft answer listener enquiries about RA. Thu 2345, Fri 1713, Sat 0913, 1430, Sun 0113. **Business Horizons**: Peter Stirling reviews business and trade in Australia and neighbouring regions.

Thu 1230, Fri 0630, Sun 1930, Tue 0430, 1713. Communicator: Roger Broadbent and Mike Bird report on the latest developments in the communications world. Sun 0230, 0730, 1230, 1730, 2030. Conversations: Peter Barnett, RA's director, presents a series of discussions with well-known Australians. Sat 1730, Sun 0630, Mon 1230, Tue 0130, 2030. Innovations: Desley Blanch reports on Australian inventions and innovative practices and processes. Interaction: Trevor Robertson explores the activities and experiences of multicultural Australia. Sat 1030, Sun 2230, Wed 1230, Thu 0130, 0630. International Country Music: John Anderson plays the latest chart makers and top albums. Thu 2230, Sat 1230, Mon 0230, Tue 1730. International Top Hits: The week's biggest sounds with John Anderson. Fri & Sun 1130, 2130. Just Out: Geraldine Couatts with recent Australian releases. Monitor: Australian science, medicine and technology news, with Brendon Telfer. Sat 0430, Sun 2330, Mon 1530. Matters of Faith: Dallas Adair examines doctrines and beliefs of faiths of Asia, the Pacific and Australia. Thu 0930, Fri 0430, Sat 2030, Sun 1530, Mon 1830. Pacific Sunrise: Reporting business and export development in the south-west and central Pacific. Propagation Report: Mike Bird with the shortwave weather report. Daily 0430, 0826, 1225, 1627. Smith's Weekly: A pot-pourri of news and views with Keith Smith. Fri 0930, Sun 1313, Tue 2330, Wed 0430, Thu 1713. Soundabout: Michael Wagner plays young contemporary music from Australia and around the world. Tue, Thu & Sat 1130, 2130. Sports Results: Results and reports from Australian and International events. Presented by Brendon Telfer and Nick Kaye. Sports World: Reports, commentaries and results of events around Australia today. Hosted by Peter McArthur. Sat 02-0730 on 21740, 17715 and 15240 only). Stock Exchange Report: A roundup of news and prices from the Melbourne Exchange. Mon to Fri 0825, 1025, 1425, 1625, 2025. Tattsлото Results: Winning numbers in Australia's major lottery. Sat 1227, 1713, Sun 0850, 1227. This Australia: Documentaries about the land "down under". Sat 0930, 1530, Mon 0130, Fri 1830. Taim Bilong Masta: Tim Bowden traces Australia's role as administrator of Papua New Guinea for almost 70 years. Thu 0733, Fri 1530, Sun 0930, Tue 0230, Wed 2030. Try to Remember: Jeff Dugan and John Chester review 50 years of popular music in Australia. Wed 0130, Thu 1930, Sun 1030, Tue 1530. Window on Australia: Rob Hoskin "looks in" on people and places all over the nation. Word of Mouth: Oral histories of people who have made significant contributions to Australia. Sat 2113, Sun 1713, Wed 0930, Thu 0230. You Asked For It: Desley Blanch and Denis Gibbons answer listeners' questions about Australia. Sat 0313, 1313, Sun 0713, Tue 1830, Wed 2330. (via Keith Synnott, Publicity Officer, Radio Australia.) 11895NF, 1458, Radio Australia, EE, Walting Matilda t/15 then M "Welcome to R. Australia" into World news//9580 on 6/6. Not one of the announced freqs! (bmm) Keith Synnott, Publicity Officer, Radio Australia in a letter dated 6/8 says 11895 is a short term addition to our schedule so that RA can broadcast some of the sessions of play in the test cricket being played between Australia & England, in the UK. Broadcast hours are 15-17 on playing days. The signal is from a 250Kw transmitter at Carnarvon. The main target is India, Pakistan and Bangladesh, where the population thrives on cricket no matter who is playing whom or where!. 15245NF, *1500, RA, EE observed on 6/15, Might be for the same purpose or to China as well as 21525NF at 0627 on 6/15. (bmm)

BOLIVIA - New Station! 4600, R. Perla del Agro, Cobija, Dpto. de Pando, 0150-0252 on 5/26. Talk about Asociacion de Pando, pgm "La Mesa Redonda", ID "Desde Cobija, capital del Departamento de Pando..", "Desde el Estudio 3 de La Perla del Agro..", 0229* abrupt. (Gabriel Ivan Barrera, Argentina via his pub "Onda Corta" Jun 89)

BRAZIL - New Station! Radio Nova Esperanca, Porto Alegre, 6160 19-2001, PF//9550. Listened first day of transmission on 9550. Religious programs, ID: "E a Radio Nova Esperanca de Porto Alegre em 49 metros 6160 khz, y a partir de hoje tambem en 31 metros con 9550 khz; de Porto Alegre para todo o Brasil, ouca e divulgue a Radio Nova Esperanca, uma Radio evangelica para o evangelio pelo Brasil actual". Listened 5/27 with strong signal, ID: "Nova Esperanca de Porto Alegre, transmitiendo para todo o Brasil a mensagem da palavra de Deus.." mention phone: 0512-728245. (Gabriel Ivan Barrera, Argentina, via his June 89 "Onda Corta") Ernie Beher, Kenora, Ontario reports R. Arhanguera on 6080NF from 0130-03//11830. (via Glenn Hauser on RCI's SWLD 6/10) Note: In the DX SPREAD, I erroneously reported it as R. Araguaia. (bmm)

CHINA - On 6/4 at 0300, I heard on Radio Beijing's opening announcement a M giving a statement about the tragedy in Beijing. Knowing this was highly

unusual, I called Eric Swedberg, Portland, OR, and asked him to check the 0400 broadcast and please tape it. He did and this is the opening announcement heard on 11685 at 0400 on 6/3: A M said "This is Radio Beijing. Please remember June the 3rd, 1989. The most tragic event happened in the Chinese Capital, Beijing. Thousands of people, most of them innocent civilians, were killed by fully-armed soldiers when they forced their way into the city. Among the killed are our colleagues at Radio Beijing. The soldiers were riding on armored vehicles and used machine guns against thousands of local residents and students, who tried to blunt their way. When the Army convoys made the break through, soldiers continued to spray their bullets indiscriminately at crowds in the street. Eyewitnesses say some armored vehicles even crushed foot soldiers who hesitated in front of the resisting civilians. Radio Beijing English Department deeply mourns those died in the tragic incident, and appeals to all its listeners to join our protest for the gross violation of human rights, and the most barbarous oppression of the people. Because of the abnormal situation here in Beijing, there is no news we could bring you. We sincerely ask for your understanding, and thank you for joining us at this most tragic moment." Note: I cannot hear the RB broadcasts to Australia. Does anyone in Australia know when this courageous statement was discovered by the government? According to Usenet's Social Culture China News Group (it links Chinese students in NA) via ANARC BBS on 6/7 (and thanks for this from David Snyder, New York). The announcer was killed soon after broadcasting this & from the ANARC BBS on 6/10 via David Snyder, NY, it has been suggested that ANARC give its "Broadcaster of the Year" award to Radio Beijing announcer who read the previous statement, and who appears to have paid for it with his life. He has tentatively been identified as Liu Dan. On RN's 'Media Network' on 6/9. Unconfirmed report from Hong Kong on Monday says that he has been arrested. 11905, 0657, CPBS-2, CC Opera. 5+1 time pips @07. W w/Beijing time and M w/ID. Being used as a jammer over CBS, Taiwan listed for this freq on 6/12 (bmm) 15401, 1143, UNID, Unlisted w/delicate Oriental orchestral and vocal selections; M & W in non-tonal language; at 12 "5+1" pips and continued in same tongue. Fair with QRM from Finland on 5/24 and not there any day since. (Bob Hill, MA) 17890, 1444, CPBS-1, Real strong here over VOA CC broadcast //7516 & 17890// 15410 VOA(jammed by CPBS-1 another strong signal overrunning VOA in CC on 6/5 (bmm))

CHINA OR NON CHINA - 8375, 1401-1405*, Heard W in CC on a tape "Beijing Calling For Help" 6/6 (bmm)

COLOMBIA - 4945, 0530, Caracol, SS, M talk. At 0543 M "Caracol, Colombia"//5075 on 6/16. No sign of 4755. (bmm)

COSTA RICA - 5044v, 0441, R. Impacto, M talking about Nicaragua. At 0443 ID//6150 on 6/8. Noted back on 5030 at 0343//6150 on 6/15(bmm) 11866vNF, 0044, Radio Mundial Adventista, SS, M w/relig talk amid music t/0048 then just music. At 0049 M "Radio Mundial Adventista presente"... and at 2330 children's choir singing then brief music & M talk & W w/Radio Mundial Adventista" ID on 6/11 & on 6/15 on listed 11870 freq at 0237-0413*. (bmm)

CUBA - Radio Havana Cuba Pub Sked 5/8-11/5: SS 09-11 15155, 11950; 11-16 6060; 11-17 15155, 15285, 15430, 11760, 11820, 9550; 23-0140 11910; 23-02 11760; 23-06 11725, 11950, 11970, 6060; 0000-04 9550. EE for NA: 0000-06 11820; 02-0450 9710; 06-08 11835. EE for the Caribbean: 04-06 11760, 9565. FE: 03-04 11760, 9565. Creole: 21-22 6060; 02-03 11760. PP: 09-1045 11820; 01-0245 15340; Quechua: 10-1050 11760; 0000-01 15340. Guarani: 23-24 15340. AA: 22-23 15340. Esperanto: 08-0820 11835; 17-1720 15155, 15285, 15340, 11820, 11760, 9550; 2240-23 11970, 11950, 11910, 6060. (via James Kline, CA)

EQUATORIAL GUINEA - 7188.9NF (occasionally 7188.8), from around 2130, R. Africa, Fundamentalist gospel programs. S/off time varies considerably - 2145* on 5/19(Fri), 2258* on 5/20(Sat), 2227* on 5/24 (Wed). At closedown, gives time of operation as 6-11 PM (presumably 18-23 UTC), freq as 9852, address as POB 805, Malabo; concludes with NA. Builds to outstanding signal. (Bob Hill, MA)

GABON - 9580NF, 2047, Afrique #1, Afro pops, M announcer//15475. 2055* on 6/10. 9580 continues from 21, I believe, as I heard them on this freq from 2117 on 6/12 (bmm)

INDIA - 11850, 1113, All India Radio, Unlisted w/IS, then s/on in Burmese or Thai (both scheduled *1115); faded shortly thereafter on 5/26. (Hill) 15125, from around 0930-11*, AIR(t), Exotic subcontinental vocals interspersed with brief announcements in local language by W; always weak and mixing with "R. Moskau"(Moscow in GG). Doesn't match published schedules for Delhi on this freq; sounds like Vivdh Bharati program of music from Indian films on 5/13 (Bob Hill, MA)

INDONESIA - 15155NF, 0858, V. of Indonesia, SCI, Malay service @09 on 6/11. Maybe ex the listed 15150 or just wandering. (bmm)

ITALY - 9515, 2124, R. 1, Caltanissetta(Sicily), Telephone interview in Italian; At 2128 RAI R. 1 ID, gave several freqs, said buona notte and left the air after a few minutes of test tones and clicks on 5/27. Not often heard here this time of day. (Bob Hill, MA)

LEBANON - 6549.5, from around 23 past 02, V. of Lebanon, several times heard since 5/12(post-Ramadan). ME music, chatter in AA by W DJ; slick production and generally good signal on 5/12. Perhaps 24 hour operation now? (Bob Hill, MA)

PAKISTAN - 3665, 1800, Azad Kashmir Radio, Muzzafarabad. Drifted 10 kHz from the spot where I last reported them. Signing off w/anthem 'Yeh vatan hamara Azad Kashmir'. Very faint but channel free of utilities. (Supratik Sanatani, Aligarh, India via OZ DX No. 44, June 89)

PHILIPPINES - Radio Veritas Asia at 15-1530 in EE now on 9525NF ex 11740//15455 as noted on 6/13 (bmm)

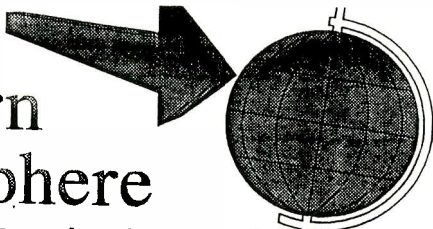
SWAZILAND - 9550NF, 0410, Trans World Radio, Chewa(listed), Good Signal. EE at 0430 on 5/27 (Eric Swedberg, OR). Note: This is ex published freq of 9670//and //7200 heard under VOA(via Wooferton, UK) (bmm)

TAIWAN - V. of Asia's Pub Sked: 5/7-9/24: 04-08 Mandarin on 7285; 1050-11 Mandarin on 5980; 11-12 EE 5980, 7445. V. of Asia's Programs: Sun-Sat News, Festival Asia(optional), Let's Learn Chinese plus Sunday: Pop songs; Mon: Asian Culture; Tue: Touring Asia; Wed: World of Science; Thu: World Economy; Fri: Music Gallery; Sat: Letterbox & songs by request. (via Ghislaine, V. of Asia) V. of Free China EE Sked as announced on 5/7 & known relay sites are noted: 02-03 & 03-04 5985, 9680 (both via WYFR) to NA, 15345 Japan & Korea, 9765 Australia & New Zealand, 7445 Hong Kong and 02-03 11860 Malaysia, Vietnam, and W. Indonesia, 11740(via WYFR) to Central America and 03-04 11745 to E. Indonesia and the Philippines; 07-08 5985(via WYFR) to NA; 22-23 9955, 15345, 17612.5(via WYFR) to Europe and 15370 to Australia/New Zealand. (bmm) On 6/7, Eric Swedberg, OR on the 0300 broadcast of Voice of Free China heard this statement: M "Starting from tomorrow, all regular Voice of Free China programming will be preempted. The VOFC each day will bring you a full hour of programming on the events happening on mainland China." W "This will include the latest news, special interviews with scholars, experts and students from Taiwan and around the world, commentary and other related programs. Be sure to listen to the Voice of Free China each day for the latest information." 9680, *0200, V. of Free China via WYFR, CC, Sked announced as EE for this transmission but probably changed due to China crisis. EE at 03 6/9 (bmm)

UNITED STATES - 15690, *1958, World Wide Christian Radio (WWCR), Nashville, TN, IS & M w/ID & address First day of programming on 6/1. (bmm) them at *1850 on 15690 weak & noisy. At 19 "V. of Salvation". At recheck 1924 M in SS. At 2059 V. of Salvation heard again and at 2101 WNQM simulcast w/Pam Paxton. WWCR left the air at 2205*. Note: In conversation with the station, the on-air time depends on time sold. 7520 at night probably not until September. As early as 1421 tune in, M w/religious talk. At 1422 ID "The Grace Hour". It is a call-in program. M gave #'s 1-800-338-7060 for USA & overseas & local 301-483-3700. (bmm)

VENEZUELA - Active stations: 3275 R. Mara, Maracaibo, 0159-0214 & 0325-0405; 4780 Lv de Carabobo 03-0358*; 4830 R. Tachira, San Cristobal 0048-0110; 4840 R. Valera, Valera 01-0110; 4850 R. Capital, Caracas 0111-0130; 4940 R. Continental, Barinas 0131-02; 4970 R. Rumbos, Caracas 0245-0255; 4980 Ecos del Torbes 0256-0308; 5040 R. Maturin, Maturin 0330-0340; 6010 R. Los Andes Milcuarenta (10400 Merida 0405-0430); 9640 Ecos del Torbes, San Cristobal 2230-2240. (The Radio News, Venezuela via "Onda Corta" Jun 89 edited by Gabriel Ivan Barrera, Argentina) 73's, *Bruce*

Western Hemisphere



Loggings by the 12th of the month to:

Thomas F. Sable
University of Scranton
Scranton, PA 18510

Lots of new activity this month: some new stations and some new frequencies being activated. NEW FROM NASHVILLE: WWCR!

ALASKA**KNLS**

11700 1529 Cantonese; theme mx, OM ID in EE, Bible study (444 5/22 Matsushita-JP)

ANTIGUA**Deutsche Welle relay**

6160 0900 DW EE; Panorama: China situation (545 5/27 Miller-CA)
11795 0959 DW PP; sched, ID, IS, YL with nx (454 5/23 Matsushita-JP)

ARGENTINA

5990 1509 R Nacional QTH Viedma "En su receptor LRA2...emisora integrante del SOR" nx program (354 5/26 Barrera-ARG)
6160 0006 R Malargue "Radiodeportes," jingle "de esta manera hemos compartido junto a ustedes a traves de Radio Malargue" (354 5/28 Barrera-ARG)

BOLIVIA

3472 2320 R Padilla Messages, talk, ID: "Usted esta en sintonia de Radio Padilla..." (355 5/26 Barrera-ARG)
4518 2233 R Horizonte Ads, messages, ID: "De dia y de noche constantemente en su dial-Radio Horizonte" (454 5/26 Barrera-ARG)
4600 0150 R Perla del Agro [new station] Sport commentaries, Mother's Day IDs, "desde Cobija, Capital del Dpto. de Pando" (344 5/26 Barrera-ARG)
4649 2128 R Santa Ana Latin songs, religious program (354 5/25 Barrera-ARG)
4682 0250 R Paititi, Guayaramerin songs for Mother's Day (354 5/26 Barrera-ARG)
4795 0133 R Nueva America OM talks into LA mx (333 5/29 Bishop-NY)

BRAZIL

2420 2329 R Sao Carlos "Emissora do coracao" PP mx (344 5/26 Barrera-ARG)
2490 2332 R Oito de Setembro Braz mx, "a mais musica na R. Oito de Setembro" (355 5/26 Barrera-ARG)
3245 2113 R Clube Braz songs, ads, talk (454 5/25 Barrera-ARG)
4815 0050 R dif. Londrina OMs, YL talk, vocals, ID (242 5/10 D'Angelo-PA)
5015 0114 R Pioneira Long talk, telephone calls (354 5/26 Barrera-ARG)
6160 1900 R Nova Esperanca QTH Porto Alegre, religious talk (343 5/27 Barrera-ARG)
9550 " 1900 R Nova Esperanca QTH Rua Rogelio d'Enfant 1296; 90640 Porto Alegre,RS,Brasil; "transmitiendo para todo o Brasil a mensagem da palavra de Deus... Escreva dizendo como esta recebendo esta emissora ai em seu bairro..." Phone no. 0512-728245 (454 5/27 Barrera-ARG)
17730 0201 SRI EE; NX: Gorbachov elected president, Canadian dollar falls (232 5/25 Brown-IL)
11780 0926 R Nacional do Amazonia Morning show with IDs, DJ chatter, promo, Braz pops //6180 (343 6/3 Westenhaver-QU)(Matsushita-JP)

CANADA**Radio Canada International**British Broadcasting relay**Radio Japan relay**Radio Austria International relay**

5965 " 1100 BBC World nx: China suppression (444 6/4 Westenhaver-QU)
5975 0100 BBC "Outlook" 1979 Union strikes and the progress since then (454 5/10 Fraser-MA)
6015 0545 RAI Rally in Vienna for solar-powered cars (545 5/20 Westenhaver-QU)
6070 1133 CFRX Local nx and wx, traffic report (433 5/16 Westenhaver-QU)
6130 2245 CHNX US pops of the 60's, ID as "96 CHNS" (454 5/13 Fraser-MA)
6140 0520 RCI Nx, stock report, sports, wx (544 5/19/89 Carson-OK)+1
9535 0205 RCI China situation (333 5/22 Brown-IL)
9755 0215 RCI "As It Happens" (555 5/25 Brown-IL) SWL Digest (454 5/21 Card-R1)

11720 1114 RCI Report on photographer (333 5/13 Brown-IL)(Trescher-PA)
 15260 1705 BBC Nx: Armenian building scam, Sri Lanka rebels (333 5/13 Brown-IL)
 17820 2130 RCI "Coast to Coast" discusses Ontario (333 5/21 Carson-OK)

CHILE**Voice of Chile**

15140 0256 VC Latin pops (322 5/14 Trescher-PA)

CLANDESTINE

6305 0430 V C.I.D. SS; ID as "Radio Camilio Cienfuegos" Organ mx, Cuban mx (353
 5/11 Flynn-CA)
 9940 1218 V C.I.D. SS; OM talks (232 5/18 Famularo-JP)

COLOMBIA**CARACOL**

4865 0857 V Cinaruco ranchero-style mx, haps, vocals (243 5/21 Westenhaver-QU)
 4945 0636 CC Neiva Latin mx, time checks, ID, nx (322 5/21 Carson-OK)
 5075 0903 CC ads, farming program (444 5/21 Westenhaver-QU)(454 5/22
 D'Angelo-PA)(544 5/12 Carson-OK)
 5095 0252 CC Nx, ad for bank, time pips, ID (444 5/11 D'Angelo-PA)
 17736 0058 Rdif Nacional de Colombia "El Bacchilerato por Radio" (433 5/13
 Westenhaver-QU)

CUBA**Radio Habana Cuba**Radio Moscow relay**Radio Rebelde**

5025 0028 RR Instrumentals, time pips (333 5/16 Cichorek-NJ)
 5965 0428 RHC Nx, DX show, stamp prog (434 5/13 Carson-OK)
 9710 0334 RHC EE; ID; interview with representative of "Witness for Peace"//11820
 (333 5/13 Westenhaver-QU)
 11700 1326 RHC Nx, Cuban mx (555 5/13 Trescher-PA)
 11800 2003 RHC EE; Sweden aids Ortega, Chinese-USSR summit (343 5/12 Blight-MD)
 11820 0130 RHC Elections in anama (545 5/11 Bevens-MA)
 15285 1910 RHC AA; ID, recent elections in Argentina (343 5/17 Westenhaver-QU)

ECUADOR

4851 0320 R Luz y Vida Continuous Latin vocals, ID, announcement by YL, NA (222
 5/13 D'Angelo-PA)
 9745 0040 HCJB EE;"Psychology and You" (444 5/22 Brown-IL)(444 5/26 Miller-CA)
 (Flynn-CA)
 11775 0602 HCJB EE; DX Partyline: Microwaves and microprocessors (322 5/21
 Carson-OK)
 15155 0150 HCJB EE; Nx: crackdown in China (444 5/25 Brown-IL)(444 5/10 Loe-OH)
 (433 5/21 Saarikko-NY)
 15230 0115 HCJB EE; Woodwind mx (333 5/29 Brown-IL)+2
 15270 2140 EE; HCJB DX Partyline (444 5/13 Cichorek-NJ)

FRENCH GUIANA**Radio France relay**Radio Beijing relay**

5055 0840 RFO Guyane FF; EE pop song, ID [congrats! TFS] (343 5/21
 Westenhaver-QU)
 11685 0400 RB Nx, current affairs (433 5/13 Wallace-MA)
 HONDURAS
 4910 0230 V Mosquitia Back to the Bible; SS ID (222 5/13 Wallace-MA)

MEXICO

6165 0924 V America Latina Vocals with long talks by OM, ads, ID (232 5/29
 D'Angelo-PA)

NETHERLANDS ANTILLES**Radio Netherlands Relay**TransWorld Radio**

6165 0028 RN EE; Nx: Chinese situation (444 5/25 Brown-IL)
 11930 0318 TWR EE; "Caribbean Connection" (545 5/20 Carson-OK)
 15315 0027 RN EE; IS, ID, nx, Bush, Gorbachov, Kohl (544 5/12 Brown-IL)

PARAGUAY

9735 0033 R Nacional Mx (433 5/22 Brown-IL)(534 5/27 Miller-CA)

PERU

4731 2253 R San Juan de Caraz Huayno mx, Latin songs, ads (255 5/26 Barrera-ARG)

PIRATES**The Ear of Living Dangerously**

6240 0354 WKND Radio Animal and Big Ed DJs; Rock mx by Vinnie Vincent [and the
 Vindicators?? TFS] (444 5/27 Bronowicz-NJ)(D'Angelo-PA)+1

- 7415 2102 WENJ "La Bamba" ID, DJ Jack Beane mentioned A*C*E* interview (252 5/27 D'Angelo-PA)
 7415 2055 WKZP Rock mx, IDs (353 5/29 D'Angelo-PA)
 7415 0244 Red Rose R Rebroadcast of British pirate (333 6/3 Bronowicz-NJ)
 7480 0003 WCFR Rock mx, same phone no. as WENJ (252 5/28 D'Angelo-PA)
 7482 0343 WBRI Country Reggae mx [huh???TFS] then country mx; ID as "Northern Hemisphere Radio" (444 5/28 Bronowicz-NJ)+2

UNITED STATES**Voice of America**Radio Marti**Voice of Free China Relay**British Broadcasting Corporation Relay**

- 5985 0231 VOFC CC songs, CC lesson (434 5/20 Levison-PA)
 6020 0743 VOA test transmission: tape about bicycles (242 5/26 Westenhover-QU) FF; 0528 IS, ID, nx (534 5/19 Carson-OK)
 7405 0152 WRNO Rock mx, ad (555 5/29 Brown-IL)
 7520 0208 WWCR [new station] test tape, Address: WWCR 3314 West End Avenue, Nashville TN 37203 (545 5/29 Wallace-MA)(555 5/28 Fisher-MA)
 9455 0935 WSHB Letterbox with phone interview with 15-year old listener, ID and sched (333 5/18 Famularo-JP)(222 5/19 Loe-OH)
 9465 0548 WMLK Elder Meyer speaks about the early days (444 5/19 Carson-OK)
 9560 0939 VOA Bicycles again (354 5/21 Westenhover-QU)
 9590 0206 BBC Nx: Banks in Argentina (433 5/22 Brown-IL)
 9775 0045 VOA "The Making of a Nation" 1916 election (555 5/19 Fraser-MA)
 9850 0050 WCSN Cheese Industry (555 5/11 Bevens-MA)
 9850 1224 KUSW Gospel mx, religious program (555 5/13 Trescher-PA)
 9870 0502 WCSN Nx: Japanese politics, Argentina elections (444 5/22 Brown-IL)(545 5/28 Miller-CA)
 11580 0007 VOA Wright will resign, NATO summit (555 5/30 Brown-IL)
 11695 0130 KUSW ID, ads for sandals (333 5/22 Brown-IL)
 11740 0135 VOA Report on the Mexican Post Office (333 5/22 Brown-IL)
 11930 1449 RM US pops with Y1 (555 5/13 Trescher-PA)
 11965 1500 WRNO Pop mx, ads, wx (544 6/1 Carson-OK)
 13695 1100 WYFR IS, ID, religious mx (343 5/11 Famularo-JP)
 13720 2330 WRNO "World of Radio" (544 5/20 Carson-OK)+1
 15205 0105 VOA ID, nx: Poland accuses US of meddling, Memorial Day service (333 5/29 Brown-IL)
 15345 nd 2210 VOFC East Asian economic cooperation // 17612 (444 5/17 Westenhover-QU)
 15650 1855 KUSW Pop, rock, talk, nx (444 5/25 Miller-CA)
 15690 2050 WWCR [new station] series of 15 min programs from various ministries with IDs between "World Wide Christian Radio, Nashville TN" (343 6/3 Thompson-CA) "Crossings" from North Carolina; FDA psa; Bible story hour (544 6/4 Westenhover-QU) Thanks to David Jones for tips!
 17555 2345 WSHB Mx, Listeners' Letters (333 5/30 Brown-IL)(333 5/25 Saarikko-NY) (433 6/17 Sable-PA)
 21525 2200 WYFR Enrichment through Scripture reading (333 5/20 Saarikko-NY)
 21535 2200 VOA Bicycle test tape again (555 5/21 Carson-OK)

URUGUAY

- 6045 1605 R Lihertad Sport ID: Montevideo, Uruguay, nx (544 5/26 Barrera-ARG)
 6075 1531 V Artigas Ads, messages, Latin songs (454 5/26 Barrera-ARG)
 6140 1543 R Monte Carlo Nx, requests, ads //770 and 930 MW outlets (454 5/26 Barrera-ARG)

I know this sounds like a pretty lame excuse, but I didn't log WWCR because I was listening at this wrong time. Anyway thanks to David Jones for the phone call and the tip. Don't let the summer barbecues and the swim parties prevent you from logging some new ones.

Weather has been stormy and rainy for the last month. Lots of static crashes have made listening difficult on the lower frequencies. According to the propagation reports the sunspots should be steadily improving and the upper bands opening up again. Stay tuned for some more fun and excitement.

The Western Hemisphere BBS continues to operate at 2400/1200/300 baud for all you computer users out there. The new National Traffic System message service has been implemented. Loggings are constantly updated as well as the latest ham and swl dx listings, including Sweden Calling DXers Electronic Edition.

I am hoping to implement a software update soon that will enable windows and doors. SPEEDX members have their own special conference on the board. The number is (717) 961-7687.

As always loggings to me by the twelfth of the month and to David Jones, our CDE, by the fifth 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

BOARDING PASS

Row

Seat Window Center Aisle

Flight

Destination: _____

EUROPEALBANIA Radio Tirana

7300 0530 RT EE; nx, Yugo. folk singer (444 4/19 Merchant-NH)
 9480 0430 RT EE; nx, visitors to Albania (333 4/14 Merchant-NH)
 9500 0237 RT EE; nx, demonstrations in S. Korea (333 5/13 Brown-IL) 0245 EE; Sat night folk mx pgm, s/off w/ Socialist 'Internationale' anthem, trumpet IS repeated 3 times, then carrier off (4/29 Blight-MD) 0245 EE; May Day celebration coverage (444 5/2 Bevens-MA) 0346 EE; pro-Stalinist contry, nx (333 4/18 Carson-OK)
 9760 2330 RT EE; local & wld nx (444 3/9 Merchant-NH)

AUSTRIA Radio Austria International

9875 0140 RAI EE; rpt on an Austrian food fair, contry on counter trade (444 5/22 Brown-IL) 0135 EE; Austrian nx, tlk from London & Austria (545 5/25 Miller-CA) 0145 EE; review of Austrian Federal Railways new Summer timetable (444 6/2 Westenhaver-QU) *my kind of pgm-ed.* 0059 GG; ID in EE, GG pgm (555 5/11 Bevens-MA)
 13730 0132 RAI EE; nx, comments on trade, senior citizens trip (444 5/3 Levison-PA)
 21490 1436 RAI EE; tlk about architecture in Austria (454 3/28 Carson-OK)

BELGIUM Belgische Radio en Televisie

9925 2347 BRT EE; tlk about beer & brewing, Brussels Calling (444 4/21 Carson-OK)
 17560 1300 BRT FF; Thatcher, 150 yrs. Luxembourg (433 4/20 Mahling-MA)
 17590 1520 BRT FF; tlk like on Soviet nx, ME (333 6/5 Miller-CA)

BULGARIA Radio Sofia

11660 0228 RS Bulgarian; folk mx, TC, Programa Horizont ID & nx, 0234 into light mx (343 5/17 Westenhaver-QU)
 11720 2040 RS EE; special pgm on R. Sofia's 'Radio Day' (443 5/7 Fraser-MA)
 15290 0315 RS EE; OM on Turkish-Greek situation on Cyprus (455 5/19 Kunkel-CA) 0314 EE; Balkan Panorama w/ nx briefs from the region, Youth Corner (444 5/11 Westenhaver-QU)
 15330nf 2340 RS EE; intvw w/ the mx about Bulgaria (444 5/30 Brown-IL) 1959 FF; IS, ID as "Radiodiffusion-Television Bulgarienne," what sounded like nx (444 5/15 Blight-MD) 1856 EE; mailbag pgm, answering a question from SPEEDYer Patrick Leader about wildlife sanctuaries in Bulgaria, \$1900 in GG (444 5/28 Westenhaver-QU) 2330 EE; disc. on school for blind in U.S., intvw (433 5/18 Cichorek-IJ) 2340 EE; DX pgm, // 11660 (454 5/10 Fraser-MA) 2325 EE; mx, comments on a singing group, comments in regard to the 1874-76 revolt against Turkish rulers (333 5/6 Levison-PA) 0035 EE; Answering Your Letters (534 5/24 Bevens-MA)
 17825 *0200 RS Bulgarian; Govorri Sofia ID, 8-note trumpet fanfare, OM w/ nx (433 5/12 Westenhaver-QU)

CZECHOSLOVAKIA Radio Prague

5930 0123 RP EE; comments on Slovakia, tractors manufacturers pollution (Levison-PA)
 7345 0120 RP EE; tlk about invasions, civil rights, young people (222 5/8 Miller-CA) 0100 EE; mailbag, int'l nx (434 5/20 Bevens-MA) 0340 EE; Made in Czech. (444 5/6 Carson-OK)
 9540 0115 RP EE; contry on Asian security, Economic Committee's meeting (333 5/17 Brown-IL) 0141 EE; mailbag pgm (434 4/28 Carson-OK)
 11990 0409 RP SS; nx, Dateline Prague, reference to George Bush (333 5/30 Ehly-IA) 0115 EE; nx, Sunday Pgm on the Air (534 4/0? Bevens-MA) 0108 EE; mailbag, nx, anti-Hungarian political contry (433 4/28 Carson-OK)
 13715 2331 RP multi-ling.; cl mx by Schubert & Martinu w/ Czech/EE/FF/GG anmts, 0024 Interprogram R. Prague ID, QRM VRNO-13720 (433 5/11 Westenhaver-QU)
 15540nf 0100 RP EE; ID, s/on, YL w/ nx, // 5930, 7345 & 11990 (454 5/18 Fraser-MA) 0303 EE; nx w/ ID @ 0306, 0312 into Newsview w/ contry on Panamanian elections (333 5/12 Westenhaver-QU)

DEMARK Radio Denmark
15185 0047 Danish; OM intvwg another, nx headlines, 0052 Danish & EE IDs, MA, 0053x, much QSB (433 5/13 Westenhaver-QU) 0055 Danish; pgm in Danish, EE ID (534 5/9 Bevens-MA)

FINLAND Radio Finland
15185 0232 EE; rpt on importing labor to Finland, unemployment falls to 4.2%, press review (343 5/17 Brown-IL) 0215 FF; s/on amnts, tlk about Finland joining the Council of Europe, // 11755 (434 5/11 Westenhaver-QU)

FRANCE Radio France International
11995 0318 RFI EE; YL/OM w/ nx, Parisian press review, visit to the Paris Book Fair (333 5/20 Westenhaver-QU)
15135 0350 RFI FF; tlk about youth of composer Maurice Ravel, 0354 ID/freq amnt & long fill mx, // 15155 (434 5/13 Westenhaver-QU) 0455 FF; inst mx, ID, time signal @ 0500, nx (545 5/6 Carson-OK)
15300 1138 RFI EE; discussed European elections, s/off (333 6/3 Bronowicz-NJ)
17620 1640 RFI EE; Red Army Chorus performing in Paris (454 5/18 Fraser-MA)
21695 1330 RFI FF; nx of Panama & Boriega, mx (555 5/13 Robinson-TF)
21780 1412 RFI EE; research into sleep & dreaming, to India (333 5/10 Westenhaver-QU)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International
9730 0030 RBI GG; Finland's Parliament, Pres. visits G.D.R., RBI DX Club (434 4/10 Mahling-MA) 2140 EE; nx, 120,000 reported better work conditions (555 5/23 Bevens-MA) 2145 EE; nx, G.D.R. spts mx, mailbag (444 5/7 Carson-OK)
11785 0145 RBI EE; Finnish Parliament Pres., SWAPO, Soviet sub (Mahling-MA) 0220 EE; nx magazine, rpt on musicians in Dresden (433 5/22 Ehly-IA) 0328 EE; RBI DX rpt, tlk on solar eclipse & magnetic storms (544 5/16 Miller-CA) 0412 EE; various culture pgms of the D.D.R. (555 4/9 Bevens-MA) 0303 EE; nx, comtry, RBI DX Club, German radio history (434 5/8 Carson-OK)
13610 0237 RBI EE; nx, Arab meeting, students in Beijing, comments from Mozambique (444 5/27 Levison-PA)
15125nf *0300 RBI EE; Jean Jones, pgm details, OM w/ nx, Erich Honecker gives intvw to N. Korean nxpaper Minchu Choson (433 5/11 Westenhaver-QU)
15240 0313 RBI EE; ID, s/off, mx, into SS (or PP?) @ 0316, wild nx (222 5/19 Loe-OH) 0304 EE; feature about G.D.R. cycling team, mx, Caribbean svce, // 13610 & 9730 (434 5/11 Westenhaver-QU) 0304 EE; comments on computers, 25th fair, inventions & inventors (434 5/18 Levison-PA)
21540 1157 RBI EE; answering letters, giving atmospheric numbers, spts tlk, musical selection (343 5/15 Levison-PA)

GERMANY, FEDERAL REPUBLIC OF Deutsche Welle
3995 2318 DW GG; OM, long monologue, mx bridge, tlk, IS & ID (322 5/16 Cichorek-NJ)
11765 0610 DW EE; nx, comtry, tlk about ERC (323 5/19 Carson-OK)
15185 0612 DW EE; German press review, to WAFr (555 4/9 Bevens-MA)
15265 0405 DW EE; nx, U.S. nuke lost off Japan (353 5/11 Kunkel-CA)
17795 2035 DW GG; IS, spts rpt, soccer & tennis, nx (545 5/21 Carson-OK)
17825 0235 DW EE; U.N. environmental pgms & pollution in Athens (232 5/12 Carson-OK)

GREECE Voice of Greece
11645 0135 EE; nx (455 4/10 Mahling-MA) 0142 EE; nx, upcoming NATO summit, Greek mx (333 5/28 Brown-IL) 0150 Greek; tlk, Greek mx, ID (444 6/5 Miller-CA)

HUNGARY Radio Budapest
9835 0042 EE; feature on Hung. movie houses (545 5/11 Bevens-MA) 0038 EE; tlk about upcoming local elections in Hungary (343 4/28 Carson-OK)
11910 0140 EE; sked, Radio Listeners SW Club, 0143 end of EE svce (333 5/29 Brown-IL) 0034 EE; int'l nx, Soviet expulsion of EE employees (333 5/23 Bevens-MA)

INTERNATIONAL WATERS Radio Caroline
6215 0300 EE; pop mx, ID, "R. Caroline," usual ads, Lotto 649, occasional QRM from SS speaking gent in USB (333 5/16 Fisher-MA) 2300 EE; rock mx, w/ OM, ID @ 2357, 24th Anniversary to the day!! (433 3/28 Card-RI)

ITALY Radiotelevisione Italiana
7125 0528 Adventist World R. EE; organ IS, ID by OM, "This is Adventist World R., the Voice of Hope," into Christian pop mx, DX pgm (222 5/14 Fisher-MA)
9575 0240 RAI EE; accordion mx, VOA QRM @ 0259, II ID @ 0305 (333 5/13 Brown-IL)
9860 0700 Italian R. Relay Svce EE; 30 min. of EZL mx, U.N. radio pgm, ID w/ address, request for rpts (142 5/21 Wallace-NA)
11800 0102 RAI EE; nx by dead YL, Bush's visit to Italy & NATO summit, Italian politics (444 5/28 Brown-IL) 0100 EE; YL w/ nx, mx (332 6/4 Miller-CA) 0100 EE; nx, Italian Pres. visits Poland, // 9575 (444 5/10 Fraser-MA)

LUXEMBOURG Radio Luxembourg
15350 0401 FF; nx, spts, wx, 0407 TC for 6:07 "sur RTL," ad string, DJ show w/ phone
for requests (333 5/20 Westenhaver-QU) 2327 FF/EE; rock mx, The Who,
Stevie Nicks, ads (333 5/5 Cichorek-NJ)

MALTA Voice of the Mediterranean
9785 0559 VOM EE; Maltese in Print, pgm on writers & new books (322 4/16 Carson-OK)
11795 0540 DV relay EE; anthem, s/off, Malta site ID (544 5/2 Carson-OK)
11865 0134 DV relay EE; coverage of 800th Anniv. of Hamburg Harbor (444 5/11 Bevns)
15205 0342 DV relay EE; Larry Wayne's tidbits of W. Germ. nx, closing anmts w/ freqs
for 0100 & 0500 b/c, Malta site ID, 0350* (343 5/13 Westenhaver-QU)
15510 0157 DV relay GG; IS, Malta site ID in EE, 0200 s/on in GG, pgm preview, nx,
co-channel Moscow (333 5/4 Westenhaver-QU)
21650 1410 DV relay Indonesian; nx, comtry, freq & b/c times (434 4/7 Carson-OK)

NETHERLANDS Radio Nederland
13700 0422 Dutch/EE; Dutch closing anmts for nx to ME, 0424* but back on *0426 for
0430 EB nx to E Afr (242 5/11 Westenhaver-QU)

NORWAY Radio Norway International
9650 0420 REI EE; employment, academy schools, rel svce (434 4/24 Merchant-NH)
15175 0430 REI Norwegian; ID, light mx (242 5/11 Kunkel-CA)
15310 1610 REI Norw.; tlk on int'l problems, woodpecker-type QRM (444 5/26 Miller-CA)
17840 0400 REI Norw.; IS, ID in EE, into Norw. pgm (454 5/18 Kunkel-CA)
21705 1419 REI Norw.; Church svce w/ singing in Norw., EE ID, 1443* (333 5/21 Carson)

POLAND Radio Poland
7270 *2230 EE; domestic nx, Panorama (444 5/24 Card-RI)

PORTUGAL Radio Portugal
7260 0206 RCI relay RR; IS, OM--Vasily something--s/on routine w/ freqs, nx leading
w/ situation in China (434 6/5 Westenhaver-QU)
9600 0230 RDP EE; mx, nx, President's visit to Spain (333 5/25 Brown-IL)
11905 *0500 DV relay unid; non-stop in unid lang till 0529* (444 5/21 Kunkel-CA)
15285 1433 RDP PP; ID, mx bridge, tlk, pop mx (333 4/30 Cichorek-NJ)
17735 0600 R. Free Europe Romanian; nx by OM, rock mx pgm (343 5/22 Matsushita-Japan)
17895 2158 R. Liberty RR; ID, address, OM w/ comtry, intvw, heavy metal mx pgm (353
5/13 Matsushita-Japan)
21700 1300 RDP PP; Af svca, pop mx, ID (444 5/14 Robinson-TN)

ROMANIA Radio Bucharest
9570 0218 RB EE; comtry on canals, economic relations w/ Japan (434 5/19 Levison-PA)
11940 2100 RB EE; tlk of foreign intervention, Nicolae Ceausescu, tlk of folk
festivals (545 5/13 Robinson-TN) 1955 EE; May Day celebrations, art &
Romanian folk mx, folk stories (423 5/13 Trescher-PA) 0209 EE; nx,
comments on social strengths, power produced by dams (444 5/18 Levison-PA)
0237 EE; spts rpt, Romanian folklore & mx (455 5/9 Bevns-MA)
11980 0400 RB EE; wld & Romanian nx (333 4/23 Merchant-NH)
15250 1500 RB EE; Socialist economics & folk mx, Weekend Magazine (333 4/8 Carson-OK)
15380 0409 RB EE; nx, Pres. Ceausescu's visit to a particular county (444 5/20
Westenhaver-QU) 0542 EE; Romanian mx, tlk about United States of Eur &
probably associated w/ it, People & Places (333 4/6 Carson-OK)
17745 0039 RB SS; tlk about Romanian advances in science/technology, folk mx bridge,
// 15380 (333 5/13 Westenhaver-QU) 2212 SS; YL w/ ID, tlk by OM/YL, folk
song (353 5/27 Matsushita-Japan)

SPAIN Radio Exterior de España
9630 0142 REE EE; rpt on literature on Spain, regional mx, SS lesson (444 5/13
Brown-IL) 2300 FF; nx, EE Bible researcher in Spain (423 4/10 Mahling-MA)
0500 EE; wld nx, Panorama, LAM (444 4/19 Merchant-NH) 0450 SS; nx
headlines, freqs & times (444 5/6 Carson-OK)
9690 0315 R. Beijing relay EE; wld nx, nx from China, update on student uprisings,
Jazz, feature on popular mx in Provinces (222 5/22 Loe-OH) 0310 EE; Nx
about China, soft-pedaling the Army's move into Tiananmen Square, mx
instead of current affairs block normally sked (444 6/4 Westenhaver-QU)
11790 1334 REE SS; Church svce, Palabra de dios, rel mx (555 5/13 Trescher-PA)
15110 0000 REE EE; nx, strikes in Venezuela, Panorama, SS rock mx, Eur elections (444
5/18 Brown-IL) 0125 EE; wx, nx, film reviews, intvw w/ Sting, SS lesson @
0147 (423 5/10 Loe-OH) 0100 EE; nx, spts roundup, DX pgm (545 5/29 Miller-
CA) 0100 EE; int'l nx, Arab League summit (434 5/24 Bevns-MA)
15375 1934 REE EE; to Eur/Afr/ME, DX pgm, tourist pgm (434 4/23 Carson-OK)
21495 0000 REE SS; OM, nx (333 6/4 Valentina-CA)
21555 0000 REE SS; OM, nx (443 6/4 Valentina-CA)
21595 1340 REE SS; ID, freqs, nx (443 4/7 Carson-OK)

SWEDEN Radio Sweden
 9695 0300 RS EE; Weekday from Sweden, postponement of trail for assassin of Olaf Palme, Swedish troops to Namibia as part of U.N. contingency (444 5/18 Bronowicz-WJ)

17790 0205 RS Swedish; OM nx, wx, spts, pgm details, rpt from town of Oskarshamn-- something about refugees, I think, to SEAs (444 5/12 Westenhaver-QU)

21610 1402 RS EE; int'l & Swedish nx, Nordic Newsweek (322 5/13 Carson-OK)

SWITZERLAND Swiss Radio International
 3985 2126 R. Beijing relay EE; Great Wall painting, nx pgm designed for deaf mutes (534 5/5 Leader-Ireland)

6095 0058 SRI EE; Chinese situation, OAS representatives in Panama (222 5/24 Brown)

6135 0406 SRI EE; nx, AIDS in Switz., Swiss SW Merry-Go-Round (322 5/6 Carson-OK)

9725 0158 SRI FF/EE; nx, fighting in Lebanon, Grapevine, people like the Swiss folk nx (433 5/21 Brown-IL)

9885 0155 SRI EE; Alpine nx, nx, Gorbachev visit to China, Argentine elections, Dateline, rpt on Swiss-Japanese tike (444 5/13 Brown-IL) 0318 EE; rpt on visit to Soviet Georgia (555 5/30 Loe-OH)

12035 0200 SRI EE; Gorbachev to arrive in China, Sunday Supplement, unemployment in Switz. (544 5/13 Brown-IL) 0202 EE; wild nx, rail accident in U.S.S.R., contry (444 6/5 Miller-CA) 0645 EE; fishing in Switz. (333 5/21 Bevens-MA)

15430 0634 SRI EE; int'l nx, to Africa (312 4/9 Bevens-MA)

17730 0224 SRI EE; Dateline, gold rose to award discussed huh? (444 5/12 Carson-OK)

UNITED KINGDOM British Broadcasting Corporation
 7325 0202 BBC EE; nx, Argentina is under a state of siege, students in China erects a Statue of Liberty, U.N. convoy in Sudan is attacked (333 5/29 Brown-IL)

9410 0515 BBC EE; 24 Hours, rpt on Gorbachev's proposal on short-range weapons, rpt on Afghanistan (333 5/12 Brown-IL)

9915 0358 BBC EE; mx from New Zealand group, Newsdesk (433 5/30 Ehly-IA) 0500 EE; nx, Palestine, Namibia, 24 Hours (444 4/17 Merchant-WH)

12095 0200 BBC EE; wild nx (555 5/11 Bevens-MA)

15070 2037 BBC EE; rpt on the Globe Theater, protest in Italy over EE lang theatrical productions (333 5/20 Brown-IL) 0709 EE; 24 Hours w/ nx of demonstrations in Tiananmen Square in Beijing (444 5/19 Westenhaver-QU)

17640 1235 BBC EE; Multitrack, pgm note, spts roundup (242 5/23 Matsushita-Japan)

17780 1145 BBC EE; BBC EE (242 5/21 Matsushita-Japan)

25750 1555 BBC EE; The Pleasure's Yours, nx, News About Britain (253 4/6 Flynn-CA)

VATICAN CITY Vatican Radio
 6150 0310 VR EE; Hungary & rel, Church of Vietnam (444 4/19 Merchant-WH)

7250 0415 VR s/off & IS (343 5/19 Kunkel-CA)

9605 0050 VR EE; Ecumantal Meeting in Basil, Pope's message to Perce de Qullar on Lebanon, Soviets deny they were spying on Great Britain (555 5/22 Brown-IL) 0045 EE; OM/YL w/ tik, Church mx (332 6/4 Miller-CA) 0055 EE; portions of speech by Pope (534 5/25 Bevens-MA)

9645 0513 VR EE; Vatican Viewpoint, Swiss Guard, Lebanon fighting (222 5/12 Brown-IL) 0500 EE; Catholic schools, history of Popes (333 4/17 Merchant-WH)

11725 0251 VR FF/EE; FF b/c to 0309 into EE (434 5/14 Carson-OK)

11750 0230 VR SS; ID, details on a Papal trip (444 5/22 Ehly-IA)

11760 1510 VR EE; Pope delivering message, overpowering RHC (433 5/21 Kunkel-CA)

15120 0530 VR Latin/EE; EE/SS/FF ID, into traditional Latin Mass (444 4/6 Carson-OK)

15180nf? 0100 VR EE; prayer, Pope nx (252 5/16 Kunkel-CA) 0050 EE; With Heart & Mind, look at Gospels on Corpus Christi, intvw w/ Thomas Shea, a student at Loyola's Rome Center, QRM de RHC (433 5/27 Brown-IL) 0043 FF/EE; intvw w/ Archbishop of Shanghai, nx item, FF ID @ 0049, IS to #0050 EE s/on, // 9605 & 11780 (433 5/16 Westenhaver-QU)

17730 0445 VR FF; "Ici R. Vatican," EE @ 0500 w/ Pope nx (454 5/23 Kunkel-CA)

YUGOSLAVIA Radio Yugoslavia
 7215 0007 RY EE; rehabilitating a Sixties Yugoslav dissident, Arab Summit in Casablanca (343 5/23 Westenhaver-QU) 2359 EE; int'l nx (323 5/18 Bevens)

9620 0015 RY EE; contry, weekly item of affairs (545 4/16 Bevens-MA)

9660 2125 RY EE; trade unions, cheese, People & events (434 4/24 Merchant-WH)

11730 0125 RY EE; mx, tik on Soviet PM (443 5/8 Miller-CA)

11735 0000 RY EE; spts, tik of economics, religious freedom in Yugo. (545 5/14 Robinson-TB) 0014 EE; Yugo.-U.S. trade, contry of Arab Plan on Palistine, R. Yugo. economic review (333 5/30 Brown-IL) 0021 EE; comments on the U.N., Asiatic Coast, shipping of fruits & vegetables (444 5/7 Levison-PA)

15105nf 0016 RY EE; tik about arboretums in Yugo., 0019 ID/freq anmt, // 7205 & 11735 (433 5/17 Westenhaver-QU)

17740nf *1200 RY EE; s/on anmt, // 21555 & 25795 sent in freq anmt--neither heard, pgm details, nx, co-channel Sweden (433 5/30 Westenhaver-QU)

21555 1217 RY EE; science & technology rpt (444 5/18 Matsushita-Japan)

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.

Welcome to the July USSR column. Sorry about missing last month, but I was on a much-needed vacation. I will try to shoe-horn in the logs for both June and July into this column, so program details will get the axe. I have also adopted the following site abbreviations to further save space:

Petropavlovsk Kamchatskiy => Petropavlovsk
 Komsomolsk-na-Amure => Komsomolsk
 Nikolayevsk-na-Amure => Nikolayevsk

These abbreviations will be used from this point forward. To the logs!

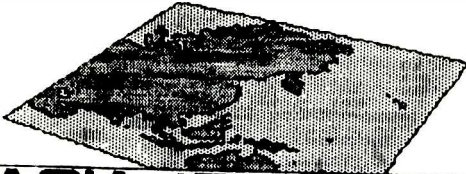
U.S.S.R. Radio Moscow Radio Kiev Radio Vilnius Radio Tashkent
 Radio Station Peace and Progress Radio Yerevan

4785 0139 **Baku R.**-Baku (ILG): RR; classical mx (322 4/17 Bishop-NY)
 4795 0305 **Buryat R.**-Ulan Ude (RDI): RR; pop & EZL mx, no tlc (333 4/15 Evans-TN) (Rogers-MA) (Bishop-NY)
 4925 0204 **Turkmen R.**-Ashkhabad (RDI): ??; cmtry (312 5/27 Trescher-PA)
 4860t 1342 **Chita R.**-Chita (ILG): RR; choral singing, M/W tlc, CW QRM (poor 4/11 Famularo-JP)
 4875 0335 **Georgian R.**-Tbilisi (ILG): RR; tlc, mx (322 4/17 Bishop-NY)
 4930 0129 **RM:** RR; IS, 2 M tlc (322 4/19 Bishop-NY) (What site? -ed)
 7130 1655 **RM:** Hebrew; Rock mx, sked, ID, IS (343 4/8 Dillon-Greece)
 7310 0555 **RM-**Ivano Frankovsk (ILG): EE; nx (333 4/12 Merchant-NH)
 9765 2300 **RM-**Lvov (RDI): EE; mailbag (555 5/14 Robinson-TN) (Bevens-MA)
 9860 0142 **R. Rodina-Simferopol** (ILG): RR; ID, tlc abt Ukraine, Kabul (555 4/22 Trescher-PA) (Fraser-MA)
 9860 2329 **EK-Simferopol** (ILG): EE; IS, nx (444 4/22 Brown-IL)
 9880 0113 **R. Magallenes-Tula** (ILG): SS; tlc, ID (555 4/22 Trescher-PA)
 9890 2057 **RM-Moscow** (ILG): mx, cmtry, QRN (522 4/28 Trescher-PA)
 11675 0210 **RK:** EE; "Ukraine Today" (333 5/24 Brown-IL) (Westenhaver-QU)
 11790nf 2345 **EK-Blagoveshchensk** (RDI): EE; "Victory Day" pgm (444 5/9 Fraser-MA) (Bevens-MA)
 11820 1645 **RM-Voronezh** (RDI): EE; pop mx, W anc (242 4/1 Kunkel-CA)
 11870 1845 **RM-Khabarovsk?**: CC?: M w/ RR mx (333 5/21 Kunkel-CA) (? -ed)
 11895 1520 **RM-Ryazan** (ILG): EE; tlc on Kampuchea (243 4/8 Kunkel-CA)
 11970 0814 **RM-Irkutsk** (RDI): CC; W tlc (343 4/2 Kunkel-CA)
 11975 1910 **RM:** CC; CC mx (444 5/21 Kunkel-CA) (more details please -ed)
 11990 1740 **RM:** EE; folk mx, // 12010, 12050, 9755 (444 4/14 Kunkel-CA)
 12000 0203 **EK:** EE; wld nx, ID, rpt on Gorbachev in Beijing (343 5/17 Westenhaver-QU) (Trescher-PA)
 12000 0110 **RM:** RR; mx, ment. Moscow (555 5/14 Trescher-PA) (Kunkel-CA)
 12010 0021 **RM:** SS; RM ID, ment. "Sovietico" (555 5/27 Trescher-PA)
 12015 1615 **RM-Tashkent** (ILG): Hindi; mx, nx, IS (242 4/1 Kunkel-CA)
 12020 0458 **RM:** FF; M/W FF pgm (555 4/2 Kunkel-CA)
 12030 0038 **RM:** RR; RR folk mx (322 5/27 Trescher-PA)
 12035 1800 **RM-Khabarovsk** (ILG): RR; s/on w/ IS, nx (454 4/14 Kunkel-CA)
 12040 0143 **RM (DS3)-Novosibirsk** (ILG): RR; mx (533 5/14 Trescher-PA)
 12050 0246 **RM-Petropavlovsk:** RR; mx, Moscow ID (312 5/20 Trescher-PA)
 12060 0045 **RM-Kiev** (ILG): SS; nx on Cubans (533 5/18 Trescher-PA)
 12070 0358 **RM-Dushanbe** (ILG): SS; nx, mx, RM ID, freq's, IS, ID "Aqui RM Internacional para America central" (534 5/28 Trescher-PA)
 12070 0210 **RSP&P-Dushanbe** (ILG): Creole; tlc, ID @ 0213, // 11920, 15150 (444 5/11 Westenhaver-QU)
 13765 *1059 **RM-Novosibirsk** (ILG): KK; IS, ID & sked, into nx to 1112, // 15375 (444 4/16 Matsushita-JP)
 15135 1315 **RM-Vinnitsa** (ILG): EE; tlc, mx, ID (333 4/29 Cichorek-NJ)
 15180p *0900 **RM-Komsomolsk** (RDI): Cantonese; ID "Mosuko Kuangpo tientol", anmt, M/W into presumed nx (242 6/3 Westenhaver-QU)

15195 0414 RM: FF; tlk abt WWII, ID @ 0417 (343 5/7 Westenhaver-QU)
 15230 0310 RM: AA; M tlk (353 5/19 Kunkel-CA)
 15280 0400 RM-Serpukhov (RDI): EE; IS, bells (151 5/25 Kunkel-CA)
 15345 1950 RM-Khabarovsk: CC; W tlk (353 5/21 Kunkel-CA)
 15425 1745 RM-Petropavlovsk (ILG): EE; W w/ musical contest, M ID & Kremlin Bells (444 5/22 Valentine-CA)
 15435 1945 RM: CC; M w/ mx pgm (444 5/21 Kunkel-CA)
 15460 1100 RM-Voronezh (ILG): EE; nx, // 15490 (232 4/16 Rogers-MA)
 15470 1200 E. Atlantika: RR; W/M ID, tlk, mx (545 5/21 Robinson-TN)
 15475 0340 RM: SS; mx, M tlk, // 15520 (353 5/18 Kunkel-CA)
 15480 0338 RM-Moscow (ILG): EE; tlk on Gorbachev (252 5/18 Kunkel-CA)
 15490 0022 RM: FP; tlk abt USSR-FRG relations, mailbag, ID "R. Central do Moscou" @ 0025 (333 5/13 Westenhaver-QU)
 15495 0337 RM-Kiev?: RR; soft rock mx, W anc (444 5/18 Kunkel-CA)
 15510 0215 RSP&P: SS; ID "Paz y Progreso" (555 5/18 Trescher-PA)
 15510 0117 RM: SS; ID, RR mx, "informas", ID (312 5/27 Trescher-PA)
 15520 2115 RM: FF; "Evenements et Opinions" (333 5/17 Westenhaver-QU)
 15530 1431 RM: EE; "Listener Request Club" (343 4/14 Carson-OK)
 15540 1435 RM-Moscow (ILG): EE; ethnic mx (252 4/8 Rogers-MA)
 15545 2315 RM: SS; nx, // 15525, 15500 (444 4/8 Rogers-MA)
 15570 0405 RM: FF; W nx, ID's @ 0408 & 0413 (243 5/13 Westenhaver-QU)
 15585 2340 RM-Frunze (ILG): PP; tlk, mx, IS & ID (333 4/27 Miller-CA)
 15585 *0100 E. Magallanes-Frunze (ILG): SS; IS, "Aqui Magallanes", mx, W opening anmts, M tlk, // 15500 (444 5/4 Westenhaver-QU)
 15585 0708 RM: EE; nx, "News & Views" (433 5/21 Carson-OK)
 15595 1245 RM-Lvov (ILG): EE; short story (333 4/16 Rogers-MA)
 17560 0445 RM-Ashkhabad (ILG): EE; pop mx, ID (444 4/20 Miller-CA)
 17560 0215 RM: RR; RR pop mx, // 17620, EE @ 0230 (252 4/11 Kunkel-CA)
 17570 0424 RM-Khabarovsk (ILG): EE; tlk on M. East (444 4/11 Kunkel-CA)
 17580 0212 RM: SS; ID, nx, into mailbag pgm (333 5/12 Westenhaver-QU)
 17590 0250 RM-Kenga (ILG): EE; tlk on NATO (252 4/11 Kunkel-CA)
 17595 1718 RM: EE; African svc, mailbag (444 5/21 Carson-OK)
 17610 1351 RM: ??; sub-continent mx, ID, IS (fair 4/17 Famularo-JP)
 17645 0220 RM: RR; M tlk, // 17610, 17640 (343 4/11 Kunkel-CA)
 17655 0111 RM-Khabarovsk (ILG): "Focus on Asia & Pacific", // 12045, 15140, 15170, 15200, 15420, 17560, 17775, 17825, 21635, 21690, 21790 (wow-ed) (544 4/19 Matsushita-JP)
 17665 0451 RM-Petropavlovsk (ILG): EE; tlk, mx up to "Moscow Nights" @ 0459 (353 4/10 Kunkel-CA)
 17680 2025 E. Afghanistan Relay: AA; AA pgm to 2028, flute IS, ID "Huna Afghanistan" (353 5/28 Kunkel-CA)
 17685 0335 RM-Vladivostok (ILG): RR; M tlk (433 4/12 Kunkel-CA)
 17695 0220 RM: RR; M tlk, // 17675 (252 5/12 Kunkel-CA)
 17720 0338 RM-Petropavlovsk (ILG): EE; ad. for a combine harvester (444 4/12 Kunkel-CA)
 17730 0138 RM: EE; ID "broadcasting to Pacific" (232 5/12 Cichorek-NJ)
 17735 0326 RM-Kazan (ILG): RR; folk mx, W/M @ 0341 (353 4/11 Kunkel-CA)
 17740 0553 RM: RR; light pop mx (353 4/10 Kunkel-CA)
 17805 0330 RM: RR; IS @ 0330, M/W tlk (252 4/13 Kunkel-CA)
 17830 1130 RM: EE; "Listeners Request Club" (333 5/13 Westenhaver-QU)
 17835 0158 RM: CC; M anmt, IS to 0200, ID "Mosuko guangbo diaantai", mx bridges, anmt w/ "Ni hau chungguo" ("Hello China"), M w/ nx (333 5/11 Westenhaver-QU)
 17870 1120 RM-Chita (ILG): CC; tlk, ID @ 1127 (322 5/13 Westenhaver-QU)
 21450 1300 RM-Yerevan (ILG): EE; W nx, QSB (fair 4/22 Ross-Nut-JP)
 21465 1459 RM: FF; "Kalinka" IS, TC, ID, M nx (232 5/2 Westenhaver-QU)
 21690 0255 RM-Khabarovsk (ILG): EE; RR rock mx (454 4/10 Kunkel-CA)
 21790 0314 RM-Moscow (ILG): EE; missile reductions (353 4/13 Kunkel-CA)
 25000 1917 RM: EE; "perestroika" pgm (454 4/16 Kunkel-CA) (strange frequency-ed)

This month's relay logs: 9600, 9720, 11730, and 11840 via Havana, Cuba. This column shows a definite shift toward higher frequencies by the USSR, so check out the 13 and 16 meter bands. Bill Westenhaver suggests that RM NAM svc on 15290 and 15330 may be via Plovdiv, Bulgaria (15330 apparently ex. 15245). Thanks for the info Bill, and thanks to everyone who has written - I wish I had time to answer all your letters individually.

I guess I over did it with the axe a little, as I have a few lines left over. I did manage to cram 124 loggings into 2 pages - I guess I am finally getting the hang of this editing business, hi. That will about do it for this month. CU in 31! 73, -Jason



ASIA/OCEANIA

William Westenhaver
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H2X 2C1

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

Hello, and welcome to the July column! This month marks the beginning of my second year as A/O editor; the time sure goes quickly! This month, I've got only four pages, so I'm going to have to cut quite a bit, including all of Australia and Israel. The CDE material did arrive in time this month, so there's a lot of good material to be found herein.

BURMA

Burma Broadcasting Service

5985 1502 BBS: EE: Radio Magazine; M ID @ 1527 "You are tuned to Rangoon" (343 5/25 Matsushita-JAPAN) (Thanks for the nice one!)

CHINA

Central People's Bcst Stn Radio Beijing

4900 *1300 UNID: CC: M/W CC yak and mx; Tyson in PT #518 sez poss. Hangzhou; I got "Hangzha renmin guangbo dianlai" @ 1330 but needs more work, obviously (fr 5/22 Sheedy-CA) (It sounds to me as if you're most of the way there, Dan.-ed.)
11745 2044 RB: RR/CC: M/W CC lessons for RR speakers (343 5/21 Kunkel-CA)
11855 1348 RB: EE: Pr abt CC opera, theatre and mx; 1356* (544 6/1 Carson-OK) (New frq for WCNA in EE @ *1300 and *1400.-ed.) @ 2144 in AA w/M ID "Huna Pekin"; inst mx; W song; W closing anmt and off 2156* (444 5/26 Matsushita-JAPAN) @ 1824 in UNID lang w/"Rahdeo Bayjing" ID's; off 1825* (455 5/21 Kunkel-CA) (The only lang listed in the WRTH w/an 1830 s/off is Persian; maybe that's what it was.-ed.)
15030 2310 CPBS-2: CC: Songs by women/girls; W ancr between selections (222 5/7 Levison-PA)
15165 1515 RB: EE: Cmt; on student problems "...government still in control" (good 5/27 Howell-CA)

COOK ISLANDS

Radio Cook Islands

11760 0630 RCI: MAORI?: Frustrating S-1 reception w/M/W tlk; ballads; then drums/shouting @ 0700; make this one a (t) (121 5/14 Wallace-MA) (t) @ 0635 in EE/MR w/pop mx; M/W tlk; drum roll @ 0645 and poss. ID; very very weak w/low audio (222 5/15 Fisher-MA) @ 0615 in EE w/M special greetings to Sports Minister and others (252 5/27 Kunkel-CA) @ 0700 in EE/MR w/lcl bilingual nx in progress; then mx; waited six years to get this one!; thanks to Havana for going QRT @ 0600* (354 5/31 Card-RI) (It's nice to see all these reports from ZKI-land again!-ed.)

FRENCH POLYNESIA

RFO Tahiti

6135 0605 RFO: FF: M/W tlk; hrd //s 9751 (252), 11823.5 (333) and 15170 (353) (354 5/27 Kunkel-CA) (OK, Rolan, I give up!-ed.)
11823.8 1549 RFO: TAHITIAN: Great Tahitian mx w/W ancr; hrd to 1705, when in FF; gone at 1730 recheck; never hrd them at this time of day before! (353 5/21 Kunkel-CA)
15170 0330 RFO: TAHITIAN: Tlk in Tahitian; Tahitian mx; into FF by W @ 0336; bothered by het (323 5/15 Fisher-MA) @ 0820 w/island mx; didn't wait for ID; on 15170.6 (SIO? 6/3 Thornton-NJ)

GUAM

KTWR KSDA

11650 1528 KTWR: EE: Tlk "Religion is on the rise..." (gd 5/27 Howell-CA)
11980 1025 KSDA: CC: CC M/W talking (433 6/1 Bishop-NY)
15225 2000 KSDA: EE: ID and trumpet fanfare; heavy QRM de unID stn (222 5/21 Kunkel-CA)

HONG KONGBBC relay

- 9725 *0930 BBC: EE: Site ID; into radio drama (poor-fair 5/16 Howell-CA) (This is an EBR--that's EE by Radio--px.-ed.)
 17875 0020 BBC: EE/CC: World Service "Newsdesk" to 0030; then into EBR for CC speakers (333 6/3 Thornton-NJ)

INDIAAll India Radio

- 4800 1537 AIR HYDERABAD: EE: W national nx; ID (253 5/13 Famularo-JP)
 11620 2146 AIR: EE: Subcontinent pop mx; then folk songs; W ID @ 2159 followed by nx (333 5/13 Cichorek-NJ) @ 2120 w/px of W "classical" vocal mx (222 5/28 Thornton-NJ)
 15275 1215 AIR: UNID/EE: Mx to 1225; M/W t1k to 1230; pause, then EE nx began in mid-sentence @ 1231; "Yeh Akashvani" @ 1235 and more in unid lang (343 5/27 Kunkel-CA)

INDONESIARadio Republik Indonesia

- 3215 1130 RRI MANADO: IN: M/W DJ chat and intros to Indo pop mx; ID @ 1158 (pr-fr 5/18 Famularo-JAPAN)
 3959.7 1333 (p) RRI PALU: IN: Hrd //Ujung Pandang-4753 w/Jakarta special px--mostly percussion and group vols; hrd 3-4 AM's per week (fr 5/22 Sheedy-CA) (Speaking of Ujung Pandang, Ralph Famularo also notes that he's hearing them back on 4753 in local evenings, ex-4719.-ed.)
 4607 1218 RRI SERUI: IN: Light mx and songs; @ 1240 M ID; more mx; W t1k (pr-fr 5/11 Famularo-JAPAN)
 4902.4 1245 RRI ???: IN: String of ads; W partial ID "Radio Republik Indonesia..."; SCI; Jakarta nx; then lcl light inst mx; heavy ute QRM during/after nx; Surakarta listed on 4900 but not at this time (fr-gd down to poor 5/13 Famularo-JAPAN)

IRANVoice of the Islamic Republic of Iran

- 15084 2050 VOIRI: EE: Anti-US/Israel t1k; Mideast mx (fair 5/8 Howell-CA) (That's something new; they didn't used to have EE on this frq, nor at this time!-ed.) @ 0140 in SS w/signature tune; ID; t1k abt Iran/USSR (555 5/18 Trescher-PA)

IRAQRadio Baghdad

- 11945 0215 RB: EE: Mx; little tidbits of propaganda; W cmty (433 5/16 Kunkel-CA) @ 0150 w/AA mx; cmty on Lebanon; ID (444 5/28 Brown-IL) @ 0203 w/Ravel's "La Valse"; ID/t1k abt Festival of Colleges of Art; into "Pictures at an Exhibition"--a fitting choice of mx! (333 6/12 ed.)
 13660 *1959 RB: EE: Opening theme mx; W ID/skcd for EE px; mx; nx bulletin (343 5/23 Matsushita-JAPAN) @ 2128 w/AA songs; cmty on Arab summit in Casablanca...2153*; clear channel but noticeable QBB; this frq beamed to Europe (443 5/27 ed.)

JAPANRadio Japan

- 9580 1525 (p)RJ: EC: M CC t1k under RA (422 5/26 Kunkel-CA)
 11815 1437 RJ: EE: General Service w/"Let's Practice Japanese" (333 5/23 Carson-OK)
 11835 1830 RJ: AA: IDI "Huna Tokyo" by M ("Gosh, he don't got no accent?") followed by nx (444 5/21 Kunkel-CA)
 17825 0305 RJ: EE: Nx w/much abt problems in China; "Japan Music Scene" (534 5/20 Carson-OK)

JORDANRadio Jordan

- 11955 0307 RJ: AA: Nx to 0309; AA song; @ 0313 full ID and into long M t1k; splashed by VOA-11950 in SS (333 5/20 ed.)

KOREA, D. P. R.Radio Pgyongyang

- 4780 *1300 RP: KK: IS; ID; NA and into KK yak w/M/W; Thanks to Tyson Info in FT #518 (good 5/20 Sheedy-CA)
 9325 1543 RP: EE: Solidarity Programme w/heroic opera (353 5/13 Kunkel-CA)
 9977 1128 RP: EE: Visit to a kindergarten and cmty abt children (433 6/1 Evans-TN)

KOREA, REPUBLIC OFRadio Korea

- 11725 0928 RK: PP: W ID's/IS; @ 0930 M ID/frqs; marching band mx; into nx (good-excellent 5/14 Famularo-JAPAN)

KUWAIT Radio Kuwait

15345 0325 RK: AA: Qur'an; //15495 (455 5/19 Kunkel-CA)
 17850 0359 RK: AA: AA mx; //17895 was SIO 333 (454 5/18 Kunkel-CA)

LAOS Lao National Radio

6130 1145 LNR: LAO: Lots of Lao/SEAsian mx; @ 1200 7 clock chimes, martial mx; W ID begins "Thini Withayu...Wianchan..."; nx w/ments of Vietnam, Kampuchea et al. (fr-gd 5/13 Famularo-JAPAN) (Thanks for the nice catch, Ralph!-ed.)

MALAYSIA Radio Television Malaysia

4835 1530 RTM KUCHING: (1)BAHASA MALAYSIA: M nx w/"R. Malaysia" ID; good SEAsian evening (fair 5/13 Famularo-JAPAN)
 7270 1500 (p)RTM KUCHING: ??: Mx; nx in unID lang; ments of Malaysia but no firm ID; strange to be hearing this so late (353 5/27 Kunkel-CA)
 7295 1330 RTM KAJANG: EE: W nx w/ID @ 1336; M comt; heard now since R. Beijing moved JJ from 7295 to 15420 (343 5/18 Matsushita-JP)
 15295 1025 VO MALAYSIA: CC: IS to 1030; M ID/annts; then EZL mx; hrd to past 1130--best 1110-1120 (333 6/4 Evans-TN)

MARIANA ISLANDS KFBS

9465 1535 KFBS: (t)RR: Choir mx and religious px; ID (fair 5/13 Howell)

MONGOLIA Radio Ulan Bator

12015 1203 RUB: EE: ID; tlk abt classical Mongolian mx/composers w/outs from 1930's recordings (222 5/7 Cichorek-NJ)

NEW CALEDONIA RFO Noumea

7170 0645 RFO: EE: US pop mx w/M/W DJ's; so much for rpts saying they're no longer here (343 5/7 Kunkel-CA)

PAKISTAN Radio Pakistan

17895 1305 RP: BANGLA: M nx; ID @ 1310; folk songs; QRM de co-channel R. Liberty; //15295 (333 5/23 Matsushita-JAPAN)
 21740 1522 RP: (p)URDU: M tlk; @ 1529 annt w/ID; then subcontinent vols w/annts between cuts; @ 1542 annt ending "Pakistan Zindabad"; (p)NA; 1545* (333 5/21 ed.)

PAPUA NEW GUINEA

3395 1046 (p)R. EASTERN HIGHLANDS: PD: Slow melodic choral singing (common to many PNG beats) w/brief M tlk between cuts; hrd past 1100 (poor 5/14 Famularo-JAPAN)
 3905 1130 R. NEW IRELAND: PD: Lots of nice lcl mx/songs; MTC's; ID @ 1159 (fair 5/11 Famularo-JAPAN) (t) @ 1031 w/lcl covers of Western pops w/M DJ; hrd to 1112 t/o but no positive ID (222 6/3 Evans-TN)

PHILIPPINES Radio Veritas Asia

11740nf 1625 RVA: ??: M tlk in unID lang to 1630 ID in EE (353 6/3 Kunkel)
 11795 1525 RVA: EE: World nx; ID's; QRM de (p)Pyongyang (444 5/8 Miller)
 15345nf 0130 RVA: EE: "Good Morning Asia"; px "The Church Today" from Vatican R.; ex-15325; //15360 (fair 5/15 Famularo-JAPAN)

SAUDI ARABIA Bcast Sce of the Kingdom of Saudi Arabia

9720 2015 BSKSA: EE: Classical mx to 2045; M ID and world nx; weather "for the kingdom"; covered by Australia co-channel @ 2055 (fr-gd 5/12 Famularo-JAPAN)
 17755 0457 BSKSA: AA: IS; anthem; M tlk; still going strong @ 0530; really undermodulated (452 5/22 Kunkel-CA)

SOLOMON ISLANDS Solomon Islands Bcast Corp

5020 0825 SIBC: EE: Tlk abt Solomon Islands; ID's; much QRM (424 5/27 Miller-CA)
 9545 0655 SIBC: PD: Good light rock mx w/M DJ (343 5/27 Kunkel-CA)

SRI LANKA Sri Lanka Bcast Corp DW relay

11800 1645 SIBC: SINHALA: Mx and nx w/w ancr; EE ID @ 1729; anthem and off (353 5/21 Kunkel-CA) (They have one of my favourite national anthems!-ed.)

SRI LANKA continued...

11835 1053 SIBC: EE: EZL mx w/w ancr; @ 1056 W TC/ID (222 5/12 Cichorek)
11950 1758 DW: PERSIAN: IS w/EE site ID; @ 1800 drums/piano theme mx and
s/on anmts in Persian (454 5/21 Kunkel-CA)

TAIWAN WYFR relay Voice of Free China

11550 *1404 WYFR: EE: Mailbag px giving addresses in South India/California (454 5/27 Matsushita-JAPAN)
17720 0622 VOFC: THAI: CC lesson w/Thai translations; some splatter de
RA-17715 (fr-gd 5/13 Famularo-JAPAN)

THAILAND Radio Thailand

6070 1210 RT: THAI: HS relay w/lots of M/W tlk, mentioning "Thai" about
a million times; ads and more long tlks (nx?); I think this
is my unID from 9/88 oolumn (fair 5/13 Famularo-JAPAN)

UNITED ARAB EMIRATES Voice of UAE Abu Dhabi

11985nf 2235 VOUAE: EE: DJ show w/phone interview, contest, mx, ID/frqs
(322 5/30 Brown-IL) (This is ex-11965; //9595, 13605.-ed.)

VANUATU Radio Vanuatu

7260 0739 RV: BISLAMA/EE: M hosting px of lcl instrumentals/vocals; @
0800 W Bislama nx; @ 0810 M EE nx (242 5/10 D'Angelo-PA)

YEMEN ARAB REPUBLIC Radio San'a

5950 1703 RS: AA: M nx and comment w/ID's @ 1717 and 1721 (353 5/25
Matsushita-JAPAN)

CLANDESTINE

6325 1312 VO THE KHMER: Cambodian: M/W nx w/many ments of Kampuchea;
Cambodian songs (fair 5/13 Famularo-JAPAN)
15685 0135 (t)VO UNITY: ??: M tlk in unID lang; break in audio 0136-
0139; tones hrd under audio; poor audio quality (333 5/5
Cichorek-NJ) (The lang should have been either Pashto or
Dari; this stnmis supposed to originate from xmtrs in
Kunming, China.-ed.)

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Here's something quite new. Due to the current situation in China, Radio Canada International has decided to move up the starting date of their new CC service, which had been projected to come on the air 1 April 1990. The CC service will, instead, begin on 19 June, with two ten-minute CC news-casts a day, UTC Monday-Friday. These will, at first, be incorporated into the morning EE news px @ 2200-2230 on 11705 and 15440 kHz, and the morning FF nx px @ 2230-2300 on 11705 kHz. (These frqs are via RJ's Yamata xmtrs.) This temporary arrangement will last until 1 October, when RCI begins two 30-minute CC programmes, to be broadcast seven days a week.

Also, on 1 July, RCI will begin rebroadcasting the series of EE lessons for CC speakers, jointly produced by RCI and McGill University, which are currently being run on four local stations in China. The sked for these language lessons is as follows: 1300-1330 UTC on 15270 and 17810 kHz, and 1400-1430 UTC on 6150 kHz. (These frqs will also be via Yamata.) Thanks to Jane Organ and Paul Morneau at RCI here in Montreal for the advance information!

I'd presume that we've all spent a lot of time over the past few weeks monitoring coverage of the tragic events in China. (At times like this, I'm glad that I don't have a TV, since I don't think I could have borne to watch the scenes of the massacre in Tienanmen Square.) I'd also presume that the additional transmissions from many international broadcasters, as well as the jamming of VOA and BBC transmissions, may well show up in next month's loggings. Among the extra transmissions are a new RJ px in CC at 0330-0400 on 11840 and 15215 kHz; two new VOA frequencies--17890 and 21585 kHz--for CC/Cantonese broadcasts 1100-1600 UTC; and an extension of RA's EE transmission to China on 17715 kHz to run 0400-0930 (ex-0400-0500). These are supposed to be running "until further notice," so they may still be on the air by the time you read this.

Well, that's the end of this First Anniversary column. I'd like to express my thanks to everyone who's contributed to the column over the past months; I couldn't have put it together without you! Hope you'll all be back next month, when we'll have five pages again.

73-Bill

QSL REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

AFRICA

- CENTRAL AFRICAN REPUBLIC/ R Centrafricaine: 5035 f/d Map cd in 36 ds for a Tri rpt, tape, ms & \$1. V/S Michel Bata. (Blight-MD).
- CHAD/ R Nationale: 4904.5 p/d form ltr in 56 ds for a FF rpt, tape & \$1. (Washburn-ME).
- DJIBOUTI/ RDTV de Djibouti: 4780 p/d Logo cd in 20 ds after f-up for a FF rpt & ms. (D'Angelo-PA).
- ETHIOPIA/ VoE: 9660 f/d cd w/ sticker in 77 ds for 2 ircs & ms. Rpt sent registered. (Wallace-MA).
- MALAWI/ MBC: 5995 f/d pic in 130 ds for a f-up rpt, w/ ms. V/S Henry Chirwa. (D'Angelo-PA).
- MAURETANIA/ R Mauritanie: 4845 p/d cd in 39 ds for a FF/EE rpt & \$1. (Weber-OH). f/d Map-Logo cd in 40 ds for a AA/FF rpt & ms. (Card-RI)
- NIGER/ ORTN: 5020 f/d paper cd in 19 ds after f-up for a FF/EE rpt & \$1. (Weber-OH). f/d cd in 89 ds for a tape, FF rpt & \$1. V/S Yacuoba Alwali. (Washburn-ME).
- SEYCHELLES/ FEBA: 11810 f/d Map cd in 38 ds for \$1.V/S D. Dupasse. (Washburn-ME). f/d Globe cd in 74 ds for 3 ircs. (Johnson-ID).
- SOUTH AFRICA/ Radio RSA: 9615 f/d Table Mountain cd in 6 wks. (Allred-ECU). 21535 f/d Rhinos cd in 17 ds for an irc. (Carson-OK). 25790 f/d cd in 17 ds for 3 ircs. (Calligan-CA). f/d cd in 27 ds. (Cichorek-NJ). 9580 & 9615 f/d cd & sked in 21 ds. (Levison-PA). 9615, 21590 & 21670 f/d Park cd w/ sked in 47 ds for 2 ircs. (Carson-OK). SABC: 9665 f/d Drawing cd w/ stickers & sked in 14 ds for 4 ircs. (OK-Carson). Radio 5: 11880 f/d cd w/ sked in 29 ds. (Bevens-MA). f/d SABC cd w/ sked in 31 ds for 2 ircs. (Gears-IL).

ASIA

- CHINA/ R Beijing: 11685 f/d Great Wall cd w/ goodies in 25 ds. (MA-Bevens). CPBS: 15030 f/d Wall cd in 23 ds for a CC rpt. (Levison-PA).
- CYPRUS/ CBC: 6030 f/d Venus/Shell cd in 38 ds for a tape & 2 ircs. (Cichorek-NJ).
- INDIA/ AIR: 11620 f/d Sculpture cd w/ forms in 62 ds. V/S R. Auhl. (Cichorek-NJ).
- INDONESIA/ RRI Surabaya: 3976 f/d personal ltr in 33 ds after f-up for an IN rpt & \$1. V/S Budinhardjo. (Coday-CA).
- ISRAEL/ KOL Israel: 12077 f/d Blue cd in 5 wks. (Allred-ECU). 15640 f/d Logo cd in 33 ds. (Bishop-NY).
- JAPAN/ RCI Relay: 9595 f/d Film Year cd in 2 wks. (Wallace-MA).
- MONGOLIA/ RUB: 12015 f/d cd w/ sked in 3 mo for a JJ rpt. (Matsushita-JN). f/d Abstract cd in 115 ds after f-up for ms. (George-MA). f/d cd w/ sked & pennant in 122 ds for 3 ircs. (Cichorek-NJ).
- SOUTH KOREA/ R Korea: 15575 f/d Ducksoo Palace cd w/ sked & forms in 32 ds. (Bishop-NY). f/d Kyunghoeru cd in 33 ds. (Bishop-NY). f/d cd w/ pennant & lots of goodies in 38 ds for 2 ircs. (Carson-OK).
- SYRIA/ R Damascus: 9950 f/d Map/Tower cd w/ flag in 26 mo for 2 ircs. V/S Lisa Arslanian. (Cichorek-NJ). 12085 f/d cd w/ flag in 120 ds for ms. (Card-RI). 15095 f/d cd w/ sticker in 170 ds for a tape & 3 ircs. (Carson-OK).
- TAIWAN/ VoAsia: 7445 f/d Memorial cd w/ pennant, sticker, T-Shirt, sked & ltr in 112 ds for \$1. (Cichorek-NJ)... nice haul, Ed!
- TURKEY/ VoT: 9445 f/d Purses cd w/ sticker & skeds in 29 ds. (Bevens-MA). f/d cd w/ stickers, pennant & skeds in 45 ds for 3 ircs. (Carson-OK). Turkish Police Radio: 6340 f/d plain cd w/ info in 4 mo for 2 ircs. (Fisher-MA).

U.A.E./ VoUAE: 11965 p/d Folder w/ info in 3 wks for 2 ircs. (Allred-ECU). R Dubai: 13605 & 21605 f/d Map/Logo cd w/ pennant & sked in 28 ds. (Levison-PA).

VIETNAM/ VoV: 15010 f/d paper cd in 15 wks. (Merchant-NH).

EUROPE

AUSTRIA/ RAI: 9875 f/d Carinthia cd w/ sked in 44 ds. (Bishop-NY). f/d Vorarlberg cd w/ sked in 60 ds. (Bishop-NY). 13730 f/d Tyrol cd w/ stamps & sked in 17 ds. (Levison-PA). f/d cd & skeds in 23 ds. (Bishop-NY). f/d cd w/ stamps & sked in 44 ds. (Levison-PA). 15540 f/d costumes cd in 2 mo (Allred-ECU). 17870 f/d Carinthia cd w/ sked in 45 ds. (Leader-IRE). RCI Relay+ 11730 f/d DIY cd in 15 ds. (Weber-OH).

BULGARIA/ R Sofia: 7115 f/d cds w/ pennant, stamps & book in 53 ds for a tape & 2 ircs. (Carson-OK).

CZECHOSLOVAKIA/ R Prague: 5930 f/d Chateau cd w/ book in 36 ds. (Leader-IRE). 7345 f/d Castle cd w/ book & info in 20 ds. (Bevens-MA). f/d Castle cd w/ book in 72 ds for an irc. (Carson-OK). 5930 & 7345 f/d cd in 36 ds for an irc. (Weiderman-MI).

FRANCE/ RFI: 15365 & 17720 f/d cd in 28 ds for \$1. (Blight-MD).

G.D.R./ RBI: 11785 5 f/d cds w/ forms in 3 wks for an irc. (Carson-OK). f/d Potsdam cd w/ photos in 93 ds (Levison-PA). 21540 f/d Drawings cd in 87 ds. (Levison-PA). Stimme der DDR: 6115 p/d Bridge cd in 24 ds. (Weber-OH). f/d Scenes cd w/ pennant & goodies in 91 ds. (D'Angelo-PA).

GREECE/ VoG: 7430 n/d Monasteries cd w/ sked in 72 ds. (Bevens-MA).

HUNGARY/ R Budapest: 9835 f/d Riverfront cd in 32 ds. (Weber-OH).

MALTA/ IBRA Radio: 7110 f/d Scenes cd w/ pennant & info in 42 ds for 2 ircs. (Cichorek-NJ). Vo Med.: 9765 f/d Harbor cd in 39 ds for ms. (George-MA).

MONACO/ TWR: 7105 f/d Map cd w/ skeds in 79 ds. (Bevens-MA). 9485 f/d cd in 84 ds for \$1. V/S Mrs. Lesley Pettinger. (Washburn-ME).

NETHERLANDS/ RN: 6165 f/d Ship cd w/ ltr in 19 ds for 2 ircs. (Gears-IL). 9590 f/d Painting cd in 45 ds for an irc. (Weiderman-MI).

ROMANIA/ R Bucharest: 9570 p/d Scinteria Square cd in 5 mo. (Allred-ECU).

SPAIN/ REE: 9630 f/d Grayda cd in 68 ds. (Bishop-NY).

SWEDEN/ RSI: 1179 f/d Ships cd w/ sked in 16 ds. (Leader-IRE). 21610 f/d Stockholm cd w/ sked in 41 ds (Carson-OK).

SWITZERLAND/ SRI: 9885 f/d Berne cd in 3 wks for an irc. (Allred-ECU). 13685 f/d cd in 11 ds. (Leader-IRE). ICRC: 9885 p/d Logo cd in 2 mo for an irc. (Wallace-MA).

VATICAN CITY/ R Vaticana: 6150 f/d Pope Pius XI cd w/ skeds in 68 ds (Bevens-MA). 6150, 9605 & 11780 f/d Pope John Paul II cd in 69 ds for \$1. (Blight-MD).

YUGOSLAVIA/ R Televizija Skopje: 9620 f/d form ltr in 91 ds V/S Aleksandar Georgiev. (D'Angelo-PA).

U.S.S.R.

R Kiev: 7165 f/d picture cd w/ goodies in 3 mo. (Merchant-NH). 7400 f/d scenes cd in 68 ds for an irc. (Carson-OK). 15455 f/d cd w/ book-mark in 59 ds. (Levison-PA).

R Moscow: 15260-Kharkov f/d cd in 5 mo. (Allred-ECU). 15475-Simferopol f/d cd in 60 ds for an irc. (Johnson-ID). 17890 f/d cd in 66 ds. (Levison-PA). 11980-Tbilisi f/d cd w/ ltr & book in 38 ds. (Weber-OH). 11840-Moscow f/d cd in 40 ds for 2 ircs. (Gears-IL).

R Tallinn: 5925 f/d Farmacyard cd w/ pennant & info in 115 ds. (Eckert-PA).

NORTH AMERICA

ANTIGUA/ BBC Relay: 5975 f/d ltr in 20 ds for an SASE. V/S G. Hoefs. (Blight-MD).

CANADA/ RCI: 9535 f/d DIY cd in 4 wks. (Allred-ECU). R Japan Relay: 5960 n/d Mt. Fuji cd w/ goodies in 28 ds. (Bishop-NY). n/d Doll cd w/ goodies in 35 ds. (Bevens-MA). n/d cd & stuff in 40 ds. (NY-Bishop).

- CUBA R Habana: 6140 f/d Mantanzas cd w/ sked & goodies in 3½ mo for a SS rpt & 2 ircs. (Gears-IL).
- GREENLAND Grønlands Radio: 3999 p/d Studio cd in 3½ mo for a tape & ms. V/S Henrik Jorgensen. (Wallace-MA). p/d cd w/ book in 4 mo for a tape & 2 ircs. (Fisher-MA).
- GUATEMALA R Buenas Nuevas: 4800 p/d Bird cd in 66 ds for a SS rpt, \$1 & an irc. (George-MA). R Tezulutlan: 4835 f/d Procession cd w/ ltr in 209 ds for a SS rpt & ms. V/S Antonio Jacobs. (Eckert-PA).
- NETHERLANDS ANTILLES TWR: 9535 f/d cd w/ goodies in 32 ds for an irc. (Weiderman-MI). f/d Anniversary cd w/ goodies in 37 ds. (MA-Bevens). 9535 & 11930 f/d cds w/ goodies in 28 ds for 2 ircs. (Carson-OK).
- U.S.A. KUSW: 9815 f/d cd in 45 ds for a SASE. (Weiderman-MI). KVOH: 13695 f/d X'mitter cd w/ sticker in 35 ds for a SASE. (Bevens-MA). 17775 f/d cd w/ sticker in 38 ds for ms. (Carson-OK). VoFC Relay: 5985 f/d Announcers cd w/ sticker in 39 ds. (Levison-PA). f/d cd & sticker in 59 ds. (Levison-PA). WCSN: 7365 n/d Studio cd w/ skeds in 39 ds for a SASE. (Bevens-MA). WHRI: 9495 f/d Logo cd w/ sked in 142 ds for ms. V/S Loren Holycross. (Bishop-NY). WRNO: 6185 p/d New Orleans cd in 34 es for ms. (Weiderman-MI). WYFR: 7355 f/d Map cd w/ sked in 32 ds for a SASE. (Bevens-MA).

OCEANIA

- MARIANAS ISLANDS KTWR: 11805 f/d Locomotive cd in 26 ds for 3 ircs. V/S Alan Doyle. (Johnson-ID). f/d Bridge cd in 31 ds for 2 ircs. (Brown-IL). f/d cd in 38 ds for a SASE. (Blight-MD).
- NEW CALEDONIA RFO: 7170 n/d Map/Logo cd in 159 ds after f-up for a FF rpt & 2 ircs. (Cichorek-NJ).
- NEW ZEALAND RNZI: 15150 f/d pennant cd in 18 ds for 4 ircs. (Carson-OK). 17705 f/d flag cd w/ pennant in 27 ds for 3 ircs. V/S Rudi Hill. (Gears-IL).
- SOLOMON ISLANDS SIBC: 9545 p/d Seal cd in 40 ds for 2 ircs. (Brown-IL).

SOUTH AMERICA

- BOLIVIA R Panamericana: 6105.45 f/d Map cd in 17 ds for a SS rpt & ms. V/S Daniel Sanchez Rocha. (Eckert-PA).
- BRAZIL RadioBras: 11745 f/d Rio cd w/ form in 95 ds. V/S Claudia Carneiro. (Bishop-NY). RN da Amazonia: 11780 f/d ltr w/ stickers in 24 ds after f-up for an EE/PP rpt & \$1. V/S Lucia Emilia Mendes Fernandes. (Weber-OH).
- ECUADOR HCJB: 3220 f/d Stamps cd in 52 ds. (Blight-MD). 6230 f/d sketchbook cd in 29 ds for ms. (Gears-IL). 9745 f/d stamps cd in 45 ds for ms. (Johnson-ID). f/d cd w/ goodies in 52 ds. (Bronowicz-NJ).
- GUYANA GBC: 5950 f/d pfc w/ ltr in 45 ds after f-up for ms. V/S Roy Marshall. (Weber-OH).
- PERU R Melodia: 5974 f/d Map cd w/ pfc, pennant & postcard in 81 ds for a SS rpt & \$1. V/S's Mertha Cerventes Alvarez, and Hermogenes Delgado Torres. (D'Angelo-PA).
- VENEZUELA R Continental: 4940 f/d Map cd in 140 ds for a SS rpt & ms. (D'Angelo-PA). f/d cd in 152 ds for a SS rpt & ms. V/S M. Querales. (George-MA).

UTILITIES

- AZORES Santa Maria: 5598 f/d ltr in 3½ mo. V/S E. Pereira. (Calligan-CA).
- BRASIL PPR: 8492 f/d ltr w/ goodies in 3 mo for ms. Came via Registered mail. (Merchant-NH).
- CHINA BPM: 10000 f/d cd in 3 wks for ms. (Merchant-NH).
- COSTA RICA TIM: 13100 f/d cd in 18 mo for ms. V/S Salvador Sanabria Vargas. (Merchant-NH).
- DENMARK OX2: 8709.5 f/d cd in 10 ds. (Conway-UK).
- DJIBOUTI JZA9: 12728 f/d pfc in 91 ds. (Conway-UK).

I'm sorry to say, but that's all the room I'm allotted this month...alot more great stuff left, so check it out next month! 73 & best to all,

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
6376.0	CW	USA	WCC	Chatham Radio, MA	0300	QSO marker, t/c list	Coleman-MA
6462.0	CW	Tahiti	FUM1	Papeete Naval	0655	French Navy, V Marker	Merchant-NH
8441.4	CW	South Yemen	70A	Aden Radio	1751	DE Marker	Conway-UK
8455.0	CW	USSR	UVA	unknown	2202	Again!?!? CQ Marker. Announced 4231.5/8455/12830. Ideas, anyone???	Conway-UK
8457.0	CW	Argentina	LSA	Boca Radio	2130	V Marker	Conway-UK
8459.0	CW	Romania	YQJ4	Constanta Radio	2203	DE manual & t/c. Manual CW	Conway-UK
8463.0	CW	Canada	CKN	Vancouver Radio	0652	Canadian Forces. CQ Marker	Conway-UK
8463.3	CW	Turkey	TOR	Tophane Radio	1757	CQ Marker & t/c list at 1801	Conway-UK
8476.0	CW	Singapore	9VGS6	Singapore Radio	1934	CQ Marker giving freq	Conway-UK
8500.0	CW	USSR	ROT	Moscow Naval	2123	Soviet Navy. CQ Marker	Conway-UK
8509.0	CW	USSR	UQK	Riga Radio	1826	DE Marker. New freq??	Conway-UK
8511.0	CW	Taiwan	XSW	Kaolshing Radio	2121	CQ Marker	Conway-UK
8512.8	CW	Australia	VHI	unknown	2105	RAN? V Marker. New station or callsign change???	Conway-UK
8515.0	CW	Libya	5AT	Tripoli Radio	2046	V/CQ Marker	Conway-UK
8515.3	CW	Libya	5AT	Tripoli Radio	0640	CQ marker	Merchant-NH
8522.0	CW	Malaysia	9WV20	Kuching Radio	1830	CQ Marker	Conway-UK
8525.0	CW	Kuwait	9KK	Kuwait Radio	1941	CQ Marker	Conway-UK
8542.0	CW	Indonesia	PKX	Jakarta Radio	1810	CQ Marker	Conway-UK
8544.0	CW	Czechoslovakia	OMP	Prague Radio	1851	Cig OLG P & other ships	Conway-UK
8546.0	CW	USSR	UHK	Batumi Radio	1940	DE Marker. Very fast CW	Conway-UK
8558.4	CW	USA	KFS	San Francisco Radio	0712	CQ Marker	Conway-UK
8570.0	CW	Guam	NRV	Barrigada	1930	USCG. CQ Marker	Conway-UK
8580.0	CW	USSR	URL	Sevastopol Radio	2218	CQ Marker	Conway-UK
8589.0	CW	Panama	HPP	Panama Intelmar Radio	0646	V Marker	Merchant-NH
8595.0	CW	Chile	CCS	Santiago Naval	2246	Chilean Navy, V marker	Conway-UK
8601.4	CW	New Zealand	ZL04	Irirangi Naval	2011	DE Marker. New freq?? [CFL shows 8598.4 -ed]	Conway-UK
8604.5	CW	Philippines	DZJ	Manila-Bulacan Radio	1800	DE Marker & t/c. Heavy QRM from ZRH	Conway-UK
8636.0	CW	South Korea	HLW	Seoul Radio	2030	Wkg t/c	Conway-UK
8652.5	CW	Surinam	PZM3	Paramaribo Radio	2032	CQ Marker	Conway-UK
8657.0	CW	New Caledonia	FWJ	Noumea Naval	1820	French Navy, V Marker	Conway-UK
8674.5	CW	India	VW1	Madras Radio	1212	CQ Marker	Jones-TX
8688.0	CW	Senegal	6VA	Dakar Radio	1953	CQ Marker	Conway-UK
8691.2	CW	Iceland	TFA	Reykjavik Radio	1327	CQ Marker. Frequency shift??	Conway-UK
8696.6	CW	Albania	ZAD2	Durres Radio	1512	V/CQ Marker. Off usual frequency	Conway-UK
14406.0	RTTY	Azores	RPTIH	(Horta Naval?)	2126	425/50N: Portugese Navy? Foxes & cig RPFNN	Conway-UK
14809.0	RTTY	Scotland	GXH	Thurso Naval	0145	425/50R: Foxes, testing	Coleman-MA
17225.5	RTTY	USA	WNU	Slidell Radio, LA	2135	ARG: Cig LAID2 with urgent msg	Conway-UK
18965.0	RTTY	Tahiti	'RFHJ'	Papeete Naval	1220	ARG-12/96: French Navy. Testing	DeLaunoy-FR
22461.0	CW	New Caledonia	FWJ	Noumea Naval	0100	French Navy, V Marker	Merchant-NH
24870.0	RTTY	Tahiti	'RFHJ'	Papeete Naval	1955	ARG-12/96: Wx, testing	DeLaunoy-FR
25315.0	RTTY	Portugal	RPFN	Lisbon	1258	850/50N: Portugese Navy. Foxes. Wkg PWZ at 1315 w/msgs	Conway-UK

Other Fixed Stations (including Aero and Meteo)

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
5460.0	RTTY	Morocco	CNA7	Tangier	0230	425/75R: VOA news in EE	Coleman-MA
8165.0	RTTY	Kenya	5YD	Nairobi	2032	170/50R: DE Marker	Conway-UK
8993.0	USB	Ascension Is.	AAF [?]	Ascension	0225	USAF GCS. Wkg MAC 59411	O'Connor-NH

9049.0	USB	unknown	....	unknown	2330	Numbers w/YL announcer	Merchant-NH
9280.0	RTTY	Antarctica	RUZU	Molodezhnaya	0307	.../50: RYRYRY, wx	DeLaunoy-FR
9961.0	RTTY	USA?	....	unknown	0457	VFT/50: USN or USAF??? News In EE	DeLaunoy-FR
10334.4	RTTY	Mongolia	JTV8	Ulan Bator	1708	1000/50: MONTSAME news In EE. Vy wide shifn	DeLaunoy-FR
10602.5	RTTY	Nigeria	....	Lagos	1659	.../100: NAN news In EE	DeLaunoy-FR
10895.0	RTTY	USSR???	RSX4	unknown	0552	.../50: Test in Cyrillic	DeLaunoy-FR
11396.0	USB	Indonesia	....	Ball	1545	ICAO SEA-3 area. Wkg SINGAPORE 254	Flynn
11396.0	USB	Singapore	....	Singapore	1550	ICAO SEA-3 area. Wkg JAPAN AIR 712	Flynn
13330.0	USB	South Africa	....	Johannesburg	2008	LDOC. Wkg SPRINGBOK 232 w/position report	Conway-UK
13330.0	USB	USA	....	Houston, TX	2016	LDOC. Wkg a/c 504 on ground at Puerto Rico	Conway-UK
13826.0	USB	Caroline Is.	....	Truk Island	1040	USN/MARS. Wkg NNNONRI	Gordon-CT
13974.0	USB	Antarctica	NNNOICE	MchIunde Base	0242	USN/MARS. Phone patch t/c	Bronowicz-NJ
14639.8	RTTY	Laos	KPL'	Vientiane	0858	.../50: KPL news in EE	DeLaunoy-FR
14785.0	RTTY	India	ATP65	Delhi	0825	.../50: INDINFO news in EE	DeLaunoy-FR
15000.0	AM	Argentina	L0L	Buenos Aires	2336	Morse ID at 2339, 2344, 2349, 2354 & 2359. YL w/voice ID	D'Angelo-PA
15508.5	RTTY	Poland	SOP250	Warsaw	1659	.../50: PAP news In FF	DeLaunoy-FR
16106.0	RTTY	New Caledonia	FZM62	Noumea	0452	.../50: DIPL0 news In FF	DeLaunoy-FR
16348.1	RTTY	Cuba	CLNS30	Havana	1941	425/50R: TASS news In EE.	O'Connor-NH
18018.0	USB	England	MLP	'Architect', Upavon	2000	RAF. Coded wx reports	O'Connor-NH
18035.0	RTTY	Japan	JAT28	Tokyo	0610	.../50: KYODO news In EE	DeLaunoy-FR
18230.0	RTTY	England	GFL25	Bracknell	1445	425/50R: Meteo	Alexander-IA
18255.0	RTTY	India	ATB68	Delhi	0822	.../50: INDINFO news In EE	DeLaunoy-FR
18261.0	CW	Cuba	CLA	Havana	1947	Cig CQ	O'Connor-NH
18388.6	RTTY	Libya	SAF	Tripoli Air	1420	425/50R: RYRYRY, DE marker	Alexander-IA
18543.5	RTTY	Sudan	STK	Khartoum	2228	425/50N: DE Marker	Conway-UK
18620.0	RTTY	unknown	....	Cuban embassy???	2119	425/50R: 'Embacuba Guyana' msgs	Conway-UK
18650.0	RTTY	Poland	SOT265	Warsaw	1658	.../50: PAP news In FF	DeLaunoy-FR
18823.5	RTTY	East Germany	Y2V38A	Berlin	1500	425/50N: ADN news In EE.	Alexander-IA
19101.5	RTTY	Indonesia	....	Jakarta	1226	.../50: News In Indonesian	DeLaunoy-FR
19822.5	RTTY	Libya	SAF	Tripoli Air	2232	425/50N: LSA circuit t/c	Conway-UK
20085.0	RTTY	Italy	ISX20	Rome	1630	325/50R: ANSA news In FF	Coleman-MA
20482.4	RTTY	Philippines	....	Poro La Union	0315	.../75: VOA news In EE	DeLaunoy-FR
20655.0	RTTY	West Germany	DFU65H4	Hamburg	0855	.../50: RYRYRY, news In EE	DeLaunoy-FR
20715.0	RTTY	Gabon	RFTJD'	Libreville	1355	ARG-E3/48: Testing	DeLaunoy-FR
23370.0	RTTY	Saudi Arabia	HZNS0	Jeddah	1605	170/100R: Meteo. 5-letter groups	Conway-UK

Maritime Mobile Stations

kHz	MODE	NAME	CALL	UTC	REMARKS	CONTRIBUTOR
2714.0	USB	USS MC CLOY	NZBI	0104	USN. Cig for radio check. Off freq	Gordon-CT
2716.0	USB	CNRV BLUETHROAT	CZDW	1010	Canadian Naval Research Vessel. Wkg Qht1 Hallifax	Gordon-CT
2716.0	USB	HMCS GATINEAU	....	0135	RCN. Cig Canadian Navy Tug St. Charles	Gordon-CT
2716.0	USB	HMCS PORTE ST. LOUIS	....	0830	RCN. Wkg "Harbor Control" & HMCS PORTE ST. JEAN	Gordon-CT
2716.0	USB	HMCS SKEENA	....	1015	RCN. Canadian Warship. Cig Shearwater Ops	Gordon-CT
2716.0	USB	USN RESEACH VESSEL ATHENA	....	0130	USN. Wkg "Mobile Unit 1" (Portsmouth Naval Shipyard)	Gordon-CT
2716.0	USB	USS BERKELEY	NAEH	1100	USN. Cig San Francisco	Gordon-CT
2716.0	USB	USS CHARLESTON	NNHU	1040	USN. Cig Norfolk	Gordon-CT
2716.0	USB	USS CONNOLLE	NZLL	0910	USN. Cig Newport	Gordon-CT
2716.0	USB	USS DE WERT	NRDW	0800	USN. Cig St. Georges Harbor Control	Gordon-CT
2716.0	USB	USS DEYO	NEWZ	0830	USN. Cig Charleston	Gordon-CT
2716.0	USB	USS EDENTON	NXSF	1115	USN. Cig Halifax Port Control	Gordon-CT
2716.0	USB	USS EXPLOIT	NREB	1030	USN. Cig Newport Port Secondary	Gordon-CT
2716.0	USB	USS NICHOLAS	NSVN	1100	USN. Cig Roosevelt Roads, PR	Gordon-CT
2716.0	USB	USS PENSACOLA	NKZI	1015	USN. Cig Little Creek Tug Control	Gordon-CT
2716.0	USB	USS PEORIA	NOLA	1130	USN. Cig Charleston	Gordon-CT
2716.0	USB	USS RICHARD E. BYRD	NHSN	0940	USN. Cig Norfolk	Gordon-CT
2716.0	USB	USS TAYLOR	NJUT	1040	USN. Cig Newport	Gordon-CT
2716.0	USB	USS TRUETT	NHDB	0005	Way off freq! Cig Norfolk	Gordon-CT
2716.0	USB	USS YOSEMITE	NARV	1015	USN. Cig Newport	Gordon-CT

2717.0	USB	USS HAYLER	NRW11	0840	USN. Clg Newport. 1 kHz off freq...	Gordon-CT
2717.3	USB	USS DETROIT	NDWQ	2355	USN. Way off freq! Clg Norfolk	Gordon-CT
7535.0	USB	USNS MISSISSINEWA	NBSZ	1940	USN. Clg Norfolk SESEF	Gordon-CT
7535.0	USB	USS HARRY E. YARNELL	NCOK	1900	USN. Wkg Norfolk SESEF	Gordon-CT
7535.0	USB	USS IWO JIMA	NDXG	1930	USN. Wkg Norfolk SESEF	Gordon-CT
7535.0	USB	USS NASHVILLE	NDVW	1910	USN. Wkg Norfolk SESEF	Gordon-CT
7535.0	USB	USS PONCE	NSB.J	1900	USN. Wkg Norfolk SESEF	Gordon-CT
7535.0	USB	USS RALEIGH	NOCE	1815	USN. Wkg Norfolk SESEF	Gordon-CT
7535.0	USB	USS SAGINAW	NGKO	1800	USN. Clg Norfolk SESEF	Gordon-CT
7535.0	USB	USS SAN DIEGO	HNCD	1910	USN. Wkg Norfolk SESEF	Gordon-CT
8381.0	CW	KOJIMA	BLYS	1212	Wkg NMO	Jones-TX
8719.0	USB	USNS APACHE	NIGP	1040	USN. Clg COMSUPRON-8	Gordon-CT
8719.0	USB	USNS POWHATON	NKXR	1000	USN. CLG NZNG USS PAIUTE	Gordon-CT
8719.0	USB	USS INFLECT	NLYP	1015	USN. Wkg COMSUPRON-8	Gordon-CT
8719.0	USB	USS OPORTUNE	NIHI	2355	USN. Clg COMSUPRON-8	Gordon-CT
8719.0	USB	USS PAIUTE	NZNG	2020	USN. Radio check w/COMSUPRON-8	Gordon-CT
8719.0	USB	USS PRESERVER	NGOD	1025	USN. Wkg COMSUPRON-8	Gordon-CT
8969.0	USB	USS CARL VINSON	....	0420	USN on USAF 6CCS freq. Used tactical call 'Gold Eagle'. Wkg McClellan AFB, FL w/patch	O'Connor-NH
12493.5	RTTY	M/S CEDYNIA	SDDL	1244	ARQ: Wkg WLO	Gerstner-FL
12498.5	RTTY	M/V A.V. KASTNER	GJ6V	1347	ARQ: Wkg WLO	Gerstner-FL
12501.5	RTTY	MV KENTUCKY	H96K	1817	ARQ: Wkg WCC	Gerstner-FL
12501.5	RTTY	VERA CRUZ 1	3FAQ	2225	ARQ: Wkg WCC	Gerstner-FL
12503.5	RTTY	SS MAJOR STEPHEN PLESS	WHAU	1247	ARQ: Wkg WLO	Gerstner-FL
12516.0	RTTY	OMI WILLAMETTE	WGWA	1333	ARQ: Wkg WLO	Gerstner-FL
14383.5	USB	USCGC BASSWOOD	NNNOCPH	0845	USN/MARS. Lighthouse tender, homeport Guam. Clg 'any shore station'	Gordon-CT
14383.5	USB	USS BELLEAU WOOD	NNNOCTZ	1110	USN/MARS. Wkg NNNONIM	Gordon-CT
14383.5	USB	USS JUNEAU	NNNOCNB	0135	USN/MARS. Wkg NNNONUW	Gordon-CT
14383.5	USB	USS WHITE PLAINS	NNNOCPW	0955	USN/MARS. Patch t/c via NNNONWE Guam	Gordon-CT
14441.5	USB	USNS WACCAPIAW	NNNOCPX	0015	USN/MARS. Clg 'any stateside MARS station'	Gordon-CT
14441.5	USB	USS CARL VINSON	NNNOCWY	0120	USN/MARS. Wkg NNNONRJ	Gordon-CT
14441.5	USB	USS CORAL SEA	NNNONZQ	0110	USN/MARS. Wkg NNNONIM	Gordon-CT
14441.5	USB	USS GUADAL CANAL	NNNOCV0	2145	USN/MARS. Wkg NNNONIM	Gordon-CT
14441.5	USB	USS HALSEY	NNNOCTI	0240	USN/MARS. Clg 'any West Coast MARS station'	Gordon-CT
14441.5	USB	USS INCHON	NNNOCUS	2325	USN/MARS. Clg 'any stateside MARS station.'	Gordon-CT
14441.5	USB	USS JASON	NNNOCTV	2050	USN/MARS. Wkg NNNOTSD	Gordon-CT
14441.5	USB	USS JOHN L. HALL	NNNOCHA	2005	USN/MARS. Wkg NNNOWHT	Gordon-CT
14441.5	USB	USS MAHAN	NNNONBZ	1235	USN/MARS. Clg 'any stateside MARS station.'	Gordon-CT
14441.5	USB	USS PAUL	NNNOCRX	2010	USN/MARS. Clg 'any stateside MARS station.'	Gordon-CT
14441.5	USB	USS SAN JACINTO	NNNOCY Y	0100	USN/MARS. Wkg NNNOXW	Gordon-CT
14441.5	USB	USS SPARTANBURG COUNTY	NNNOCSE	2350	USN/MARS. Clg 'any stateside MARS station'	Gordon-CT
14467.0	USB	USS SEATTLE	NNNOCMU	2330	USN/MARS. Wkg NNNOXPQ	Gordon-CT
14470.0	USB	USS MOUNT WHITNEY	NNNOCVZ	0219	USN/MARS. Phone patch t/c thru NNNONIG	Bronowicz-NJ
14470.0	USB	USS TAYLOR	NNNOCAE	0126	USN/MARS. Phone patch t/c	Bronowicz-NJ
14470.0	USB	USS WILLIAM V. PRATT	NNNOCNZ	0136	USN/MARS. Phone patch t/c	Bronowicz-NJ
14477.0	USB	USS SELLERS	NNNONXZ	2345	USN/MARS. Wkg NNNOWHT	Gordon-CT
16408.0	CW	SAGARSANDHANI	VVJW	1117	Wkg 9V6	Jones-TX
16463.1	USB	CAN MAR VENTURE	VRKO	1843	Wkg GKT62 Portishead	O'Connor-NH
16463.1	USB	GEORGIOS T.	5M8E	2007	Wkg GKT2 Portishead	O'Connor-NH
16463.1	USB	GLACIER SEAS	WSA4928	1901	Wkg KHI Point Reyes, CA	O'Connor-NH
16503.4	USB	LINCOLN UNIVERSAL	4QVJ	1900	Wkg GKU65 Portishead	O'Connor-NH
16587.1	USB	EXXON MAINE	WRB2097	1601	Wkg KHT. Phone patch t/c	Gerstner-FL
16587.1	USB	EXXON NEW ORLEANS	WFDH	1511	Wkg KHT. Phone patch t/c	Gerstner-FL
16587.1	USB	OVERSEAS MARILYN	WFG8	2011	Wkg KHT. Phone patch t/c	Gerstner-FL
16587.1	USB	OVERSEAS NEW YORK	WMCK	1754	Wkg KHT. Phone patch t/c	Gerstner-FL
16587.1	USB	OVERSEAS WASHINGTON	WFGV	1326	Wkg KHT. Phone patch t/c	Gerstner-FL
16664.0	RTTY	B/C PINAZO	EHSY02	2220	ARQ: Wkg Madrid	Alexander-IA
16674.5	RTTY	INCOTRASPACIFIC	DLHW	1322	ARQ: Wkg WLO	Gerstner-FL
16674.5	RTTY	JAHRE TRAVELER	LAJ2	1809	ARQ: Wkg WLO	Gerstner-FL
16702.5	RTTY	TH VASILIA MATUZENKO	UIFG	2210	170/50R: Wkg UFB Odessa.	Alexander-IA
16770.0	CW	NEW RUBY	3FKF2	0305	Wkg KFS	Jones-TX
16780.0	CW	Allison LYKES	WMRJ	0120	Wkg NFIN	Jones-TX
16786.0	CW	AIFANOURIOS	ELDT4	0258	Wkg KFS	Jones-TX
16794.0	CW	LEON TARI	C4BC	2315	Wkg KLB	Jones-TX
16800.0	CW	BLACK PEARL	C4EC	2019	Wkg NFIN	Jones-TX
16800.0	CW	COLORADO	9HTD2	2028	Wkg NFIN	Jones-TX
16828.0	CW	MARITIME ASSOCIATE	3FEQ2	0014	Wkg JCU	Jones-TX
16835.0	CW	CALLINEE PATRONICOLA	SVQF	0310	Wkg JNA	Jones-TX
16842.0	CW	TRYVANN	LAOR2	0154	Wkg KPH	Jones-TX

16844.0	CW	OAK GLORY	ELB06	2244	Wkg KFS	Jones-TX
20937.0	USB	USS DULUTH	NNNOCWN	0330	USN/MARS. Phone patch Lfc	Bronowicz-NJ
20977.0	USB	USS MOBILE BAY	NNNOCAC	2000	USN/MARS. Wkg NNNOPFN	Gordon-CT

Aeronautical Mobile Stations

kHz	MODE	NAME	UTC	REMARKS	CONTRIBUTOR
5598.0	USB	AEROFLOT 341	0708	ICAO NAT-1 area. Wkg New York. Position 41N 60W	Calligan-CA
5598.0	USB	IBERIA 939	0657	ICAO NAT-1 area. Wkg New York	Calligan-CA
5643.0	USB	NEW ZEALAND 4	1306	ICAO SP-6 area. Wkg Honolulu	Calligan-CA
6532.0	USB	ASTRO 4-8	1345	ICAO CWP-2 area. Wkg Honolulu. Position 00N 145E	Calligan-CA
6532.0	USB	CR2N3	1315	ICAO CWP-2 area. Wkg Honolulu. New Zealand military???	Calligan-CA
6577.0	USB	AEROFLOT 339	0841	ICAO E-CAR area. Wkg New York. Positon Lear'	Calligan-CA
6577.0	USB	ARGENTINA 326	0926	ICAO E-CAR area. Wkg San Juan	Calligan-CA
6673.0	USB	PAWN 7-1	1518	ICAO CEP-5 area. Refueling a/c. Wkg San Francisco	Calligan-CA
6716.0	LSB	SAM 24127	0300	USAF. Wkg Andrews	Alexander-PA
6728.0	USB	AIR FORCE 2	1810	USAF. Wkg Andrews	Redden-OH
6756.0	USB	AIR FORCE 1	1820	USAF. Wkg Andrews	Redden-OH
6756.0	USB	SAM 682	1732	USAF. Wkg Andrews	Redden-OH
6756.0	USB	SAM 683	1704	USAF. Wkg Andrews	Redden-OH
6756.0	USB	SAM 86972	2240	USAF. Wkg Andrews	Alexander-PA
6812.0	USB	SAM 60205	2100	USAF. Wkg Andrews. Also hrd on 9006.0, 9320.0, 11055.0, 11484.0 & 11545	Alexander-PA
6835.0	USB	AIR FORCE 1	1750	USAF. Wkg Andrews	Alexander-PA
6927.0	USB	SAM 21682	1947	USAF. Wkg Andrews	Alexander-PA
8825.0	USB	SPEEDBIRD 254	0353	ICAO NAT-A area. Wkg Santa Maria	Calligan-CA
8864.0	USB	WRANGLER 100	0929	ICAO NAT-B area. Wkg New York	Calligan-CA
8879.0	USB	MAC 263	1340	ICAO INO-1 area. Wkg Cocos	Calligan-CA
8879.0	USB	SPEEDBIRD 6-4	1302	ICAO INO-1 area. Wkg Mauritius	Calligan-CA
8903.0	USB	QANTAS 2-2	1157	ICAO CWP 1/2 areas. Relay to Manila via Tokyo	Calligan-CA
9043.0	USB	SAM 60201	2355	USAF. Wkg Andrews. Also hrd on 9017.0 & 13204.0	Alexander-PA
9270.0	USB	SAM 130	1825	USAF. Wkg Andrews	Redden-OH
10048.0	USB	NAVY SF08	0937	ICAO NP-3. Wkg Honolulu	Calligan-CA
11056.0	USB	PET 02	1545	USAF. Wkg Andrews	Redden-OH
11058.0	USB	SAM 205	1535	USAF. Wkg Andrews	Redden-OH
11118.0	LSB	SAM 24130	1625	USAF. Wkg Andrews. Also hrd on 11466.0.	Alexander-PA
11342.0	USB	UNITED 805	2347	LDOC. Wkg Chicago	Calligan-CA
11384.0	USB	ASTRO 4-7	1317	ICAO CWP-2 area. Wkg Honolulu. Position 00N 145E	Calligan-CA
11384.0	USB	DYNASTY 018	1259	ICAO CWP-2 area. Wkg Honolulu	Calligan-CA
11384.0	USB	MAC 60150	1258	ICAO CWP-2 area. Wkg Honolulu	Calligan-CA
11384.0	USB	N7047U	1335	ICAO CWP-2 area. Wkg Honolulu. Instructed to QSY to 6532.0 kHz	Calligan-CA
11384.0	USB	UNITED 803/D	1255	ICAO CWP-2 area. Wkg Honolulu. Position 31N 170W	Calligan-CA
11396.0	USB	AUSSIE 126	0905	ICAO SEA-3 area. Wkg Darwin	Calligan-CA
11396.0	USB	QANTAS 7-0	0919	ICAO SEA-3 area. Wkg Ball	Calligan-CA
11396.0	USB	QANTAS 7-1	0939	ICAO SEA-3 area. Wkg Jakarta	Calligan-CA
11396.0	USB	QANTAS 9	1037	ICAO SEA-3 area. Wkg Ball	Calligan-CA
11396.0	USB	SPEEDBIRD 1-2	1121	ICAO SEA-3 area. Wkg Jakarta	Calligan-CA
11466.0	USB	AIR FORCE 1	1953	USAF. Wkg Andrews	Redden-OH
11466.0	USB	SAM 970	1905	USAF. Wkg Andrews w/phone patch	Redden-OH
13247.0	USB	AIR FORCE 1	1410	USAF. Wkg Andrews	Redden-OH
13247.0	USB	SAM 26000	1348	USAF. Wkg Andrews w/phone patch	Redden-OH
13247.0	USB	TROUT 99	1533	USAF. Wkg Andrews. Also hrd on 11466.0.	Alexander-PA
13306.0	USB	AIR FRANCE 223	0204	ICAO NAT area. Cig Santa Maria. No answer	Calligan-CA
13306.0	USB	KLM 741	0152	ICAO NAT area. Wkg New York. Position 44N ??W	Calligan-CA
13306.0	USB	LUFTHANSA 539	0157	ICAO NAT area. Wkg Santa Maria. Position 31N 40W	Calligan-CA
13412.0	USB	SAM 682	1919	USAF. Wkg Andrews	Redden-OH
15018.0	LSB	AIR FORCE 1	1417	USAF. Wkg Andrews	Alexander-PA
15018.0	LSB	AIR FORCE 1	1417	USAF. Wkg Andrews	Redden-OH

SUMMER IS UPON US WITH A VENGEANCE! Low frequencies are useless, naturally, but we've been fortunate enough to be blessed with exceptional propagation on the high frequencies. After a brief period without any HF rigs and having my attention focused on the VHF and UHF bands, I'm finally back on HF with a new receiver (R71A) and expect to acquire another transceiver in the near future to continue my quest for WAZ and DXCC on RTTY. Meanwhile, if it ever stops raining I can get to work on the antenna farm. (...actually it's more like an antenna garden)

US NAVY RTTY HUNTERS NOTE THAT NORFOLK SESEF (Shipboard Electronic Systems Evaluation Facility) uses 12315.0 and 4040.0 kHz for RTTY operations. (Tnx Andy Gordon)

SOME CALLSIGNS FOR SHIPS REPORTED IN THE MAY 89 ISSUE:

HMS BIRMINGHAM	GQEN
HMS LIVERPOOL	GZIS
HMCS MARGAREE	CGNJ
HMCS SAGUENAY	CZFX
EXXON CHARLESTON	WBVY

The BIRMINGHAM and LIVERPOOL are British Royal Navy Destroyers, while the MARGAREE and SAGUENAY are Canadian Naval Frigates. The HMCS OJIBWA, also reported that month, is an old diesel submarine commissioned by the Canadian Navy in 1965. (Tnx Rick Matthew, VE7BFB)

KLINGENFUSS' NEW "GUIDE TO FACSIMILE STATIONS, NINTH EDITION" has recently been released. It is typical Klingenfuss: 7 pages of frequency list out of 318 total pages, and most of these frequencies are already included in his "Guide to Utility Stations, 7th Ed." So, what does the other 97.2% of the book hold in store for us? Probably the most useful part of the book is the schedule section, sorted by country and showing station ID and QTH, start times, transmission details and parameters, and operating frequencies. Klingenfuss also includes short items on equipment, technical details of FAX transmitting principles, descriptions of satellite WEFAX reception techniques, etc... Very useful and interesting, indeed. The bulk of the book, however, is little more than a collection of the author's own FAX DXing efforts (surely not the best way to keep the price down on this side of the Atlantic). All in all, it's probably a wise addition to the library of any serious FAX enthusiast. It's available from several US SWL/Amateur dealers or from Klingenfuss Publications, Hagenloher Str. 14, D-7400 Tuebingen, West Germany.

AND SPEAKING OF FAX, UNIVERSAL HAS introduced a new demodulator, the M-800. I don't have the specs in front of me at the moment, but as I recall it does FAX (printer only, no video), as well as Baudot RTTY and SITOR. Price is unknown to me at this time. I'll try to have more on this in a later issue.

...AND CONGRATS TO CHRIS MERCHANT for being presented with ARRL's 1st Worked All State (WAS) Award on the new 17 Meter band. Fine Business!

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Tom Redden - Cincinnati, OH (TS-440S)

Oh, Nol 10 lines left to go..... Time for more of the dreaded small talk:

I changed the type font to Geneva 9 point. The last few issues looked like death, so I hope this will be more legible. I've had a couple of complaints about the size of the type, but if I go any bigger nothing will fit on one line. That too is why I've been reluctant to also list the day and date of each logging, as has been suggested by a couple people. I'm also trying to use the Remarks column more conservatively than some people might prefer. I personally am not a great fan of the extended remarks found in some publications. To me the most valuable part of a logging is Frequency, Call, QTH and Mode; details of a specific transmission I feel are of less importance, since no two transmissions are ever going to be the same. My goal is to include enough information to help someone ID a station, and at the same time conserve space. Comments on this, or anything else regarding the column and how it may be improved, are always welcome.

73 till August do

Paul 39

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