

# DX

JUNE, 1989

VOLUME 19, NUMBER 6

DX Target: Radio Gulf  
A Look At Broadcasting In Papua New Guinea  
By

Richard A. D'Angelo

## About The Country

Papua New Guinea is located in the South Pacific Ocean, north of Australia. It consists of part of the island of New Guinea plus a chain of tropical islands that extend more than 1,600 kilometers. About 4 million people, speaking more than 700 languages, live on a total land area of 462,840 square kilometers. The eastern half of the island of New Guinea makes up most of the country.

## Gulf Province

Radio Gulf is located in Kerema, Gulf Province. There are about nineteen different languages spoken in this province which has a population of more than 64,000 people. Gulf Province is a land mass of approximately 34,500 square kilometers with an average resident population density of less than two people per square kilometer. The province has a hot and humid climate with an average of over 80 inches of rainfall annually. The southern part of the province is covered with swamps while the northern part is mountainous.

## The Station

Radio Gulf is one of nineteen provincial radio stations operated by the National Broadcasting Commission ("NBC") of Papua New Guinea. The NBC is a statutory body owned by the government of Papua New Guinea. Radio Gulf is located in the provincial capital of Kerema which is located southwest of Port Moresby.

Radio Gulf operates on a frequency of 3,245 kHz in the 90 meter band with an output of 10 kilowatts. The transmitter is of Japanese manufacture and was commissioned in 1986. The station begins its broadcast day at 2000 UTC and closes down at 2200 UTC. The evening transmission begins at 0700 UTC and currently closes down for the day at 1300 UTC. Later this year Station Manager Mark Auhova expects to return to their normal 1400 UTC sign-off. The station maintains a staff of twenty but expects to increase staff in the near future. They broadcast news bulletins in three languages but use English and Motu for most other programs. Radio Gulf broadcasts a variety of programs including News, Extension Talks (geared toward improving the life style of the local people), modern and local music shows, and Service Messages. These messages are from listeners and are broadcast to relatives and friends free of charge. The most frequent topics include death notices, pick ups at the local airport, or notices in remote areas about government officials plans to visit those areas. The two-fold objectives of any Provincial Radio Station is to foster national unity and revive the country's cultural heritage.

Like most Papua New Guinea broadcasters, Radio Gulf is an extremely good verifier. Good, accurate reception reports usually receive a personal letter reply in 60-90 days from V/S Mark Auhova. Reports in English with mint stamps as return postage can be sent to:

Radio Gulf  
P.O. Box 36  
Kerema, Gulf Province  
Papua New Guinea

On the east coast look for Radio Gulf in the fall around 1100-1200 UTC. Send your Radio Gulf logs to Bill Westenhaver (Asia/Oceania Editor) and those QSL's to Ray Forsgren (QSL Report Editor).

Good luck with this DX Target.

**THE DX MAGAZINE FOR ACTIVE SWLS**

# Spotlight on...

## SPEEDX SPOTLIGHTS\*

JUNE 1989



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

TOTAL CONTRIBUTORS: 84

1	ABNER, MIKE	MD R7A	1	KRIST, KRAIB	VA FR87700
1	ALEXANDER, BRIAN	PA FR87700	6	KUNKEL, ROLAN	CA DX440
1	ALEXANDER, RODNEY	IA IC-R70	1	KUSALIK, EDWARD	AB FR87000
4	ALLRED, BRENT	EC ICF2010	1	LAAB, ROBERT	CA
1	BATTLES, WILLIAM	NH IC-R71A	1	LANG, LOIS	FL
1	BERHENT, DONALD	OH NR0525	3	LANBLOIS, HAROLD	FL
5	BERRI, JASON	CA R2000	4	LEADER, PATRICK	IR D2615
1	BLAIR, ARTHUR	CA NR0515	4	LEVIGON, HAROLD	PA IC-R70
3	BLIGHT, WILLIAM	MD FR88800	1	LIFANG, CHEN	CH
1	BROWN, BOB	PA	3	LOE, DAVID	OH
8	BROWN III, EDWARD	IL ICF6000W	1	MAHLING, DIRK	MA ICF7600D
6	CADORETTE, NORMAN	MA IC-R70	1	MASAMUNE, ATSUSHI	JP NR0525
2	CALLIGAN, MICHAEL	CA ICF2010	8	MATSUSHITA, YUKIMASA	JP RF2200
4	CARD, PETER	RI NR0515	7	MILLER, WILLIAM	CA DX400
1	CARSON, JOHN	OK SPR4	1	NEFF, GEORGE	FL ICF4000
7	CICHOREK, ED	NJ FR88800	2	O'CONNOR, PATRICK	NH IC-R71A
1	CONWAY, PETER	UK T89308	1	PADULA, BOB	AU
5	D'ANGELO, RICHARD	PA NC190	1	PASANO, FRANK	DC NR0525
3	DILLON, PETER	GR DX400	1	PALINKAS, JOHN	OH R5000
2	ECKERT, JOHN	PA R5000	2	PFEIFLE, KEVIN	NY FR88800
3	EHLY, STEWART	IA IC-R71A	1	QUAGLIERI, AL	NY EC958/3
3	EVANS, JAMES	TN IC-R71A	1	RADTKE, CARL	CA SPR4
6	FAMULARO, RALPH	JP ICF6000A	1	ROACH, TOM	CA NR0525
2	FISHER, JOHN	MA	2	ROBINSON, BETSY	TN ICF2010
2	FLYNN, BILL	CA	1	ROCKER, RAYMOND	MS FT7576X
4	FRASER, BOB	MA XCR30	4	ROGERS, JOHN	MA
6	GEARS, GARY	IL IC-R71A	3	ROSS-MUTT, JAMES	JP
1	GEORGE, NELSON	NC IC-R71A	2	SAARIKKO, LARRY	NY
4	GEORGE, STEVE	MA R5000	1	SABLE, THOMAS	PA TS4306
2	GERSTNER, JOHN	FL DX1000	1	SAMPSON, DANIEL	WI FR87700
2	GORDON, ANDREW	CT NR0525	1	SANNIKOV, IGOR	UR
1	HANSON, JEFFREY	WA	1	SHEEDY, DAN	CA
1	HOMELL, JOE	CA	4	THORNTON, DON	NJ
1	HUFFAKER, CARL	MX HOMEBREW	5	TREBCHER, FRED	PA FR87700
2	JANUSZ, EDWARD	NJ ICF2010	1	TUNICK, HOWARD	CT ICF-8W15
1	JOHNSON, DAVID	ID FR87700	3	VALENTINE, F.A.	CA IC-R70
1	JONES, BRIAN	TX IC-R70	3	WAKEFIELD, PAUL	IA ICF2010
5	JONES, DAVID	TN FR88800	1	WALLACE, ANDREW	MA
1	KERRIBAN, PATRICK	IL R1000	1	WEBER, DONALD	OH R2000
3	KLINE, JAMES	CA FR88800	7	WESTENHAVER, WILLIAM	PQ ICF6500W
1	KLINGENFUSS, JOERG	SM ICF2010	1	WILLERS, BASEL	SW
2	KORINEK, VASHEK	RA	1	WRIGHT, PHILIP	MB DX400

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

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
AFRICA(LAST 3 MONTHS) / UTILITIES

### COMMENTS...WORDS OF WIT...ETC...

Paul Lannuier, our esteemed Utilities editor says, "A new accelerator card for my Apple ][ GS has got the computer running at double the speed. Unfortunately, I'm running only half as fast, so it breaks even!" As yes, I know the feeling well Paul <grin>.

Bruce MacGibbon, editor of our "Continuous Tuning" column (hmm...did I call it "DX Spread" somewhere?) writes to say he's been spending a lot of time coaching his 10 year old son in little league since his son's coach does seem to do much of it himself! Now that sounds familiar too! I've got a 7 year old son in soccer and...

ANARC NEWS Now this is excellent, and a *must have* for those of you seriously into the radio hobby. With all of the talk the past few years about what is and isn't legal to listen to, the fighting that's been going on in congress between the cellular lobbies and ANARC, etc., this book's time has come. What am I talking about? It's called the ANARC Guide to U.S. Monitoring Laws and was just recently released by ANARC for sale to the public. The book was compiled by Frank Terranella, ANARC's legal counsel, and is being sold for \$7.50. It's a 40-page, 8.5" x 11" paperback book and is the only current anthology of state scanner laws in print. In addition to federal laws, including the ECPA, it covers laws in the states of CA, FL, IN, KY, MI, MN, NE, NJ, NY, ND, OK, SD, TN & VT. An easy to understand analysis accompanies the full text of the law. To order, send \$7.50 to ANARC Publications, P.O. Box 462, Northfield, MN 55057. I've got a copy and it's excellent!

I'LL BET YOU THOUGHT I FORGOT...DIDN'T YOU? Well, how could I forget our new and returning contributors and new full members for the month of June? Easy, right! Hi... Nah...I've got the poop right here, and here we go...

We only have one new full member this month, and he is...

PHILIP HARDER.....CO

Welcome aboard Philip, and remember, you are now qualified to vote in the upcoming election for SPEEDX BOD. as well as to make, or be nominated, for one of the positions opening up. Thanks for your support, and keep up the good work!

Our new and rejoining contributors list is extremely interesting this month. Take a look and you'll see why...

MIKE AGNER.....FL	VASHEK KORINEK..REP OF S. AFRICA
MICHAEL CALLIGAN.....CA	BOB PADULA.....AUSTRALIA
LOIS LANG.....FL	JOHN PALINKAS.....OH
CHEN LIFANG.....CHINA	IGOR SANNIKOV.....USSR
DAVID LOE.....OH	DAN SHEEDY.....CA
DIRK MAHLING.....MA	BASEL WILLERS.....SWITZERLAND

What a fascinating list of new and rejoining contributors this month. First, a welcome back to Mike Agner, Dan Sheedy and Lois Lang, who, if my memory serves me correctly, are all former SPEEDX contributors. Second, a very special hello to Chen Lifang of the Beijing English Section, Bob Padula of Australia, Igor Sannikov from Novoviatsk, USSR, and Basel Willers of Switzerland. SPEEDX truly is an international club, so a hearty welcome to those of you from overseas, and thanks so much for your support. We all know the costs are higher for those of you overseas, and we sure do appreciate the input received from all of you. For those of you above that I didn't single out, welcome too to SPEEDX, and please continue to support the best SW club around.

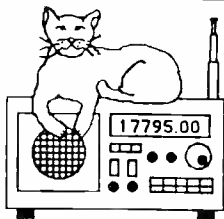
THE CONTINUING SAGE OF THE ALTAIR 8800 (do you really care???) AND NOW IT'S ON TO THE ELECTIONS.....

Well....the sucker is still working <grin>. As you know, we are fast approaching another election for the SPEEDX Board of Directors. So, the old computer must decide who is and who is not a full member. I think we've done that and if you have any questions about whether you are a full member or if someone you'd like to nominate is a full member, then drop me a letter with a SASE and I'll give you the answers.

If you've ever thought about being a part of the *most democratically run club around*, then get your nomination in *today!* You can have someone else nominate you or you can do it yourself...don't be bashful!

FINALLY, WALTER HARLAND OF ENGLAND writes to say that if any SPEEDX member plans on coming to England this year, to please drop him a line, stop in, and say hello. His address is Walter E. Harland, 192 Oak St., Abingdon, Oxford, ENGLAND OX14 5DR. You can also call him at 0235-22387. Don't forget your country code first when dialing!

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



# DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

Hi. Is it June already?

## T H E S P E E D X P O L L

### 1. FAVORITE INTERNATIONAL BROADCAST STATIONS

The BBC (21 votes); Radio Australia (19 votes); Radio Netherlands (18 votes); Radio Canada Int'l (15); Radio RSA (7); and HCJB and the Voice of Turkey (5 each). 32 other stations got at least one vote.

Congratulations to SPEEDX's--and the world's--favorite radio station!

### 2. FAVORITE TROPICAL STATIONS

Africa #1 (7 votes); GBC-Ghana (6); Radio Quito and Radio Nigeria (5 each) led the 55 (1) stations which got support in this category. (These 55 included 27 Latins, 15 Africans, and 12 from A/O land. One happy camper voted for Radio Tristan International --I like your spirit, and pass me 1 of those beers!)

### 3. FAVORITE STATIONS FOR MUSIC

Africa #1 (11 votes); KUSW and WRNO (7 votes each); and the Voice of Turkey (6 votes) led a total of 49 stations. Congratulations to Africa #1, a double winner!

### 4. BEST REGIONAL/LOCAL NEWS COVERAGE

Radio Australia (12 votes): A clear winner.

### 5. INCREASED INTEREST IN THE HOST COUNTRY

The Voice of Turkey (4 votes) and Radio Korea (3). One of the most diffuse categories, as 31 voters announced 25 stations. No matter where you are, a SPEEDXer is interested in what's going on, I guess....

### 6. INCREASED SYMPATHY FOR THE HOST COUNTRY

Radio RSA (5 votes); Kol Israel (2½ votes); and 15 others. This question didn't meet with a lot of sympathy, as a number of our voters chose to leave it blank.

### 7. FAVORITE PROGRAMMES

Media Network (R. Netherlands) (11 votes); Glenn Hauser's World of Radio, and Shortwave Listener's Digest (7 each); and BBC World News (6) led so many programmes I can't even count that high.

Taken together, the various news-oriented programmes on the Beeb got at least 18 votes; but congrats to Jonathan Marks & Co. for another year of fine--and well-regarded--listening.

### 8. FAVORITE PERSONALITIES

We love Ian McFarland (14 votes).

There were a lot of half-votes and other forms of ballot-expanding going on here (the Two Bobs becoming One Bob, for instance; well, who can quarrel with "One Bob, One Vote" as a principle?). I wish I could list all our DX-friends here, but it would take about ½ a page. 73's to our friend Ian!

### 9. FAVORITE STATION STAFF

Radio Canada International (12 votes); Radio Netherlands (10); the BBC (7), HCJB (5); and 16 others with at least one vote.

No, the ballot box was not "stuffed" by our Canadian members; in fact, I'd be hard-pressed to describe this ballot box as being "stuffed" by anybody.

### 10. FAVORITE RELIGIOUS STATIONS

HCJB, with 15 votes, dominated completely in this category, although 8 other stations got votes.

A couple of people asked me if WCSN/WSHB is/are "religious" stations. They are if you choose to consider them as such, my friends. I wouldn't take it upon myself to make these decisions

for you...

But seriously, folks, the new Christian Science transmitter in South Carolina has seemed to spark noticeable enthusiasm for this institution's services. Look for WCSN/WSHB to show higher in a number of categories in future polls. And special congratulations to the good folks at HCJB!

12. STATIONS WE'D LIKE TO HEAR BETTER

R. New Zealand (7); All India Radio (6); Radio Pakistan (5); RRI-Indonesia (or "any Indonesian") (4); RAE-Argentina (3). And, count 'em, 48 others; we want to hear everything. Bill Westenhaver tells me that RAE-Argentina is still using transmitters that were built in the first Peron regime; unfortunately, there is no money, and no spare parts, to modernize this aging equipment, and RAE is more or less stuck with its handful of frequencies (which are all more or less regularly "stepped on" by other broadcasters) until the country's troubled economy is finally brighted. It's a shame, as Argentina is a fascinating place, and the RAE staff is genuinely concerned with its listeners.

11. FAVORITE COMMUNIST STATIONS (out of order, but I'm not typing this page over)

Radio Moscow (9 votes); Radio Beijing and Radio Tirana (4 each). Glasnost is good for you! Or, it's good for ratings, anyway....

13. LEAST FAVORITE STATIONS

WYFR (7½ votes); Radio Tirana (7 votes); Radio Pyongyang (6½). Well, WYFR got some votes in categories 1 and 10, so it is reaching some people. And I certainly don't mean to denigrate anybody's religion. But the issue seems to be, at least in part, WYFR's annoying habit of occupying already-filled frequencies; I know that they aren't the only ones to take more than their share of the spectrum, but, since they do most of their transmitting from Florida, our North American listeners seem to have a harder time avoiding them.

14. FAVORITE INTERVAL SIGNALS

Radio Botswana (12 votes); Radio RSA (11); Turkey, Australia, and Sweden (5 each). And mooOOOO to yooOOOOO, tooOOOOOOO....

15. FAVORITE QSL CARDS

Australia (8); Radio Japan (6); and ten others. A good year for Australia, mytes.

34 noble voters participated in this year's SPEEDX Popularity Poll (or, more precisely, 33 noble voters and 1 reprobate of a Montagist); a far better turnout than last year. My thanks to all who cast ballots. If the SPEEDX Popularity Poll is to live again, though, it will probably be as part of an ANARC-sponsored effort (that sound you just heard was Bob Horvitz knocking over his coffee--this is the first he's heard of this scheme), incorporating entries from other ANARC clubs as well, in hopes of getting a wider base.

There were two other questions (in the "individual achievements" category), but I'll have to get to them in another column.

\*

JASON GOES ON VACATION...

...so, instead of the regular "USSR" column, we have a guide to Soviet transmitter sites which he and Ralph Bowden put together. Here's your chance to tell the Starbelsks from the Sverdllovks...if you find this useful, let Jason know; maybe we can arrange for some occasional updates as new sites become known.

\*\*\*\*\*

SPEEDX SELF-PORTRAIT, by Gary Gears

I have been in radio broadcasting for about thirty years, starting in 1954, when I was ten years old, doing soap operas with my parents at a CBS O&O. I spent the next many years doing some news on the networks, and then I became one of those people DXers used to listen to and write to: A disc jockey on 50 kW clear channels here in Chicago. What I've done since 1973 is voice and act on many radio and television commercials. This is also what my company (Gears Group Productions) does: Produce and create broadcast programming for various facilities. We are now in the beginning stages of working out details for creating programs exclusively for world band radio broadcasting. In June, my wife and I will be visiting



Europe with the whole idea of checking out the various shortwave stations and their programming. We will see Radio Austria International; Swiss Radio International; Deutsche Welle; BRT; Radio Netherlands; the BBC; and possibly Radio France International. We'll be filming the entire trip, along with taking stills. If this sounds like it's a lot to do, it is! I'm combining my first vacation since 1975 (you got that right) with a bit of fun and business.

One last thing to mention: I just produced and voiced a station ID package for Superpower KUSW in Salt Lake City. You will be able to tune in at any time, day or night, and hear one of your club members hard at work (haha!). I'm looking forward to hearing my voice on shortwave radio ...it should prove interesting.

Thanks, Gary--and thanks for the kind words about SPEEDX, too. Let us know how the trip to Europe works out--sounds like that could turn out to be a very interesting project.

\*

#### WHY YOU SHOULD WRITE TO RADIO AUSTRALIA

It's budget time again...and when elected representatives have to save a few dollars, international radio services had better duck. The good folks at Radio Australia are soliciting mail from their listeners; the more mail they get from their appreciative friends, the easier it will be for them to maintain their international service at the standards to which they (and we) have become accustomed. You can write to "Radio Australia Report," c/o Radio Australia, PO Box 428-G, Melbourne 3001.

(You don't have to mention that they have cute accents. They already know that).

#### A NICE AWARD

Tom Sundstrom has won an award from the World Radio and Television Handbook for achievements in computer accessories, notably his handling of the Pinelands Bulletin Board System and his worldwide schedule databases (the broadcast database is regularly printed in FRENDX, and is also--along with a utility station database--available on disc from Gilfer. Ask for TRS Software). Congratulations, Tom!

\*\*\*\*\*

#### THE DAYTON REPORT, by Mike Schulsinger

The 1989 Dayton Hamvention was held the weekend of April 28-30 at the newly-expanded Hara Arena just north of Dayton, Ohio. While recent Hamventions have been blessed with mostly fair weather, rain was a frequent visitor to this year's convention. However, there was little effect on attendance, which again reached 30,000. For shortwave listeners, this was the first opportunity to try out two promising new receivers--the Grove SR-1000 at the Grove Enterprises booth and the Icom R-9000 at the Icom and Universal booths. These radios are not for the casual listener, as the price of the SR-1000 is presently estimated at just under \$3,000, while the R-9000's list price is in the \$5,500 range.. Those who are able to consider the R-9000 may want to wait for a peek at the Sony CRV-V21, which is expected to be available soon in the USA at around \$6,500. (Remember when you were somebody if you owned an NRD-525?)

ANARC, represented by Bob Horvitz and Dave Marshall, once again maintained a booth and hosted the Sunday morning SWL forum. It was also a pleasure to welcome Ian McFarland and Radio Canada International for their first Hamvention visit. Ian claimed to be surprised by the number of hams who, after reading his name tag, confessed to being regular SWLD listeners.

The Sunday morning SWL forum featured Bob Horvitz on the new Guide to U. S. Monitoring Laws, Bob Grove on the SR-1000 and Icom R-9000, Fred Osterman on non-voice utility modes, and a panel on the rarely-discussed topic of broadcasts directed to amateurs within the ham bands, such as the ARRL's daily WIAW transmissions.

Interest in shortwave listening must indeed be on the increase, as there was little used quality shortwave gear at the flea market. I saw a 4-year-old Uniden CR-2021 offered at \$100, which is roughly the same price that model closed out at. R-390A receivers, now over 30 years old, still command prices in the \$175-\$200 range, which says a great deal about these venerable rigs. SWLs seeking a computer for their hobby fared much better, as there was no shortage of bargains in that field.

For those who like to plan ahead, the next Dayton Hamvention is scheduled for the last weekend in April 1990. As more hams purchase transceivers with general-coverage receiver sections, interest in shortwave listening

can reasonably be expected to increase at this, and other, amateur radio gatherings.

Thanks, Mike; it's always great to hear from you. I sure hope that I can catch the next bash at Dayton--the way you describe it, it's a true "Radiofest."

\*\*\*\*\*  
AMATEUR RADIO SATELLITES, SOVIET STYLE, by Gary Froemming

For any of you who find satellite communications interesting, the Soviet systems (Radio Sputnik RS-11) are a great place to start. Since each pass comes around every 105 minutes, it takes a bit of monitoring to hear it; but when you do, it can be a real treat. Because each pass of Sputnik moves 26 degrees west of its previous pass, you should be able to hear three to five passes each day. Some passes come from north to south, and some are from south to north. Because of the complex methods of orbit calculations, I don't have the space to discuss this, but I can give you the frequencies to listen to.

You can hear the CW beacons on 29403 and 29435 kHz. (Because of the Doppler effects of the moving satellite, you may have to listen up or down 3 kHz or so.) When you hear the beacon, you know that you've run across a pass. Voice contacts can be found between 29410 and 29450 kHz (always USB). Even if your antenna isn't "cut" for the 10 meter ham band, you should be able to copy the signals quite easily, especially if the pass is more or less overhead.

All operations on the satellite are from amateur radio stations in the United States, but stations from Canada, Mexico, and South America can also be heard.

I hope you'll find this information interesting. If you would like more information on this type of radio communications, write to the American Radio Relay League, 225 Main St., Newington, CT 06111 for a list of satellite communications publications. Good luck and good DX from space!

Space is the place! Gary, thanks for all your contributions to DXM over these past few months.

\*\*\*\*\*  
MORE GOINGS-ON IN CANADA

CIDX (the Canadian International DX Club) is hosting the First Annual (admittedly, a bit of optimism) Montreal Shortwave Festival (but, knowing Sheldon, he'll get away with it) at the Royal Canadian Legion Branch #94, 205 Empire St., Greenfield Park, Quebec, on Saturday, 22 July, from 9:00 AM to 2:00 PM.

The festival continues with a social gathering (BYOB; certain edibles, including coleslaw, provided) in Sheldon's back yard. On Sunday, a number of DXers will venture out to le Stade Olympique to see the Expos beat the Reds (you heard it here first).

Hotel rooms have been reserved (the Quality Inn Hotel Le Boulevard, 6680 Taschereau, Brossard) for a special rate of CN \$65. For further details, you can write to Sheldon Harvey, 79 Kipps St., Greenfield Park, Quebec J4V 3B1. (SASE, please).

\*

AN UNCHARACTERISTIC BURST OF MODESTY, AND SOME OTHER LAST-MINUTE STUFF

Essays which appear in this column are edited when space demands, although every effort is made to present the original intent as nearly as possible. On occasion, I've endeavored to "help out" with spelling, punctuation, &c., though usually this isn't necessary. Unfortunately, vagaries in my schedule often cause me to have to wrap up this column while I'm half-asleep, recovering from philosophical discussions with Mets fans, or otherwise playing without any boxcars on my dice. The fact that I'm never the world's greatest typist, and occasionally am less than that, should not reflect upon this column's valued contributors. In other words, if it's a mistake, it's my fault.

I've received one reply to my query of a few months back, "Why XYL's Don't DX." Anybody else out there want to get into this? I'd like to run a little symposium in the near future.

The essay on the front cover is the first of a number of "special features" that will be appearing in SPEEDX over the next few months. Next month, for instance, we hope to have Andy Gordon on how to hear the U. S. Navy. So, till then...

73's, Sidie

①

# Latin Notebook



Carl Huffaker  
Domicilio Conocido  
Huasca De Ocampo  
Estado De Hidalgo  
Mexico

Al Miller asked the question as to how radio broadcasts are received in Central America, on what equipment, and how the stations keep track of their audience. He pointed out, and I'm as guilty as the rest in this, that when we visit a Latin-American station we get lost in the equipment and forget to report on the audience. It's easy to do. The Latin is automatically a host, and those in communication more so, and we seldom leave the station until it's time to move on to the next town. It takes a little getting away from radio to see how radio fits into the life of the people.

Purchasing a radio in the Third World is, as it is in the States, a matter of priorities. But the Latin loves music, moves in a world of noise I sometimes think, and his radio has a higher priority than shoes for the children, or even himself. The AM/FM cassette recorder/player is the most popular model. The Asian imports are available even in the village markets, a stall wedged in among the food, meat, cheap clothes, harness, and machetes, or among the contraband the sidewalk vendors spread along the curb. The market in Tulancingo has compact discs and videotapes mixed in among the onions, chile, and beans. Here's a lot of equipment available everywhere, but very little shortwave which may explain a station's attitude about its shortwave outlet.

Huayacocotla is rebuilding receivers for 120 meters. I failed to mention in my report that these are low-priced pocket radios, a simple modification much like the one we discussed when I visited Linares. Building audience by making receivers available is not new. Just after WW II, Sacramento opened its first FM station. To create an audience they sold a batch of FM receivers without cabinets at a price that beat war surplus.

Most electronic gear in Latin America will operate from batteries, but few use them as electrical power nets reach almost everywhere. Light was a fast, cheap way for central governments to bring modern convenience to the campesino. Unlike the States where it came first, water is yet to come. Even in fairly large places, the government only brought water into the town, and the women still carry water from a central tap, a custom that provides daily contact and exchange of gossip.

The American parallel to Latin radio exists, if it exists at all, back in the 20's when small stations began to move into the areas without radio. During the day at least, they were the only station that would come in at all well so it was not a competitive thing and they became enmeshed with and a service to the local culture. Most of Latin America is at that stage.

But there are distinct types of local areas, and of stations. I'll try to cover them in this and subsequent columns. The series is, remember, a personal opinion. I never studied communication — they didn't know the word when I was in school — I'm an ex-anthropologist, ex-geographer, at an opinionated stage in life, and living in Latin America where my poverty-level pension makes me well off.



The most primitive of the radio areas is represented by Sani Radio. Strangely, it also represented the best level of engineering, financing, programming, political ability, etc. of any of the new stations. It was the second station in Puerto Lempira, but the audience was new, Mosquito refugees from Nicaragua. They spoke an isolating language, and settled upriver in family villages each ruled by a patriarch who had complete authority. To reach this audience, the station established a cultural centers around a battery-operated radio in each village, a procedure dating back almost a half-century to the early days of "educational" radio. The tight social and political organization within the villages made this possible. Recent reports suggest, that although the station has established intercommunication, Mosquito families remain as autonomous as ever.

The avowed purpose of the station is to preserve the Mosquito culture, and the Mosquitos themselves, but they also broadcast in Spanish. Originally, and I see little difference in the present programs, this was to ease the cultural shock of foreign money flowing into what is essentially a military frontier. Like the evangelical stations in similar areas, it's a buy your own receiver sort of thing using the local language as the contact mechanism.

-----

QSL? QSL.

I've been reading several how to do it articles on QSLing the Latins. Most are correct and they do produce results, but they miss the basic point: the Latin, especially in the small town, loves to talk, but you must start the conversation. It follows the same rules as making contact at a cocktail party:

**Appearance:** You want to look conversational. Avoid report forms. They might impress an American engineer, but that's about all. The letter itself must look personal, so avoid the look of a computer-typed ad. It has to be easily legible, typed, but avoid too formal a format, and by all means, avoid dot matrix characters.

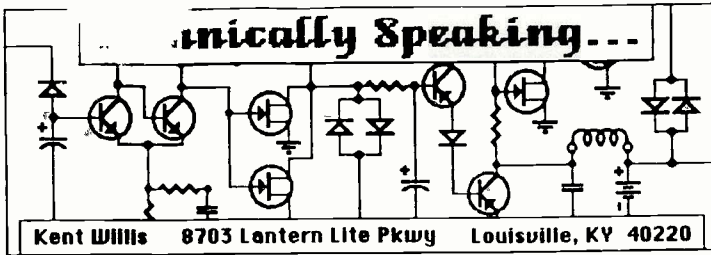
**The Gambit:** Everyone will read the first sentence so remember the basic rule of journalism, it must open the subject and it must create the desire to read more.

**The Line:** The first paragraph is the tough one. Here you must introduce yourself, state your purpose, and make the reader want to talk about himself (the station). Remember that every Latin is proud of his "tierra". It's a good subject, but do a little research first. Usually the secretary will open it, glance at the contents, and decide if it's action or the wastebasket. In most cases, you're writing to two very different people.

**A Warning:** No matter how tough the station was for you to receive, unless you're in Europe, Asia, or well north of the 45th parallel, you're not DX. That exotic title is not yours, so you must become an interesting character in your letter.

**The Result:** If you've created the desire for conversation, you'll get that QSL irregardless of policy, percentages, or past history.

75  
Carl



Welcome. I have returned to a larger font (Palatino 12 point) because of the difficulty of reading last month's column after it was reduced for printing. I have received several kind comments regarding the utility of the article on lightning protection, including an interesting letter from Mr. Larry Magne of International Broadcasting Services, Ltd. Fortunately, I heed my own advice. On May 19 at 11:30 PM, I had just unplugged my computer and my communications receivers as an intense thunderstorm swept through Louisville. A single intense bolt of lightning struck the ground 10 feet from my home office window. After I screamed, I heard several loud pops from within the house. Our power lines are all underground and significant energy from the lightning stroke was coupled into the house. The huge surge entered the north side of the house wiring and propagated southward completely throughout the house, entering every parallel branch of the AC wiring. My heat pump, stereo, an alarm clock, coffee pot and many incandescent lamps (all of which were plugged in but turned off!) were destroyed in just a matter of milliseconds before the mechanical circuit breakers could react to the surging current. Arcing between hot and neutral occurred right at the plug/outlet interfaces of the appliances that were destroyed. With a standardized distance between AC plug prongs of about 7/16 of an inch and air as the dielectric, the breakdown potential is approximately 6000 Volts. Because of the proximity and magnitude of the strike, most ordinary surge protection devices would have offered little, if any, protection. Now I get to fight with my insurance company, after I pay my deductible!

#### Principles of Audio Filtering: Part 4. Filter Transfer Functions. Continued

The four major types of filters previously mentioned are lowpass, highpass, bandpass and band-stop. Band-stop filters are also known as band-reject or notch filters. In general, a bandpass filter is really a combination of a low pass and a high pass filter. A low pass filter transmits signal energy below its cutoff frequency, while a high pass filter transmits signals above its cutoff frequency. A bandpass filter passes energy between its upper and lower cutoff frequencies. A bandstop filter passes all frequencies except (ideally) the notch or reject frequency. Another type of useful filter is the "all pass" which affects only the phase (the relationship between the voltage and current) and not the amplitude of the passing signal.

The performance of any real filter deviates from theoretical or ideal behavior. The degree of departure depends upon several variables. An ideal filter would pass 100% of the pass band energy and completely attenuate (reject) the energy outside of the passband. The slope of the curve which graphically separates the passband from the stop band would ideally be infinite and the filter would attenuate (or pass) all signals equally without any phase shift for all frequencies within the passband. The slope of the curve within the passband would be zero (flat). Such performance is physically impossible to obtain because of the nature of real inductors, capacitors and resistors. The number of poles of the transfer function has a considerable effect on the steepness of the slope of the curve of the transfer function. The steepness of the slope increases as the number of poles in the transfer function increases. Remembering what we said about the transfer function (which is nothing more than a ratio of two polynomials) and what we learned about division by zero in primary school, we can understand the origins of the terms "poles and zeroes". A "zero" of a transfer function would be a number (which corresponds to some frequency) that would make the numerator of the transfer function polynomial equal to zero. A "pole" is some number which cause the polynomial denominator to equal zero. Division by zero isn't meaningless, it's simply undefined in

elementary mathematics. In higher mathematics, this nebulous procedure becomes more philosophical than mathematical. Without further explanation, the reason for the term "pole" stems from the nature of the "complex frequency domain" and projections from the surface of a plane within this domain which would appear as tentpole-like structures which would extend to infinity (the ultimate in three-ring circus "big tops"-hi!) if we tried to graph the transfer function in three dimensions.

How do we generate the transfer function? If we had an existing filter, we could apply some of the analytical techniques of electrical engineering to relate "what goes in" to "what comes out" of the filter. The output "divided" by the input is our transfer function. From this function we can infer the behavior of the filter. If we were trying to design a filter for a specific application, we would apply the much more complex techniques of circuit "synthesis". It is usually more difficult to synthesize than analyze. Synthesis techniques will often indicate that the desired solution is not unique, i.e., there are many different connections of resistors, capacitors and inductors which will provide an acceptable circuit. Which of the many possibilities we choose is driven by other constraints, including cost and size of the finished product as well as the need to pass or block direct current (DC) signals into or out of the filter.

The numerical values for the poles and zeroes correspond to "break" frequencies where something "interesting" occurs in the graphical plot of the transfer function. Changes in attenuation and phase of the passing signal occur at these break frequencies. The "order" of the filter refers to the number of energy storage devices (capacitors and inductors) in the network. For example, a third-order filter will contain 3 capacitors or 3 inductors or any other combination of these 2 components. The greater the number of energy storage devices, the steeper the slope of the attenuation curve for frequencies outside of the passband. An upper practical limit on the number of poles in a filter is about 12 or 13. Filters with a greater number of poles are difficult to design and control. The component values tend to drift from their original values due to environmental and aging effects which can seriously degrade (or render useless) the performance of such a filter.

Two types of filters typically encountered are "Chebyshev" and "Butterworth". The names arise from their inventors and refer to the mathematical nature of the transfer function polynomial. Butterworth and Chebyshev filters have transfer functions which contain only poles. The major difference between them is the nature of the amplitude curve within and beyond the passband. Chebyshev filters exhibit "equal passband ripple", i.e., the amplitude of the response within the passband is not constant but varies predictably. The Butterworth filter has a smooth amplitude response within the passband. The Chebyshev filter has a greater degree of attenuation outside the passband than an equivalent Butterworth. In other words, a Chebyshev filter behaves more like an ideal filter outside of the passband and a Butterworth filter behaves more like an ideal filter inside the passband. Which of the two is more appropriate for a particular application depends upon the sensitivity of the circuit to departure from ideal behavior.

Modern filter design has been simplified due to the introduction of the ubiquitous operational amplifier. The operational amplifier is the quintessential solid state building block and foundation of modern analog circuitry. State of the art operational amplifiers behave very much like their theoretical models and for this reason analysis, design and construction of high performance filters is greatly facilitated because we are permitted to make many simplifying assumptions before we begin. We stated earlier that filters composed of real inductors, capacitors and resistors do not always behave as we would like. Connection of these non-ideal components to the virtually-ideal operational amplifier minimizes the detrimental side effects due to deviation from ideal behavior. Operational amplifiers are also very inexpensive; they cost only pennies in large quantities. High performance filters can now be constructed for a fraction of the cost of an equivalent filter before the manifestation of the "op-amp". Consequently, imported portable shortwave receivers can now provide acceptable performance at low cost. If you think that many modern portable receivers have inferior performance, remember how things used to be? If you don't, ask a "senior" shortwave hobbyist. I'm too young to remember - hi!

Next month we will change the subject and return to audio filtering in July.

73's and "may the noise be without you",

KENT.

# CONTINUOUS TUNING

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

JUNE 1989

Deadline is the 12th of the month

**AFGHANISTAN** - Radio Afghanistan has been noted to be using 4940 ex 4760 from around 13-1930. Voice of Homeland is aired on this outlet from 1430-17. This probably the channel 2 Home Service and is probably used for other languages, which were aried over 4450 before switching to 4760 at the end of 1988. Kabul's regularly heard domestic frequencies are 3965, 4740, 4775, and 17200 listed to operate 0130 to 1930. Voice of Homeland Kabul (Pashto: Do vatan gazd, Kabul) 0130-0230 is on 6125 (strong) and 4775 (feeble signal) (Supratik Sanatani, Aligarh, India via OZ DX #43, May 89)

**ALBANIA** - Radio Tirana EE broadcasts easily heard by William Blight, M.: 2330 9440; 0230 9500; 0330 9500 (Thanks for telephone call!)

**AUSTRALIA** - Radio Australia announced on 5/17 they are currently testing on 6020 Brandon site from 08-14 & 20-21. Also testing on 11770 to Fiji, Cook Islands, Tonga, and Western Samoa. Would like feedback on reception. (bmm) 6020, 1130, R. Australia, Brandon, Testing from Brandon site. Asking for reception reports. Johnny Mathis singing "Chances Are". Very good signal. (Melvin Gorr, WI). Melvin writes that on "Communicator" Program Sunday 4/23 talking about Brandon site and that they were back on the air and requesting reception reports.

**CHINA** - Radio Beijing Pub EE Sked from 5/8: Note: Relay sites assumed. ECNA: 0000-01 15130(M), 17715(M), 17855; 03-04 9690(S), 11715(M), 15130(M); 34-05 11685(F), 11840(C); 11-12 & 12-13 17855. WCNA: 03-04 9690(S), 11715(M), 15130(M), 17855(B); 04-05 11685(F), 11840(C), 15195; 13-15 11855; South Pacific: 0830-0930 & 0930-1030 17710, 11755, 15440; 12-13 15450, 11600; 13-14 11600. SE Asia: 1341, 15400, 11660; 13-14 1341, 15400, 11660; S. Asia: 14-15 & 15-16 11795, 15165. E&S.Africa: 16-17 9570, 11715(M), 15110(M); 17-18 11575, 15165, 9570; 20-21 11715(M). W&N.Africa: 19-20 11515, 9440; 20-21 9440, 15110(M). Europe: 20-21 & 21-22 11500, 9820; 21-2130 3985(Switzerland). C=Canada, F=French Guiana, M=Mali, S=Spain.

**June Highlights of Radio Beijing:** China Anthology: 1851 saw the outbreak of the largest peasant uprisings in China---the Taiping Revolution which Hong Xiuquan led against the imperial powers of the Qing Dynasty. The rebels established "The Taiping Heavenly Kingdom" with Nanjing as its capital. The revolution spread to 18 provinces in China and lasted for 14 years shaking the rule of the Qing Dynasty and dealing severe blows to foreign aggressors. On the 4th of June, "China Anthology" will mark the 125th anniversary of the death of Hong Xiuquan with a program about this brilliant peasant revolutionary leader.

**Listeners' Letterbox:** China is one of the largest countries in the world and the habitat of numerous plants and animals. In our "Listeners' Letterbox" program on June 11th, we will describe some of the rich flora and fauna of this extensive country. On June 18th, "Listeners' Letterbox" will talk about the history of mathematics in China and some of its outstanding mathematicians.

**Music from China:** On June 3rd, "Music from China" will have a profile of Yan Weifen, who has distinguished himself in singing competitions in China. The program tells how this former dancer successfully switched careers to become a singer.

**Music Album:** "Music Album" in June will start a series on some of China's best known children's performing troupes. The first edition on June 4th features the Chinese Folk Instrumental Orchestra of the China Children's Centre in Beijing.

**Travel Talk:** Beijing, the capital of the People's Republic of China, attracts tourists from all over the world with its long history rich historical relics and brilliant ancient architecture. The Forbidden City, the Summer Palace and the Ming Tombs are the most commonly visited places, but this time, "Travel Talk" will show you around some new tourist attractions in Huairou, a suburban county to the northeast of Beijing.

CHINA (Continued)

Join us for this armchair tour of the newly renovated Great Wall at Mutianyu, the picturesque Yanzi lake and the ancient Red snail temple. Our tour starts on June the 3rd with Radio Beijing's regular feature "Travel Talk." Radio Beijing's Regular Features (following the news, commentaries, \*Current Affairs): Sun: China Anthology, Music Album, Listeners' Letterbox. Mon: The Business Show (Biweekly), Learn to Speak Chinese. Tue: Listeners' Letterbox (rebroadcast). Wed: Learn to Speak Chinese (rebroadcast). Thu: Culture in China. Fri: In the Third World. Sat: Travel Talk, Cooking Show, Music from China. \*Current Affairs is Radio Beijing's newly inaugurated daily program (Mon-Fri.), presenting an in-depth look at major news and feature stories across China.

Competition for the 40th anniversary celebrations of China:

October 1, 1989 will be the 40th anniversary of new China. To mark the occasion, Radio Beijing is organizing a quiz called "knowledge about 40 years of new China". The quiz is split into 10 sections with questions about different aspects of China. You will be able to answer them all if you listen to our "Listeners Letterbox" programme, which is broadcast every Sunday and repeated on Tuesdays. From June, the programme will provide the clues you need to complete the quiz.

The first and second prize winners will be chosen according to how many correct answers they gave, and all the participants will receive a special Radio Beijing souvenir. The deadline for entries is October 31. So here are the questions.

1. When was the founding of the People's Republic of China proclaimed, and by who? Name the current Chinese communist party chairman and the country's premier?
2. What is the total land area of China? How many provinces does China have? Name the five autonomous regions? What is the name of China's newest province.
3. What is the population of China? How many minority nationalities live in China?
4. How many countries have established diplomatic relations with China? When and where was the latest Sino-Soviet summit held?
5. When did China begin to carry out reforms and its policy of opening to the outside world? How many special economic zones has China established?
6. What were the four major inventions of ancient China? Where is China's present day satellite launching base?
7. What is the most popular traditional Chinese physical exercise? Which international games will take place in China in 1990?
8. When was Radio Beijing's first broadcast? How many languages does Radio Beijing broadcast in now?
9. When will Hongkong be returned to China?
10. Which emperor first unified China? Who was the last emperor?

Those were the questions. Remember, the deadline for entries is October 31. We hope you join in the competition. Good luck! (via Chen Lifang, Audience Relations, English Dept, Radio Beijing)

DENMARK - Final Radio Denmark Sked to 9/3: 09-0952 Japan 25850; 10-1052 Greenland 15165; 11-1152 S. Eur, 12-1252 Australia/Far East, 13-1352 E. Asia, 14-1452 India on 25850; 15-1552 ME 15165; 1630-1730 Greenland 25850; 18-1852 ME/Afr, 19-1952 Eur/Afr, 20-2052 Greenland/Eur, and 21-2152 Australia on 25850; 22-2252 SAM, 23-2352 ECNA, 0000-0052 Caribbean, 01-0152 WCNA on 15165. (via ARDXC's 'The DX Press' Shortwave Station News 4/26 compiled by Bob Padula and Mick Ogrizek)

FEDERAL REPUBLIC OF GERMANY - Via May/June R. Deutsche Welle's "Tune-In" Pub, the EE Sked is: NA: 01-0150 6040, 6085, 6145, 9656, 9735, 11865, 15105; S. Asia: 02-0250 1548, 7285, 9615, 9690, 11835, 11945, 15235, 17770; NA: 03-0350 6085, 9545, 9605, 11810, 15205; East Central & S. Afr: 04-0450 7150, 7225, 9565, 9765, 11765 & to NA on 15265. NA: 05-0550 5960, 6130, 9670, 9780, 11705, 11845. West Afr: 06-0650 11765, 13790, 15185, 17875. Asia & the Pacific: 09-0950 6160, 11945, 17780, 17875, 21650 (also S. Asia), 21680 (also S. Asia). East Central & Southern Afr: 09-0950 9650, 11785, 21600. West Afr: 11-1150 15410, 17765, 17800, 21600. East Central & S. Afr: 15-1550 9735, 11965, 17810, 21600. S. Asia: 16-1650 1548, 6170, 7225, 15105, 15595, 17825, 21680. West Afr: 19-1950 11785, 11810, 13790, 15390, 17810. Asia and the Pacific: 21-2150 9670, 9765 (also S. Asia), 11785, 15435.

FINLAND - R. Finland Pub Sked 3/26-9/23: Eur, ME, Africa: 0630 Daily 11755, 9560, 6120; 1405 Daily 17800, 15185, 11925; 1830-



Daily 15185, 11755, 9550; 21 11755, 6120. N&SAm: 0230-0257 15185, 11755;  
NA: 11-1115, 12-1215, 13-1315 M-F 21550, 15400; Sat & Sun 13-14 on 21550,  
15400; Australia, S&E Asia: 08-0815 Daily 21550, 17795; 0830-0845 Daily  
except Sunday 0830-0855 17795, 15245; 21-2125 11945, 11755. (via Eric  
Swedberg, OR & Fred Treacher, PA)

FRANCE - R. France EE Programs to 9/24: 0315 - News and features for  
southern USA, Central America, the Caribbean, the ME, Central & E. Africa  
and the Indian Ocean Zone on 3965, 7135 (Moyabi), 7280, 9745, 9790, 11670,  
11700, 11790 and to 9/3 15135, 15155, 15300. 1245-News and features for  
the ECNA, Central America, the Caribbean and eastern Europe on 9805,  
11670, 17720, 21635, 21645. 1400 -News and features for SE Asia to 9/3 on  
21780. 1600 - News and Features for Africa, the ME and Eur on 6175,  
11705, 11705 (Moyabi), 15360 (Printed Sked said 15630, correction per Sweden  
Calling DXers 5/17) 17620, 17795. (Direct) Excerpts of interview with head  
of RFI's EE Language Section with Jonathan Marks on Radio Nederland's  
Media Network Program on 5/12: RFI: Well, we have several new things going  
for us right now. We've just increased by 45% our program to Eastern  
Europe in Russian, Romanian, and Polish and Serbo-Croat. We have 8 hrs  
daily of programs now in languages other than French to Eastern Europe  
instead of 5 hrs 30, and in EF to Eastern Europe, we're now broadcasting  
19 hrs a day instead of 15 hrs a day. We've also started a new program in  
English to SE Asia notably to India from 16-1630 daily 13 meters at 21780.  
(Ed. Sounded like he said 16 but they are on at 14) and I can go on and  
on. We have other things as well, for instance, since April 1st, we have a  
new arrangement with the NHK, the Radio of Japan. They are relaying for  
us 6 hrs per day of programs in French to Korea, China, Vietnam, Cambodia  
and Laos and still in Japan, we have an arrangement with the cable TV of  
Tokyo. The CTT, who are now broadcasting 24 hrs per day of RFI in French  
and we have a new telephone news service in Tokyo, a 3 minute news  
broadcast everyday that anybody in Tokyo can call. They pay for the call  
plus 10 yen of a special charge. Then their's the G Wave FM Radio Station  
in Tokyo which is now broadcasting a program that we produce here of a 1/2  
hr per day of European music plus news. JM: Is that in English? RFI:  
No, that's in French. French songs and other European songs. Then  
their's a French voice and a Japanese announcer with a voice over.  
Beginning in August, we will be improving our broadcast to Africa by the  
use of a 5th transmitter at Moyabi in Gabon which will provide us with 30  
hrs, 30 freq hrs a day. In other words, we will be able to use additional  
freqs for 30 hrs a day more in various languages, in French, English, and  
Portuguese and we're also renting 7 freq hrs per day on Afrique #1. So  
it's a total of 37 freq hrs per day towards Africa that we will be adding  
to our capacity. JM: I understand, too, that there is an idea to split  
the French Service to Africa into two services. RFI: Not exactly just the  
French service. What we're thinking of doing hasn't been decided yet.  
It's still in the project stage. We're thinking about creating what we  
call an RFI No. 2 in which for several hrs a day we will broadcast special  
programs to Africa in English, in Portuguese, and in French. An hr in  
English, an hr in Portuguese and I think it's 5 hrs as things now stand in  
French. JM: When will that start? RFI: We don't have a start-up date yet.  
Probably towards the end of the year. 21780, 1403, RFI, EE under  
WCSN on 5/13 (bmm)

GUAM - AWR Asia/KSDA Sked 5/7-9/24: 0000 EE 15125 & Mandarin 15225; 01  
Burmese 15125 & Mandarin 15225; 02 EE\* 11700 & 15225 Mandarin\*; 03  
Mandarin# 11700 & Mandarin\* 15225; 04-08 Mandarin\* 15225, 11700; 09  
Mandarin# 11700 & Mandarin 11980; 10 EE 13720 & Mandarin 11980; 11 Indo  
13720 & Mandarin 11980; 12 Filipino(1) 13720 & Mandarin 11980; 13 KK  
13720, JJ 11980; 14 Burmese 13720, Mandarin 11980; 15 Indian(2) 13720,  
Mandarin 11980; 16 Indian(3) 13720, EE 11980; 17 S/Off; 20 KK 13720,  
Mandarin 15225; 21 JJ 15310, Mandarin 15225; 22 Indo 15125, Mandarin 15225  
23 EE 15125, Mandarin 15225. \*=Broadcasts Sat & Sun only on these freqs.  
#-Cantonese & Shanghainese on Sat & Sun only. 1=Sat, Tue, Fri--Tagalog;  
Sun, Thu--Ilonggo; Mon, Wed--Cebuano. 2=Sun, Wed, Sat--Tamil; Mon, Thu--  
Malayalam; Tue, Fri--Marathi. 3=Sun, Tue, Thur, Sat--Hindi; Mon, Wed,  
Fri--Telugu. (Direct & also thank you to Anne Case of George Jacob's &  
Associates, Inc for operating schedule). KTHW's announced EE Sked from  
5/7: Australia: 0930-11 11805; Far East: 0805-0930 15210; India: 15-1635  
except on Monday 15-1705 11650. (bmm)

INDIA - 17387, 1020, AIR, EE, M announcer introduces traditional Indian  
vocals, UTC time check//fair 15155 and 17740NF (fair+) on 5/4 (Ralph  
Famularo, Japan)

IRAQ - 13660NF, 2057-2150\*, R. Baghdad, EE, W w/Orchestral music program. 32147 W giving sked but couldn't copy due to sudden burst of noise. 02148 W w/address and NA 2149-2150 but open carrier to 2215\* on 5/9 & on 5/15 EE broadcast from \*1954. (bmm)

KOREA - Radio Korea's announced EE Sked on 5/13: Eur: 08 7550, 13670; 18 15575; 2030 6480, 15575. American: 06 11830, 9570; 14 9750, 15575; 2330 15575. ME/Afr: 11 15575; 16 9870; 2030 7550. SE Asia: 14 9570; General Service: 06 7275; 16 5975. (bmm) & via Peggy Thompson, CA: Re: Radio Korea - The following are the topics for the June and July editions of our Friday show, Listeners Forum, a program for discussion based on the listeners' opinions and views about a designated subject. The first two programs in June (June 2nd and 9th) will focus on your accounts of the 'place' you live. Every village or province of every country in the world has its own unique tradition and customs that attract the attention of the people living in other countries.

One human custom that has developed into a most delicate and extravagant feature is a marriage or wedding, perhaps the highlights of the lives of both men and women. In our program on June 16th, 23rd and 30th, we are going to look at different customs and traditions related to marriage and weddings.

The topic for the first two weeks of July (July 7th and 14th) is about your profession and your views about what you are doing in general. There are billions of types of jobs and professions in the world, and we think it would be interesting to discuss in what diverse ways people are leading their life in all corners of the globe.

Divorce is an all-time topic for hot debate. It used to be that divorce was a serious problem only in advanced western countries. But, no longer so. In Korea, too, statistics show increasing cases of unsuccessful chronic problems facing this world of love and hate.

MONGOLIA - 15305, \*1445-1515\*, Radio Ulan Bator, EE, IS, ID & Sked w/M, News w/freq in 25MB not heard. (EE Sked per WRTH-Weekdays Only) But per announcement starting 5/8 to be extended to weekends and also per announcement by M, request made for letters. 1515\* on 5/6 (Saturday) (Virgil Carlson, WA)

NORTHERN MARIANAS - KYOI Final Operating Sked 5/7-9/24: 18-22 9455; 22-02 15405; 02-08 17780; 08-16 9530#. #=Subject to coordination with the Peoples' Republic of China. (via Anne Case of George Jacobs & Assoc, Inc.)

NORWAY - RNI's EE Sked 5/7-9/2: (Sundays Only) 0600 ME 21725, Pacific 15165; 08 Australia 21730, 15165; 09 Far East, New Zealand, Australia 17840; 12 NA 15325; 13 Eur 9590; 14 S.Asia/Australia 21705; 16 N&CAM 17780, NA 15310; 17 W.Afr 25730, NA 17780; 18 E.Afr 21730; 19 Eur 15220; 22 SAM 25730; N&CAM 15190; 24 SAM 11845RNI's Norwegian Sked 5/7-9/9: Daily except Sunday: 0000 S. Asia/Australia 15230, 15180, SAM 11845; 01 SAM 15310, NA 11850; 02 NA 11850; 9560; 03 NA 15310, 11850; 04 ME 17840, E.Afr 15175, NA 15310, 11760; 05 NA/Pacific 15310, 15165; 06 ME 21725, E.Afr 25730, Pacific 15165; 07 Eur 9590, Africa/New Zealand 21705; Australia/New Zealand 21730; 08 Australia 21730; 10 Australia 21705, New Zealand 17840; 11 SAM 25730, 17780; 12 NA 17780, 15325; 13 Eur 9590, NA 17840, Far East 17780, S.Asia/Australia 21705; 14 NA 21705, 17840, S. Asia/Australia 21705; 15 NA 17780, 15310; 16 ME 15265, NA 17780, 15310; 17 Eur 9665, NA 17780, W. Afr 25730; 18 ME 15225, NA 17780, Afr 21730; 19 Eur 11850, W.Afr 25730, SAM 21730; 20 Eur 11850, W.Afr 25730; 21 Far East 15180, SAM 25730, 21730; 22 SAM 25730, 15265; 23 NA 15325, 15190. Norwegian on Sunday: 0000 S.Asia/Australia 15230, 15180; 01 SAM 15310, NA 11850; 02 NA 11850, 9560; 03 NA 15310, 11850; 04 ME 17840, E.Afr 15175, NA 15310, 11760; 05 NA/Pacific 15310, NA 15165; 06 ME/E.Afr 25730; 07 Eur 9590, W.Afr/New Zealand 21705, Australia/New Zealand 21730; 08 New Zealand 21705, Eur/W.Afr 17840; 09 S.Asia/Australia 21730; 10 Australia 21705, New Zealand 17840; 11 Far East 21705, 17780, SAM 25730; 12 NA 17780; 13 NA 17840, Far East 17780, S.Asia/Australia 21705; 14 NA 17840, 21705; 15 NA 17780, 15310; 16 ME 15265, Africa 21705; 17 Eur 9665; 18 ME 15225, NA 17780; 19 Eur/E.Afr 21730, W.Afr 25730, SAM 21730; 20 Eur 11850, W.Afr 25730; 21 W.Afr 25730, SAM 21730; 22 Far East 15265, SAM 15265; 23 NA 15235 (via Eric Swedberg, OR & Fred Trescher, PA) 73's,

YUGOSLAVIA - Radio Yugoslavia 00000 on 15105NF in EE booming in here on 5/15 per telephone call to me from Eric Swedberg, OR. Later in broadcast freqs announced as 7215, 11735, 15105 to W.Eur & NA (bmm) Tnx for your support! *Paul*



# What's On...

ENGLISH BROADCAST TO NORTH AMERICA produced by Daniel Sampson

UTC Time	Station	Notes	Frequencies
0000-0030	BBC, U.K.	---	12095; 9915; 9590S; 7325; 6175S
0000-0030	kol Israel	---	15640; 15615; 11605
0000-0030	R. Canada Int'l	Tu-Sa	9755; 5960
0000-0030	RBI, G.D.R.	---	11890; 6080
0000-0050	R. Pyongyang, N.K.	---	15160; 15115
0000-0100	KUSV, U.S.A.	---	15580
0000-0100	R. Beijing, China	---	17855; 15130M1; 11715M1; 9770M1
0000-0100	R. Canada Int'l	Su-M	9755; 5960
0000-0100	R. Moscow, U.S.S.R.	Man svce	15440; 15425; 15405; 15290; 15245; 13605; 12050; 12030; 11850; 11750Bu; 11730; 11710Cu; 9765; 9530
0000-0100	WYFR, U.S.A.	---	17612.5; 9680; 9660
0000-0200	R. Australia	---	17795; 15320
0000-0200	R. Havana Cuba	---	11820
0000-0200	REE, Spain	---	15110; 9630
0000-0200	VHRI, U.S.A.	---	9495; 7365
0000-0200	WSHB, U.S.A.	---	7405
0000-0300	WRNO, U.S.A.	---	7355
0000-0610	CBC/RQSWS, Canada	not all EE	9625; 6195
0000-2400	CFCX, Canada	---	6005
0000-2400	CFRX, Canada	---	6070
0000-2400	CFVP, Canada	---	6030
0000-2400	CHHX, Canada	---	6130
0000-2400	CKFX, Canada	---	6080
0030-0100	R. Budapest, Hung.	---	15160; 11910; 9835; 9585; 9520; 6110
0030-0125	R. Nederland	---	15315B; 6165B; 6020
0030-0130	HCJB, Ecuador	---	15250
0030-0230	BBC, U.K.	---	12095; 9915; 9590By; 7325; 6175S
0035-0500	HCJB, Ecuador	---	15155; 11775; 9745
0050-0110	Vatican R.	---	11780; 9605; 6150
0100-0120	RAI, Italy	---	11800; 9575
0100-0130	kol Israel	---	15640; 15615; 11605
0100-0130	R. Japan	Reg svce	17825
0100-0145	R. Yugoslavia	---	11735; 9620
0100-0145	RBI, G.D.R.	---	11890; 6080
0100-0150	DY, F.R.G.	---	15105Ma; 11805Ma; 9735Ma; 9565Mt; 6145; 6085Ma; 6040An
0100-0157	R. Prague, Czech.	---	11990; 9625; 9540; 7345; 6055; 5930
0100-0200	R. Japan	Gen svce	5960S
0100-0200	R. Moscow, U.S.S.R.	Man svce	15440; 15425; 15405; 15290; 15245; 13605; 12050; 12030; 11850; 11750Bu; 11730; 11710Cu; 9765; 9530
0100-0200	WYFR, U.S.A.	---	15440; 5950
0100-0500	KUSV, U.S.A.	---	11695
0130-0140	V. of Greece	---	11645; 9420; 7430
0130-0145	R. Budapest, Hung.	Tu-V, F-Sa	15160; 11910; 9835; 9585; 9520; 6110
0130-0200	R. Austria Int'l	---	13730; 9875
0130-0330	R. Baghdad, Iraq	---	9515
0145-0200	R. Korea, S.Korea	---	15575; 9640
0145-0230	RBI, G.D.R.	---	11890; 11785; 9620; 6080
0200-0230	R. Kiev, U.S.S.R.	---	15455; 15180; 13645; 9765; 7400; 7335; 7165
0200-0230	SRI, Switzerland	---	17730Br; 12035; 9885; 9725; 6135; 6095
0200-0250	R. Nacional, Brazil	---	11745
0200-0300	R. Argentina Ext.	---	11710; 9690
0200-0300	R. Bucharest, Rom.	---	11940; 11830; 9570; 9510; 6155; 5990
0200-0300	R. Moscow, U.S.S.R.	Man svce	15440; 15425; 15405; 15290; 15245; 13605; 12050; 12030; 11850; 11730; 11710Cu; 9765; 9530
0200-0300	R. RSA, S. Afr.	---	9615; 9580; 6010
0200-0300	VOFC, Taiwan	---	15345; 9680By; 5985By
0200-0330	R. Cairo, Egypt	---	9675; 9475
0200-0400	R. Australia	---	17795
0200-0450	R. Havana Cuba	---	11820; 9710

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

UTC Time	Station	Notes	Frequencies
0200-0600	WHRI, U.S.A.	---	9495; 7405
0200-0600	WYFR, U.S.A.	---	9505; 5950
0200-0800	VSHB, U.S.A.	---	9455
0230-0257	R. Finland	---	15185; 11755
0230-0300	BBC, U.K.	---	12095; 9915; 9660By; 7325; 6175S
0230-0300	R. Portugal	Tu-Sa	11840; 9705; 9680; 9635; 9600
0230-0300	R. Tirana, Albania	---	11825; 9760
0250-0300	R. Yerevan, U.S.S.R.	---	15455; 15180; 13645
0300-0330	BBC, U.K.	---	12095; 9915; 9660By; 7325; 6175S; 5975An
0300-0330	R. Japan	Reg svce	21610; 17825; 15325Gu; 15195
0300-0330	R. Sweden	---	11705; 9695
0300-0345	RBI, G.D.R.	---	11785; 9620
0300-0350	DW, F.R.G.	---	15205Ma; 11810; 9605Ma; 9545Mt; 6085S
0300-0350	V. of Turkey	---	9445
0300-0357	R. Prague, Czech.	---	11990; 9625; 9540; 7345; 6055; 5930
0300-0400	R. Beijing, China	---	17855; 15130Mi; 11715Mi; 9690Sp
0300-0400	R. Earth, U.S.A.	Tu	9495; 7365
0300-0400	R. Moscow, U.S.S.R.	Wld svce	11710; 9765; 9530
0300-0400	R. Moscow, U.S.S.R.	NAm svce	17605; 15455; 15425; 15405; 15180; 13645; 13605; 12950; 12030
0300-0400	R. Nicaragua	Tu-Sa	6100
0300-0400	R. Sofia, Bulgaria	---	11735
0300-0400	TWR-Bonaire, N. Ant.	Tu-Sa	9535
0300-0400	VOFC, Taiwan	---	15345; 9680Wy; 5985Wy
0300-0530	TWR-Bonaire, N. Ant.	Su-M	11930; 9535
0300-0600	WRNO, U.S.A.	---	6185
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- May 30, Jun 2, Jun 27, Jun 30, Aug 1, Aug 4, Aug 29, Sep 1
0310-0330	Vatican R.	---	6150
0330-0400	R. Dubai, U.A.E.	---	17775; 15435; 11940
0330-0400	R. Tirana, Albania	---	11825; 9760
0330-0425	R. Nederland	---	9590B; 6165B
0330-0430	BBC, U.K.	---	9915; 5975An
0340-0350	V. of Greece	---	9420; 9395; 7430
0345-0430	RBI, G.D.R.	---	11785; 9620
0400-0415	kol Israel	---	17575; 15640; 11585
0400-0430	R. Bucharest, Rom.	---	11940; 11830; 9570; 9510; 6155; 5990
0400-0430	SRI, Switzerland	---	12035; 9885; 9725; 6135
0400-0500	R. Argentina Ext.	---	11710; 9690
0400-0500	R. Beijing, China	---	15195; 11840S; 11685Gu
0400-0500	R. Moscow, U.S.S.R.	NAm svce	17605; 15455; 15425; 15405; 15180; 13605; 12050; 12030
0400-0500	R. Moscow, U.S.S.R.	Wld svce	9765; 9530
0430-0500	R. Tirana, Albania	---	11835; 9480
0430-0530	BBC, U.K.	---	9915; 9510An; 5975An
0450-0600	R. Havana Cuba	---	11820
0500-0550	DW, F.R.G.	---	11845; 11705; 9700; 9670; 6130; 5960
0500-0600	R. Japan	Gen svce	17825; 15195
0500-0600	R. Korea, S. Korea	---	9570; 6060
0500-0600	R. Moscow, U.S.S.R.	NAm svce	17665; 17605; 15455; 15405; 15180; 13605; 12050; 12030; 9580
0500-0600	RBB, Spain	---	15110
0500-0700	HCJB, Ecuador	---	11775; 9720; 6230
0500-0700	KUSW, U.S.A.	Su	6175
0530-0545	BBC, U.K.	---	9510An; 5975An
0530-0600	R. Austria Int'l	---	6015S
0545-0730	BBC, U.K.	---	9640An; 5975An
0600-0700	R. Moscow, U.S.S.R.	NAm svce	17665; 17605; 15425; 15405; 15180; 13605; 12050; 12030
0600-0800	R. Havana Cuba	---	11835
0600-0800	WHRI, U.S.A.	---	9620; 9495
0600-0800	WYFR, U.S.A.	---	6065; 5950
0600-1200	WRNO, U.S.A.	Su	6185
0700-0800	VOFC, Taiwan	---	5985Wy
0700-1100	KUSW, U.S.A.	Su	6135
0730-0815	BBC, U.K.	---	9640P
0800-0830	R. Norway Int'l	Su	15165
0800-1100	WHRI, U.S.A.	---	7355

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

UTC Time	Station	Notes	Frequencies
0800-1130	R. Australia	---	9580
0900-0945	RBI, G.D.R.	---	11890
1000-1030	kol Israel	---	21760; 17575; 11585
1000-1100	R. Moscow, U.S.S.R.	Wld svce	17595; 15585; 9600Cu
1000-1400	WSHB, U.S.A.	---	9495
1100-1125	R. Finland	M-F	21550; 15400
1100-1150	R. Pyongyang, N.K.	---	11735; 9977; 9600
1100-1200	R. Beijing, China	---	17855
1100-1200	R. Japan	Gen svce	6120S
1100-1300	R. Moscow, U.S.S.R.	Wld svce	17595; 15585; 15135; 9600Cu
1100-1330	BBC, U.K.	---	11775An; 9740F; 9515S
1100-1500	WHRI, U.S.A.	---	11790; 9465
1100-1600	KUSW, U.S.A.	Su	9850
1110-1255	TVR-Bonaire, N.Ant.	M-F	11815
1110-1352	TVR-Bonaire, N.Ant.	Su	11815
1110-1405	TVR-Bonaire, N.Ant.	Sa	15345; 11815
1130-1200	HCJB, Ecuador	---	11740
1130-1200	R. Austria Int'l	---	17870
1130-1400	R. Australia	---	9580; 6060
1200-1225	R. Finland	M-F	21550; 15400
1200-1230	R. Norway Int'l	Su	15325
1200-1300	R. Beijing, China	---	17855
1200-1300	R. Canada Int'l	M-F	17820; 11855; 9635
1200-1300	WYFR, U.S.A.	---	15375; 5950
1200-1400	CBC/QSW/S, Canada	not all EE	9625; 6065
1200-1400	VRNO, U.S.A.	Su	9715
1200-1600	HCJB, Ecuador	---	17890; 15115; 11740
1230-1255	BRT, Belgium	M-Sa	17560
1235-1245	V. of Greece	---	17565; 15630; 11645
1245-1310	R. France Int'l	---	17720; 15365
1300-1325	R. Finland	M-F	21550; 15400
1300-1330	R. Yugoslavia	---	15325
1300-1350	R. Pyongyang, N.K.	---	11735; 11335; 9600
1300-1400	R. Beijing, China	---	11855
1300-1400	R. Finland	Sa-Su	21550; 15400
1300-1400	R. Korea, S.Korea	---	15575; 9750
1300-1400	R. Moscow, U.S.S.R.	Wld svce	17595; 15585; 15135; 12050; 12010; 11995; 11840Cu; 9755; 9655
1300-1600	R. Canada Int'l	Su	11955
1300-1600	WYFR, U.S.A.	---	15375; 13695; 11830; 5950
1330-1345	BBC, U.K.	Su	11775An; 9515S
1330-1615	BBC, U.K.	---	9740F
1400-1500	R. Australia	---	9580
1400-1500	R. Beijing, China	---	11855
1400-1500	R. Moscow, U.S.S.R.	Wld svce	15585; 15135; 12050; 12030; 12010; 11995; 11840Cu; 9755; 9655
1400-1500	VRNO, U.S.A.	Su	11965
1400-1600	R. Japan	Gen svce	9505
1400-1600	R. RSA, S. Afr.	---	17745
1400-1600	WSHB, U.S.A.	---	13760
1400-2330	CBC/QSW/S, Canada	not all EE	11720; 9625
1500-1600	BBC, U.K.	Sa-Su	15260S; 11775An
1500-1600	R. Moscow, U.S.S.R.	Wld svce	15585; 15135; 12050; 12030; 12010; 11995; 11840Cu; 9755; 9655
1500-1700	WHRI, U.S.A.	---	21840; 15105
1500-1700	VRNO, U.S.A.	---	11965
1530-1600	R. Sweden	---	21610; 17880
1535-1545	V. of Greece	---	17565; 15630; 11645
1600-1630	HCJB, Ecuador	---	17890; 15115
1600-1630	R. Norway Int'l	Su	17780; 15310
1600-1700	R. Moscow, U.S.S.R.	Wld svce	15585; 15425; 15135; 12050; 12030; 12010; 11995; 11840Cu; 9655
1600-1745	BBC, U.K.	---	15260S; 11775An
1600-2200	KUSW, U.S.A.	---	15650
1600-2300	WYFR, U.S.A.	---	15375; 15170; 13695; 11830
1700-1715	kol Israel	---	11585
1700-1730	R. Norway Int'l	Su	17780
1700-1800	R. Japan	Gen svce	9505

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, Vy-WYFR



UTC Time	Station	Notes	Frequencies
1700-1800	R. Moscow, U.S.S.R.	Wld svce	15585; 15425; 15245; 15135; 12050; 12030; 11995; 11900; 11840Cu
1700-1800	WHRI, U.S.A.	---	15105; 13760
1700-2100	WRNO, U.S.A.	---	15420
1800-1900	R. Moscow, U.S.S.R.	Wld svce	15425; 15405; 15245; 15135; 13605; 12050; 12030; 11840Cu; 11730
1800-2100	R. Kuwait	---	11665
1800-2400	WHRI, U.S.A.	---	17830; 13760
1900-1930	kol Israel	---	17590; 15640; 11605
1900-1930	R. Afghanistan	---	9635; 6020; 4760
1900-1930	R. Japan	Gen svce	9505
1900-2000	R. Moscow, U.S.S.R.	Wld svce	15425; 15405; 15245; 15135; 13605; 12050; 12030; 11840Cu
2000-2200	R. Moscow, U.S.S.R.	Wld svce	15425; 15405; 15245; 13605; 12050; 12030; 11840Cu; 11730; 11675; 9665
2000-2200	WSHB, U.S.A.	---	21640
2005-2105	R. Damascus, Syria	---	15095
2030-2100	R. Sofia, Bulgaria	---	11735; 11720; 9700
2100-2125	BRT, Belgium	---	9925
2100-2145	RBI, G.D.R.	---	9730
2100-2300	WRNO, U.S.A.	---	13720
2105-2205	R. Damascus, Syria	---	15095
2130-2200	kol Israel	---	17630; 17575; 15640; 11605
2130-2230	R. Sofia, Bulgaria	---	11720; 9700
2145-2230	RBI, G.D.R.	---	9730
2200-2230	R. Canada Int'l	---	11905; 9755; 5960
2200-2230	R. Vilnius, U.S.S.R.	---	15455; 15180; 13645; 9765; 7400
2200-2245	R. Yugoslavia	---	9660
2200-2250	V. of Turkey	---	9445
2200-2300	R. Argentina Ext.	---	11710; 9690
2200-2300	R. Moscow, U.S.S.R.	NAm svce	15425; 15405; 15290; 15245; 13605; 12050; 12030; 11750Bu; 11730; 11710Cu; 9765; 9530
2200-2400	BBC, U.K.	---	12095; 9915; 9590S; 7325; 6175S
2200-2400	KUSW, U.S.A.	---	15580
2200-2400	R. Australia	---	17795; 15320
2200-2400	V. of UAE	---	11965; 9595; 6170
2200-2400	WSHB, U.S.A.	---	9465
2230-2330	R. Korea, S.Korea	---	15575
2300-2330	kol Israel	---	15640; 15615; 11605
2300-2330	R. Norway Int'l	Su	15170
2300-2350	R. Pyongyang, N.K.	---	13650; 11735
2300-2400	R. Moscow, U.S.S.R.	NAm svce	15425; 15405; 15290; 15245; 13605; 12050; 12030; 11750Bu; 11730; 11710Cu; 9765; 9530
2300-2400	R. Sofia, Bulgaria	---	11720; 9700
2300-2400	WTFR, U.S.A.	---	13720; alt. 7355
2330-2355	BRT, Belgium	---	17612.5; 9680; 9660
2330-2400	CBC/QSW/S, Canada	not all EH	9925
2330-2400	R. Budapest, Hung.	M-Sa	9625; 6195
2330-2400	R. Canada Int'l	---	15160; 11910; 9835; 9585; 9520; 6110
2330-2400	R. Kiev, U.S.S.R.	---	9755; 5960
2330-2400	R. Tirana, Albania	---	15455; 15180; 13645; 9800; 9765; 7400; 7335
2335-2345	V. of Greece	---	11825; 9760; 6085
2345-2400	R. Korea, S.Korea	---	11645; 9905
2345-2400	RBI, G.D.R.	---	15575; 7275
			11890; 6080

RRLAYS--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, Vy-WYFR

# Western Hemisphere



Loggings by the 12th of ~~the~~ month to:

Thomas F. Sable  
University of Scranton  
Scranton, PA 18510

The good news is that DX conditions are about average for the month of May, the Red Barons have improved in the hitting department, and the rain has stopped. The bad news is that the Phillies have called up a couple of pitchers and the bricklayers have gone out on strike. Who said life was easy?  
On to the loggings:

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

11715 0820 Bible talk and jazz program (434 4/27 Famularo-JP)

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

17795 1957 DW GG; IS, ID, nx mentions Denmark (444 4/30 Kline-CA)

## ARGENTINA\*\*Argentine Foreign Radio\*\*

15345 2230 RAE EE; Listeners' Letters, reception reports, ID (333 4/28 Brown-IL)

## BOLIVIA

6105 0830 R. Panamericana Lots of guitars and flutes, IDs (444 4/27 Eckert-PA) (232 4/28 D'Angelo-PA)

## BRAZIL\*\*Swiss Radio International relay\*\*BBC relay\*\*

3245 0030 R. Clube U.S. pop mx, DJ intros, ads, ID (232 4/9 Rogers-MA)

4915 0907 R. Nacional, Macapa OM talks, ID (343 4/20 Rogers-MA)

4965 0130 R. Alvorada LA mx, ID: Radio Alvorada Parintins (333 4/17 Rogers-MA)

4985 0000 R. Brasil Central ID, nx (333 5/1 Rogers-MA)

5035 0010 R. Aparecida LA mx, IDs, ads (232 5/2 Rogers-MA)

6030 0854 R. Globo OMs, ads, nx (353 4/9 D'Angelo-PA)

11745 0208 R. Nacional do Brasil EE; Braz beach resorts (544 4/19 Wright-MB)

11780 0915 R. Nacional do Amazonia Litany, religious mx (323 4/27 Famularo-JP)

15175 0946 BBC EE; World mx, nx summary (333 4/24 Matsushita-JP)

17730 0112 SRI Esperanto; IS, ID, freqs., folk mx (232 4/27 Matsushita-JP)

17815 0131 R. Cultura EZL mx, ID (333 4/19 Cichorek-NJ)

## CANADA\*\*Radio Austria International relay\*\*Radio Japan relay\*\*BBC relay\*\*

5960 0135 RJ EE; Cooks and dumplings, Korean folk songs (444 4/27 Levison-PA)

6005 1932 CFCX Wx, ads, phone-in contest (333 4/14 Cichorek-NJ)

6015 0529 R. AI IS, multilingual IDs, nx, gas price hike in Austria (444 4/9 Kline-CA) (545 4/20 Miller-CA)

6070 2337 CFRB Call-in show, ID, Question of the Day (444 4/28 Brown-IL)

6120 1125 RJ Mailbag: JJ TV (454 4/16 Fraser-MA)

9515 1159 R. AI GG/EE; mistake at Sackville put the Austrian IS/"Osterreichs-Journal" program on air to 1209, then switched to scheduled BBC relay with "Newsreel" (555 4/22 Westenhaber-QU)

9535 0217 RCI AIDS education in 3rd world (333 4/28 Brown-IL)

9650 1213 RCI FF; ID (555 4/17 Trescher-PA)

9735 2212 RCI Innovation Canada, Business Report (333 4/29 Brown-IL)

9755 2307 RCI Bacteria test for fish (555 4/22 Brown-IL) SWL Digest: computer software (555 4/16 Card-RI)

11720 1532 CBC FF; ID (555 4/20 Trescher-PA)

11775 1503 BBC Thatcher-Kohl meet, Bangladesh relief (333 4/30 Brown-IL)

15150 2140 RCI SWL Digest: computer bulletin boards, freq. changes on May 7 (333 4/29 Brown-IL)

**CLANDESTINE**

6215 2343 R. 15 Sept politics in Nicaragua (222 4/27 Thornton-NJ)  
 9940 1110 V. C.I.D. SS; nx, ID, LA mx (555 4/9 Rogers-MA)  
 9960 0300 R. Calman SS; Spanish DJ with pop and soul mx (333 5/1 Ehly-IA)(Cichorek-NJ)

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

4925 0227 R. Meridiano LA vocals by YL, NA, chimes, ID (454 4/16 D'Angelo-PA)  
 4925 0250 R. Meridiano 70 LA vocals by YL, NA, chimes, ID (454 4/22 D'Angelo-PA)  
 5020 0327 Ecos del Atrato mentions CARACOL, LA vocals by YL, NA, chimes, ID (353 4/9 D'Angelo-PA)

5095 0150 CC Bogota OM gives EE ID as MW 810 kHz HJCI, nx (444 5/1 Rogers-MA)

5975 1005 R. Macarena ID, TC, LA mx (243 4/9 Rogers-MA)

6115 0945 V. Llano ID, TC, LA mx (444 4/9 Rogers-MA)

6150 0940 CC Neiva OM and YL talk, ID (243 4/9 Rogers-MA)

**COSTA RICA\*\*R. for Peace International\*\***

5030 2355 R. Impacto LA vocals, IDs (343 4/15 Rogers-MA)

21565 2335 RPI EE; Program on UN (333 4/26 Thornton-NJ) (454 4/19 Wright-MB)

25945 1812 RPI EE; World of Radio, t-shirt (252 4/29 Sampson-WI)

**CUBA\*\*Radio Moscow relay\*\*Radio Habana Cuba\*\***

9520 0304 RM SS; Jaruzelski's visit to Moscow (444 4/28 Westenhaver-QU)

9600 1132 RM EE; "Listeners' Request Club," ad for record club (433 4/15

Westenhaver-QU) sub sinks (555 4/16 Fraser-MA)

11760 1542 RHC LA mx (555 4/20 Trescher-PA)

11820 0016 RHC EE; Nx, features, jazz (323 5/3 Loe-OH)

11835 0631 RHC EE; "Jazz Place" with mx from Feb jazz fest (545 4/10 Westenhaver-QU)

15230 0637 RHC World nx, "Cuba campesina" (343 4/10 Westenhaver-QU)

**ECUADOR**

5063 0319 R. Progreso Latin vocal, ID by OM, NA off abruptly (333 4/9 D'Angelo-PA)

6230 0600 HCJB EE; DX Partyline (454 4/16 Gears-IL)

9610 0720 HCJB EE; Guide for Family Living (545 4/27 Miller-CA)

9655 0650 HCJB FF; OM talks, ID (333 4/15 Famularo-JP)

9745 0103 HCJB EE; Nx by John Beck, science program "Discovery" (434 4/16 Westenhaver-QU)

11775 0105 HCJB EE; Soviet troops use poison on Georgians (444 4/21 Brown-IL)

15155 0115 HCJB EE; Passport: interview with woman whose missionary husband was killed by local Indians // 11775 (353 4/11 Fraser-MA)

15230 0055 HCJB "Words of Hope" from Reformed Churches (544 4/23 Westenhaver-QU)

17790 2145 HCJB EE; DX Partyline: LA QSLing (433 4/22 Saarikko-NY)

21470 2104 HCJB GG; religious programming with OM (444 4/27 Miller-CA)

**FRENCH GUIANA\*\*Radio France Overseas\*\*Radio Beijing relay\*\***

5055 0900 RFO RFI ID, TCs, nx (344 4/9 Rogers-MA)

11605 0340 RB EE; CC mx (343 4/23 Miller-CA)

15200 2203 RFO PP; SWAPO in Namibia (555 4/6 Wright-MB)

15435 1127 RFO SS; OM IDs in FF, YL in SS, OM previews and schedule (343 4/16 Matsushita-JP)

**GUATEMALA\*\***

4835 0246 R. Tezulutlán Marimba mx, YL IDs, organ mx, prayers // 3370 (454 4/24 D'Angelo-PA)

**HONDURAS**

4910 0220 V. Mosquitia pop mx, religious prog., ID (444 4/15 Evans-TN)

**NETHERLANDS ANTILLES\*\*Radio Netherlands relay\*\***

6165 0045 RN Newsline: Cambodia, South Africa (555 5/2 Brown-IL)(Cadorette-MA)

9590 0335 RN EE; Newsline (545 4/27 Miller-CA)

9650 1105 RN EE; Media Network: possible "Africa No.2" SW station (343 5/10 Sable-PA)

Netherlands Antilles (cont.)

15315 0030 RN "Happy Station" Rose Marie's 10th yr with show, mx  
(444 4/10 Kline-CA)(444 4/26 Brown-IL)(Allred-EC)(Fraser-MA)  
21685 1845 RN EE; "Happy Station" (444 4/23 Saarikko-NY)  
PARAGUAY\*\*Radio Nacional\*\*  
6025 0825 RN Request program with vocals, IDs, // 9735 (242 4/9 D'Angelo-PA)  
PERU

4790 0923 R. Atlantida LA mx, TCs, ID (242 4/9 Rogers-MA)  
PIRATES\*\*The Dream Team\*\*

7415 2220 WENJ Jack Beane hosts usu al assortment of Oldies, phone number (353  
4/8 D'Angelo-PA)

UNITED STATES OF AMERICA\*\*Voice of America\*\*Voice of Free  
China relay\*\*

5985 0200 VOFC World nx, Taiwan independence (434 4/13 Levison-PA)  
6125 0154 VOA Nx and commentary (333 4/28 Loe-OH)  
6130 0045 VOA Central and South America report, "Now Music" (444 4/28 Langlois-  
FL)  
7405 0000 WSHB Church service from Boston CS church (444 5/30 Jones-TN) (444  
4/25 Cadorette-MA)  
9455 0757 WSHB IS, ID, religious talk about Jacob (444 4/29 Kline-CA) (444 4/20  
Fisher-MA)  
9455 0107 VOA World HDTV, Fiftieth anniversary of TV (444 4/26 Brown-IL)  
9455 0000 WHRI IS, ID, address (444 4/25 Brown-IL)  
9840 0208 VOA SS; ID, mentions North, Reagan, Washington Post (555 4/22 Trescher-  
PA)  
9850 0012 WCSN Nx, "Focus (544 4/26 Brown-IL) (555 4/22 Trescher-PA)  
11580 1525 WYFR Harold Camping talks (555 4/20 Trescher-PA)  
11695 0130 KUSW Utah Jazz Basketball (545 4/27 Miller-CA)(Wright-MB)  
11740 0218 VOFC "Kaleidoscope" 7-11 stores, coffee consumption 444 4/18 Wright-MB)  
11980 0050 WSHB Religious talk at CS Church (544 4/17 Miller-CA) (555 4/9  
D'Angelo-PA)  
13775 1058 VOA SS; "Buenos Dias America" (343 4/23 Matsushita-JP)  
15195 1217 VOA SS; TC, ID, nx on Barbara Bush, Noriega // 17830 (343 4/13  
Famularo-JP)  
15205 2243 WSHB Interview with John Morris, travel writer, mx from Holst's "The  
Planets" (444 4/19 Loe-OH)  
15580 2258 KUSW old TV set collections (555 4/22 Brown-IL)(Langlois-FL)  
15300 2213 WCSN Report on cold fusion (333 4/13 Brown-IL)  
17555 2335 WCSN Letterbox: reception complaints (555 4/25 Brown-IL)  
17750 2040 WYFR FF; religious program (333 4/22 Loe-OH)  
17830 0423 VOA Farsi; YL with Mideast song; OM with world nx, IDs (444 4/23  
Westenhaver-QU)  
21535 2206 VOA [site?] program on bicycle and auto parts, ID: "The preceding was a  
test transmission from the Voice of America" (544 4/10 Westenhaver-QU)  
21640 2021 WSHB religious mx, CS textbook on eternal punishment (444 4/30 Kline-  
CA)  
21780 1442 WCSN Religious talk, ID, address (222 4/23 Cichorek-NJ)

VENEZUELA

5040 0900 R. Maturin anthem, full ID (242 4/20 Rogers-MA) (353 4/24 D'Angelo-PA)  
9540 1128 R. Nacional flute mx, ID (433 4/9 Rogers-MA)

Well, that about wraps it up for this month. Take a little time away  
from the golf and the barbecues this month and log in with a few of  
your favorite stations. Don't forget the new and revised SPEEDX  
awards program. Drop \$1.50 check or postage on Harold Woering and  
see if you can get those awards flying in.

As always get those loggings to me by the 12th of the month and to  
our Central Distribution editor by the fifth of the month.

ADIOS from Red Barons' country.

Bye for now,

J.F.

**EUROPE**

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



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

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

**EUROPE**

- ALBANIA** **Radio Tirana**  
 7120 1631 **Farsi**; tlk about Albania & Yugo., ID "Inja Tirana," Albanian song (333 4/8 Dillon-Greece)
- AUSTRIA** **Radio Austria International**  
 9870 0143 **RAI** EE; tlk about 75th anniv. of the opening of the Vienna-Bratislava railway, // 9875 (433 4/16 Westenhaver-QU) 0134 EE; Rpt from Austria, U.N. rpt from Vienna bankers (555 4/22 Trescher-PA)  
 9875 0147 **RAI** EE; mailbag show, letter & question from SPEEDI'er Patrick Leader-Ireland (444 4/10 Westenhaver-QU) 0104 GG; tlk, ID, nx (444 4/17 Miller)  
 13730 0143 **RAI** EE; tlk w/ guy from Royal Canadian Mint about sales of Maple Leaf bullion coins in Austria (444 4/23 Westenhaver-QU)  
 15275 0415 **RCL relay** FF; ID, pgn Au fil de l'heure w/ tlk about Quebec Week to be held in Aix-en-Provence in France (343 4/23 Westenhaver-QU)
- BELGIUM** **Belgische Radio en Televisie**  
 9925 2330 **BRT** EE; Brussels Calling (433 4/17 Gears-IL) 2353 EE; Brussels Calling, P.O. Box 26, ID (333 4/25 Brown-IL)  
 17595 1540 **BRT** EE; tlk on different freqs for SW, Radio World (333 4/29 Miller-CA)  
 21810 1545 **BRT** EE; tlk on mx hits in Belgium, trading partners & tickets (333 4/19 Miller-CA) 1530 EE; nx, Radio World, P.O. Box 26, mx (454 4/15 Card-RI)  
 21815 1227 **BRT** EE; air traffic controller strike in Belgium (232 3/29 Cichorek-NJ)
- BULGARIA** **Radio Sofia**  
 7215 2250 **R. Moscow relay** EE; RR mx (242 5/2 Rogers-MA)  
 11720 2311 **RE** EE; long history of Lenin (555 4/21 Pfeifle-WY) 0000 EE/FF; IS, ID, QRM de Moscow, tlk in FP, nx (344 4/28 Miller-CA) \*2230 FF; nx, exposition in Sofia (444 4/8 Wright-MB) 2315 EE; Midweek Mailbag, show dedicated to the week of the forest, re-forestation efforts (444 4/8 Cichorek-NJ)  
 11735 2300 **R. Moscow relay** EE; wld nx, ment Soviet sub sinking in waters off Norway, Moscow Mailbag (444 9/4 Miller-CA)
- CZECHOSLOVAKIA** **Radio Prague**  
 5930 0300 **EE**; nx, contry (454 4/9 Gears-IL)  
 7345 2358 **SS/PP**; jazz mx, ID by OM in PP, nx (333 3/29 Cichorek-NJ)  
 11990 0336 **EE**; mailbag, DX chat @ 0343 (222 4/14 Loe-OR) 0111 EE; contry on Bush (544 3/19 Allred-Ecuador)
- FINLAND** **Radio Finland**  
 11755 0230 **EE**; nx, GNP up 8%, Iceland inflation 20% (333 4/16 Brown-IL)  
 15185 0231 **EE**; Pres. Koivisto's state visit to Poland (243 4/21 Westenhaver-QU)
- FRANCE** **Radio France International**  
 17520 1530 **FF/BE**; tlk, ID, freq, wld & French nx, PM resigned, Arab League meeting in Tunis (233 4/25 Miller-CA) 1608 EE; Palestine issue (534 4/20 Trescher-PA)  
 21580 1632 **FF**; tlk, pop mx, intvw, tlk like poetry (545 5/1 Miller-CA)  
 21620 1654 **FF**; ID, freq annt, Africa svce, // 21685 (222 4/23 Cichorek-NJ)
- GERMAN DEMOCRATIC REPUBLIC** **Radio Berlin International**  
 9620 0408 **RBI** EE; intvw w/ Calif. woman who belongs to U.S.A.-G.D.R. Friendship Society (333 4/30 Westenhaver-QU)  
 11785 0200 **RBI** EE; mailbag show (433 4/3 Gears-IL)  
 11970 0305 **RBI** EE; listeners' comments on 40th anniv. of G.D.R., closing annt ment this is for the Caribbean on 6165, 9730 & 11970, 0314\* (322 4/10 Westenhaver-QU)  
 21540 1320 **RBI** EE; ID, YL w/ nx, freq, 1329\* (fr 4/22 Ross-Nutt-Japan)



**GERMANY, FEDERAL REPUBLIC OF Deutsche Welle**

11810 0208 **DV SS**; nx, contry on democracy & politics in LAm (433 4/8 Wright-MB)  
 15275 0333 **DV Pashto**; GG lesson, subcont. fill mx, OM annt ment Afghanistan, 0348 "Deutsche Welle" ID, German site ID, 0350x (242 4/23 Vestenhaver-QU)  
 15340 2130 **R. Liberty RR**; chime, telephone intvw, ID (343 4/20 Matsushita-Japan)  
 17750 0505 **R. Liberty RR**; YL w/ nx, 0510 chime, OM w/ ID, QRM de Australia (333 4/27 Matsushita-Japan)  
 17760.2 0945 **DV EE**; nx on Vietnam, tik, ID in GG w/ nx (433 5/1 Willers-Switzerland)

**GREECE Voice of Greece**

7105 1745 **VOA relay RR**; rock song 'The Real Me,' rock mx, wld nx, Yankee Doodle (343 4/7 Dillon-Greece) site uncertain  
 7430 0348 **VOG Greek**; OM ancr, nice mx (444 4/16 Cadorette-MA) 0256 Greek; Greek mx, Edo Athine (555 4/29 Trescher-PA)  
 9375 0139 **VOG Greek**; sentimental old ballads, nx briefs, 0148x (433 4/9 Westenhaver)  
 9395 0242 **VOG Greek**; Greek mx, Edo Athine (555 4/29 Trescher-PA)  
 9420 0345 **VOG EE**; Brussels summit, EEC Foreign Ministers Council (555 4/22 Trescher-PA) 0128 Greek/EE; Greek mx, ID, nx, Greek-Soviet tiks (544 4/18 Brown-IL)  
 11645 0124 **VOG Greek/EE**; EE nx @ 0130 (353 3/29 Allred-Ecuador) 0130 Greek; Greek mx, ID, "Edo Athine," // 9450 (444 4/16 Rogers-MA) 0000 Greek; flute IS, sked, Turkey, Gorbachev, Bush, Sofia (555 4/23 Trescher-PA)  
 21520 1401 **VOA relay Urdu**; Newsline theme mx, OM/YL w/ tik (pr 4/17 Famularo-Japan)

**HUNGARY Radio Budapest**

9835 \*0030 **EE**; Central Committee initiatives on economy (333 4/12 Wakefield) 2337 EE; Hung. receives a \$150 million credit flow from W. Germ. (333 4/29 Brown)

**INTERNATIONAL WATERS Radio Caroline**

6215 0226 **EE**; pop mx, ad for Canadian lottery, wx rpt (333 4/9 Cichorek-NJ)

**ITALY Radiotelevisione Italiana**

9575 0111 **EE**; Itali... role in NATO, abrupt jump into middle of song (333 4/12 Wakefield-IA) 0100 EE; YL w/ nx (434 4/16 Rogers-MA)

**LUXEMBOURG Radio Luxembourg**

6090 0111 **EE**; pop mx by YL DJ, album promo, ID @ 0116 (353 4/8 Wright-MB)  
 15350 0055 **FF**; Genesis, other tepid pops, "R-T-L" ID @ top of hour (343 4/12 Wakefield-IA) 1700 FF; nx, ads, pop mx (333 4/8 Rogers-MA)

**MALTA Radio Mediterranean**

6110 2305 **RM EE**; YL w/ ID, wld nx, pop mx (222 5/5 Thornton-NJ)  
 11865 0100 **DV relay EE**; Newsline Köln, V. German cabinet shuffle (352 4/14 Wright-MB)  
 17720 0042 **DV relay SS**; "La revista de la prensa de la Voz de Alemania," closing annt, Malta site ID in EE, 0050x (444 4/22 Westenhaver-QU)  
 21660 1043 **DV relay EE**; GG lang lesson, ID & freq annt by YL, OM w/ site ID (222 4/23 Cichorek-NJ)

**NETHERLANDS Radio Nederland**

5955 1149 **RE EE**; Happy Station, looking for a lost man (555 4/30 Willers-Switz.)  
 6020 0033 **RE EE**; nx, waste treatment (222 4/10 Wakefield-IA) 0030 EE; nx, May Day protests, Quayle comments on trade w/ Japan (444 4/30 Brown-IL) 0030 EE; Newsline, riots in Yugo. (544 3/29 Allred-Ecuador)  
 11660 0110 **RE PP**; pgm about career of David Bowie w/ plenty of his mx, // 9895 (242 4/16 Westenhaver-QU)  
 11730 2213 **RE Dutch**; stock quotes & money markets, musical interlude (433 4/8 Wright)  
 21520nf 1149 **RE EE**; Happy Station (343 4/16 Matsushita-Japan)  
 21590 1940 **RE EE**; OM/YL (454 4/2 Cadorette-MA)

**NORWAY Radio Norway International**

15180 2157 **EE**; OM w/ ID & IS (444 4/20 Cadorette-MA)  
 21705 1715 **EE**; On the Record, women singers w/ folk, rock & jazz selections (454 4/16 Fraser-MA) 1911 EE; nx & contry, who discovered America' (555 4/9 Cadorette-MA) 1627 EE; education in Norway (343 4/23 Cichorek-NJ)  
 25730 1422 **Norw.**; song 'That's What Friends Are For,' vocal mx (sounds rel), signal went from S4 to S1 (4/22 Levison-PA)

**POLAND Radio Poland**

7270 2300 **EE**; nx on Poland, some mx (555 4/1 Card-R1) 2327 EE; Panorama, ecology ppgms under wav, horsemeat industry (333 3/29 Cichorek-NJ)

**PORTUGAL Radio Portugal**

9600 0235 **EE**; nx about Portugal & wld, folk mx (333 3/22 Allred-Ecuador)  
 9705 0243 **EE**; pgm on holiday in Port., mx (444 4/12 Brown-IL)

**ROMANIA** Radio Bucharest  
9510 2030 FF; YL w/ nx, rpt 144 4/15 Rogers-MA  
11940 0252 EE; ID, spts, lots of bragging about successes of Steaua Bucharest football team (443 4/21 Vestenhaver-QU) 0404 EE; wld nx, nx, contry, tlc on Romania (444 5/4 Miller-CA)  
17745 1512 EE; intvws re Spring & youthfulness, 15250 (fr 4/24 Famularo-Japan)

**SPAIN** Radio Exterior de España  
9630 0005 REE EE; nx, Japanese PM to resign, Armenian demonstration (444 4/25 Brown-IL) 0000 EE, nx, Panorama, language & computers (544 3/22 Wright-MB)  
11715 0133 REE SS; nx, ID, date, SS pgming (444 2/1 Brown-IL)  
11790 1900 REE EE; the duty of a national, solar activity rpt (533 4/30 Leader-Irel.)  
15110 0020 REE EE; Radio Club (434 4/23 Saarikko-NY) 0030 EE; court cases (444 4/28 Langlois-FL) 0025 EE; rpt of four financial newspapers just established (454 4/11 Fraser-MA) (Miller-CA)  
15280 2120 REE EE; contry, tlc on E.T.A., wx, tlc on EEC (fr 4/12 Famularo-Japan)  
15290 0509 R. Liberty RR; cl nx, IS, "R. Svoboda" ID, tlc about Chernobyl (fr 4/27 Famularo-Japan) 2000 RR; theme nx, ID, nx about Eur & ME (444 4/20 Matsushita-Japan)  
15395 1935 REE EE; old SS song, RNE-Best European Community SW Station, ANARCOM Convention promo (353 4/23 Wright-MB)  
17715 0050 REE SS; SS nx, ID, time pips, nx, R. Australia off for repairs (pr-fr 4/24 Famularo-Japan) 0034 SS; ID, promo for cultural pgm, Vida en España w/ tlc about new SS look about CAM (433 4/20 Vestenhaver-QU)

**SWEDEN** Radio Sweden  
17705nf 1230 RS EE; IS, ID, mailbag, // 21610 (333 4/16 Matsushita-Japan)  
17790 0111 RS EE; a Swedish ambassador may associate w/ a RR spy (333 4/21 Brown-IL)  
17880 1540 RS EE; Swedish nx (554 4/17 Rogers-MA)  
21605 1418 RS EE; how Swed. ts reflected in foreign press rpts (243 4/16 Vestenhaver)  
21610 1400 RS EE; nx, OM, 1415 tlc on Denmark (gd 4/22 Ross-Mutt-Japan) 1535 EE; nx items, comments on 3 Mile Island (555 4/1 Levison-PA)

**SWITZERLAND** Swiss Radio International  
6135 0200 SRI EE; nx, Lebanon troubles, rpt on the death penalty (333 4/25 Brown-IL)  
6165 0645 SRI EE; nx, Swiss SW Merry-Go-Round (555 4/29 Willers-Switzerland)  
7210 1720 Red Cross B/Cling Svce EE; Red Cross tlc, ID, back last Su of month (544 4/30 Willers-Switzerland)  
9885 0200 SRI EE; nx, Gorbachev calls for calm in Georgia (444 4/12 Brown-IL)  
11955 1712 SRI EE; freq, annt by YL, weekly sked, YL into FF (222 4/23 Cichorek-NJ)  
12035 0159 SRI IL/EE; nx, Spanish ambassador to Lebanon is killed (544 4/16 Brown-IL)  
13685 0830 SRI EE; AIDS, water supply & sanitation (545 4/30 Leader-Ireland)  
17730 0206 SRI EE; nx, refinery in trouble, Kharshogi arrest, protests in Beijing (333 4/19 Brown-IL) 0200 EE; YL w/ s/on, nx (454 4/25 Cadorette-MA)  
21695 1330 SRI EE; OM, nx, ID, demonstrations in China, Peter Miles w/ contry on demonstrations in Jordan, This Week in Switz. (gd 4/22 Ross-Mutt-Japan)

**UNITED KINGDOM** British Broadcasting Corporation  
5945? 0645 BBC EE; Farming World, pgm on sheering sheep in Australia & soya beans, wld nx (545 4/27 Miller-CA) *Is this freq correct?*  
6195 1500 BBC EE; nx, football contry & scores (545 4/29 Willers-Switzerland)  
12095 2330 BBC EE; Concert Hall, Gustav Holst 'The Planets,' // 7325 (4/5 Fraser-MA)  
15070 1700 BBC EE; wld nx, Book Choice (444 4/22 Dillon-Greece)  
25750 1722 BBC EE; rugby on soccer play (555 4/9 Cadorette-MA)

**VATICAN CITY** Vatican Radio  
6150 0104 VR EE; Valesa to meet w/ Pope, // 11780 & 9605 (333 4/12 Wakefield-IA) 0050 EE; Pope warns of the dangers of materialism (333 5/2 Brown-IL)  
11780 0105 VR EE; tlc about FF Damian, // 9605 & 6150 (454 4/16 Cadorette-MA)  
11790 0052 VR EE; intvw w/ Paraguay missionary, Catholic educators (444 4/21 Brown)  
15105nf \*2142 VR JJ; bell, ID, opening nx, Vatican Journal (444 4/24 Matsushita-Japan)  
15180nf 2332 VR PP; OM/YL nx, 2335 As Palabras do Papa, listed // 9615 but no sign of listed // 11750 (333 4/8 Vestenhaver-QU) 0000 SS; long s/on, ID, speech by 2 OM alternately, didn't sound like nx (544 4/18 Fraser-MA)  
15190 0439 VR Amharic/FF; OM Amharic nx briefs, IS, into FF @ 0445, ID routine over xylophone, tlc about Pope's activities/audiences (433 4/23 Vestenhaver-QU)  
21515 \*1031 VR JJ; IS, bells, ID "Kochira wa Vatican hoso kyoku desu," rel tlc re Church history (fr 4/20 Famularo-Japan)

**YUGOSLAVIA** Radio Yugoslavia  
9620 0030 EE; nx, deployment of missiles in Eu (434 4/28 Miller-CA) 0001 EE; nx, British-Yugo. tlks, Valensa in Rome (444 4/21 Brown-IL)  
9660 1830 EE; YL w/ nx, contry (232 4/16 Rogers-MA) 2103 EE; nx, Yugo. & India to meet & discuss non-aligned activities (322 4/4 Cichorek-NJ)

## USSR RELAY STATIONS

LOCATION	COORDINATES		ADMINISTRATIVE AREA
Ashkhabad	58°23'E	37°57'N	Turkmen SSR
Alma Ata	77°00'E	53°57'N	Kazakh SSR
Armavir	40°49'E	45°00'N	RSFSR (Europe)
Baku	49°45'E	40°24'N	Azerbaijan SSR
Blagoveshchensk	127°53'E	50°15'N	RSFSR (Asia)
Brest	23°35'E	53°20'N	Byelorussian SSR
Chita	113°20'E	52°05'N	RSFSR (Asia)
Dushanbe	68°58'E	38°40'N	Tadzhik SSR
Frunze	74°37'E	42°54'N	Targhiz SSR
Gorkiy	44°00'E	56°17'N	RSFSR (Europe)
Irkutsk	102°18'E	52°18'N	RSFSR (Asia)
Ivano-Frankovsk	24°48'E	48°56'N	Ukrainian SSR
Kalach	40°40'E	50°26'N	RSFSR (Europe)
Kalinin	35°25'E	56°52'N	RSFSR (Europe)
Kaunas	24°00'E	54°55'N	Lithuanian SSR
Kazan	49°08'E	55°47'N	RSFSR (Europe)
Kenga	109°05'E	57°25'N	RSFSR (Asia)
Khabarovsk	135°12'E	48°22'N	RSFSR (Asia)
Kharkov	35°17'E	50°00'N	Ukrainian SSR
Kiev	30°12'E	50°27'N	Ukrainian SSR
Kingisepp	27°40'E	57°27'N	RSFSR (Europe)
Komsomolsk-na-Amure	127°05'E	50°50'N	RSFSR (Asia)
Koneva	26°52'E	60°12'N	Ukrainian SSR
Krasnoyarsk	92°54'E	56°01'N	RSFSR (Asia)
Kursk	36°12'E	51°46'N	RSFSR (Europe)
Leningrad	30°20'E	59°57'N	RSFSR (Europe)
Lvov	24°00'E	49°50'N	Ukrainian SSR
Minsk	40°11'E	52°54'N	Byelorussian SSR
Moscow	37°18'E	55°45'N	RSFSR (Europe)
Murmansk	32°46'E	68°58'N	RSFSR (Europe)
Nikolayevsk-na-Amure	140°47'E	53°10'N	RSFSR (Asia)
Novosibirsk	82°50'E	55°04'N	RSFSR (Asia)
Okhotsk	143°00'E	59°30'N	RSFSR (Asia)
Omsk	72°22'E	54°59'N	RSFSR (Asia)
Orenburg	54°07'E	51°46'N	RSFSR (Europe)
Orsha	30°17'E	54°31'N	Byelorussian SSR
Petropavlovsk Kamchatskiy	159°29'E	52°59'N	RSFSR (Asia)
Petrozavodsk	34°20'E	61°48'N	RSFSR (Europe)
Ryazan	39°47'E	54°47'N	RSFSR (Europe)
Riga	24°07'E	56°58'N	Latvian SSR
Serpukhov	37°25'E	54°54'N	RSFSR (Europe)
Simferopol	34°06'E	44°56'N	Ukrainian SSR
Starobelsk	37°57'E	49°12'N	Ukrainian SSR
Sverdlovsk	60°36'E	56°50'N	RSFSR (Europe)
Syktyvkar	50°31'E	61°41'N	RSFSR (Europe)
Tashkent	69°17'E	41°19'N	Uzbek SSR
Tayshet	97°35'E	55°48'N	RSFSR (Asia)
Tallinn	24°07'E	59°07'N	Estonian SSR
Tbilisi	45°45'E	41°40'N	Georgian SSR
Tomsk	85°02'E	56°30'N	RSFSR (Asia)
Tula	37°48'E	54°12'N	RSFSR (Europe)
Vinnitsa	28°26'E	49°13'N	Ukrainian SSR
Vladivostok	131°51'E	47°12'N	RSFSR (Asia)
Vologograd	44°28'E	49°42'N	RSFSR (Europe)
Vologda	40°00'E	59°12'N	RSFSR (Europe)
Voronezh	39°14'E	51°38'N	RSFSR (Europe)
Yakutsk	129°48'E	62°01'N	RSFSR (Asia)
Yerevan	44°30'E	40°10'N	Armenian SSR
Yuzhno-Sakhalinsk	142°10'E	45°55'N	RSFSR (Asia)

Compiled by Jason Bell

Copyright © 1992 by The American Radio Relay League, Inc.

All rights reserved.

# Africa

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

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

Submission Deadline is the 12th

## COLUMN FOR JUNE, 1989

### ANGOLA

- 4957\* 1605 5. Angola: FF; M FF (31). Starting up and down from 4953. 202(4-26 Kunkel-CA). @0155 Madrugada pgm; m., canned anmts. 202(5-8 ed.)
- 7045 0250 5. Regional: FF; ECL instr mx to 2000 ID, mx abt Namibia, Zimbabwe fanfare @2104, RNA ID, into US pop m.. 202(4/30 ed.)

### ASCENSION ISLAND

- 15150 2201 BBC Relay: EE; Nxt: Senegal problems, Chinese students. 444(4-29 Brown-IL)
- 15260 2305 BBC Relay: EE; Nxt: Bush chooses FSX, Mobil leaves SAf. 444(4-28 Brown-IL)
- 15790 2347 BBC Relay: EE; EE By Radio language lessons. *pr/fr* (4-30 Famularo-JAPAN)
- 21470 1716 BBC Relay: EE; 111 by Alistair Coote, opera mx. 202(4-28 Miller-CA)

### BERLIN

- 4970 0255 RIH: rfr instr mx, s/off w/ID, NA @2100. 444(5-4 Rogers-MA). @0455. 242(4-26 Kunkel-CA)

### BOTSWANA

- 4820 0350 R. Botswana: VN; barnyard scene, NA, ID, rel tlk; no Honduran tonite. 302(4-19 Miller-CA)
- 7255 0351 R. Botswana: VN; usual cow pie iS; under 6FE, hams. 202(1(5-8 ed.)

### BURKINA FASO

- 4815 2345 FTV Burkina: FF; US pop mx, ID, s/off w/NA @2400. 202(5-4 Rogers-MA)

### CAMEROON

- 4795 2200 CRIV Douala: FF; M mx, ID @ 2215. 242(5-3 Rogers-MA)

### DJIBOUTI

- 4780 0304 FTV Djibouti: FF; AA; Qw an tu v.17, them M poss ID, long tlk in AA. CW QRM (USB) and digital UTE (USB). 202(5-20 ed.)

### EGYPT

- 9900 0445 R. Cairo: Albanian; M tlk, sounded dull, dull, dull [giving Albanians the kind of radio they're used to.-ed.] 444(3-27 Kunkel-CA). @0105 in AA..555(4-22 Trescher-PA)
- 15420 2215 R. Cairo: FF; s/on under heavy QRM. 211(3-18 Allred-ECUADOR)

### GABON

- 7160 2023 R. France Int'l Relay: FF; hilite mx, freqs, 2030 M ID, child vcl mx. fair (4-14 Famularo-JAPAN)
- 11800 2300 R. Japan Relay: EE; Nxt: Japan politics, ID. 422(4-22 Brown-IL)
- 11845 2100 RJ Relay: EE; mx, cmt on China-Japan relations. 444(4-17 Rogers-MA)
- 15475 1725 Africa #1: FF; pop mx, Marlboro ad, ID. 243(4-8 Rogers-MA)
- 17630 1538 Africa #1: FF; mix Afropops/FF-pops, freq IDs "Africa Numero Un-Un-Un-Un" Abrupt s/off @1555\*. 202(5-11 Westnaver-QUE)

**GABON (cont.)**

21635 0020 RJ Relay: JJ; M tik ending in ID, then W and off 0030\*. 343(4-23  
Westenhaver-GUE)  
21700 1433 RJ Relay: JJ; JJ pop vcl mx, M/W ancrs, ID @1636. 222(4-23 Cichorek-NJ)

**GUINEA**

7123.2 0425 R. Nationale: FF; light African mx, M ancr. 343(4-15 Kunkel-CA)

**KENYA**

4885 0254 VO Kenya: Swa; unusual lcl mx to 0300 mini-anthem, M ID, into nx (net?);  
@0315 brief anmt, pause to 0318 W, drum mx. H: GRN. 232(5-26 ed.)  
4934.3 0204 VO Kenya: EE; W religious tik, organ mx up @0207, M "You're listening to  
the VO Kenya Nairobi, it's now 7 minutes past 5." 333(5-8 ed.)

**LESOTHO**

3255 0419 BBC Relay: EE; rpt on London Underground Workers union. 332(5-8 ed.)  
4800 #0300 R. Lesotho: SeSotho; OC to NA, M ID, choral mx, M inspirational/  
patriotic tik to 0312, mx out, more tik to past 0410 when Latin  
American took over. No EE hrd entire time. 333(5-10 ed.)

**LIBERIA**

15600 1810 VOA Relay: EE; pr ends, into "Encounter." 347 (4-16 Rogers-MA).  
@2137. pr ends (4-21 Famularo-JAPAN)

**LIBYA**

15235 2158 VO Gtr Arab Homeland: AA; W full WRTH ID, full mx, tinny Westminster  
chimes @2200 3 pips (7 secs late), M full ID. 342(4-15 Westenhaver-GUE)  
15415 0106 VOGAM: AA; radio drama, AA mx, chimes @0115, anmt & anthem. 252(4-5  
Wright-MB)  
15442.5a 0223 VOGAM: AA; passing "Saut al-uatan" ID, tik abt Cleopatra & Hammurabi.  
//15235 and 15456. 433(4-21 Westenhaver-GUE)  
15445 0200 VOGAM: AA; M tik, IS, mx, etc. //15235, 15455. 444(4-25 Kunkel-CA)  
15448a 0101 VOGAM: AA; live ceremony of sorts, mni Islamic references. Fred evidence  
Ramadan fasting got to mntn guys! 433(4-21 Westenhaver-GUE)

**MADAGASCAR**

15570 1733 R. Nederland Relay: Dutch; M reads mx. 353(4-30 Kunkel-CA)

**MALI**

11715 0030 R. Beijing Relay: EE; world mx, cmty, interview w/civil servants, ID.  
444(4-27 Miller-CA)  
17715 0016 BB Relay: EE; ID, into CC violin concerto entitled "Butterfly Lovers."  
Seemed slightly low of freq. 444(5-23 Westenhaver-GUE)

**MAURITANIA**

4845 0549 ORT Mauritania: AA; rel pgm; M tik/Dur'an recitations, anmts @0601, flute  
mx @0606, more rel tiks. 322(4-16 Evans-IN). 444(4-26 Kunkel-CA)

**MOROCCO**

15205 1855 VOA Relay: Special EE; profile of people of the Rio Grande. 333(4-2  
Cichorek-NJ)

**MOZAMBIQUE**

3210.5 0248 R. Mozambique: PP; IS, W & M IDs, s/von @0255, into mx. 342(4-13 Kunkel-  
CA). @0420 hummy audio. 343(5-8 ed.)

**NAMIBIA**

3270 0430 R. SWA: AK; M & W tik, mni ads, etc. //3290. RTTY QRM. 4-27 Kunkel-CA)

**NIGER**

5020 2235 ORTN: FF; hilife mx w M host to ID and s/voff anmts, choral NA, carrier  
cut @2303\*. 353(4-15 D'Angelo-PA)

**NIGERIA**

4990 2204 R. Nigeria, Lagos: EE; ID, pop mx, W dj. 342(4-10 Rogers-MA)  
7255 0512 VO Nigeria: EE; hilife/African jazz, chatty M dj, freq IDs as VON West  
African Service. 343(5-11 Westenhaver-GUE)

**SEYCHELLES**

11760 1507 FEBR: EE; world mni, rock mx, sports, gen. mni, s/von @1505 (4-11, 4-  
12) 4-22 Famularo-JAPAN)  
11810 #1730 FEBR: EE; IS, W ID, ff bqm begins @1734. 333(4-16 D'Angelo-PA)

## SEYCHELLES (Cont'd)

11860 1704 FEBA: Groms; great mx, M tik in AN. 222(4-10 Kunkel-CA)  
 15300 0319 FEBA: Harsh; M tik to 0215, mx, M went Iran/Jesus, address in Larnaca; another ancr. F-E-B-A Seychelles. 1 IS, off 0330#. 343(4-23 Westenhaver-QUE)  
 15325 0416 FEBA: AA; M tik preachy style, 0429 W amnt ment Beirut (address for show?), 1 IS, off 0429#. GRMoscow/15320. 232(5-13 Westenhaver-QUE). 222(4-21 Kunkel-CA)  
 15420 0321 bBC Relay: EE: From our Own Correspondent: Audrey Hepburn visits Sudanese refugees. 222(4-23 Westenhaver-QUE)

## SOUTH AFRICA

4810 2315 R. Orion: EE/AFK; pop/EZL mx, ads. TC/ID @2330; //3320. 343(5-4 Rogers-MA)  
 4965 0440 R. RSA: EE/AFK; EE ID "You are tuned to the Afrikaans Service of R. RSA in Johannesburg." mx, anmts in Af. 222(4-1) Kunkel-CA). 444(4-10 Miller-CA)  
 0010 10200 R. RSA: EE: s on anmts, mx from Colin Jackson, Shirley & Kathy's patented mailbag show. This freq ex-11770. 222(5-7 Westenhaver-QUE)  
 9615 0233 R. RSA: EE: This is Saff; touring the country. 444(4-18 Brown-IL)  
 11730 0135 R. RSA: EE; ID, tik abt amateur radio QSOs from space. 544(4-23 Miller-CA)  
 11745 12300 R. RSA: SS; special rtp on Namibia. ID more tik abt Namibia. Must be the SWAPO Hour! (A grand obsession. red.) 222(4-8 Wright-MB)  
 11805 1157 R. RSA: EE: IS. M ID. Tfs. W ann 118.5 freq only (//11900), headlines. mailbag pgm. 222(4-26 ed.)  
 11880 0530 R. RSA: EE: phone-in talk show, Lithuania, greetings. 222(4-16)  
 21575 1839 R. RSA: EE: DX Corner: Lithuanian DX Club. 555(4-2 Cadorette-MA). 224(4-5 Miller-CA). 115-1 D. Jones-TN)  
 21590 1313 R. RSA: EE: M ID, interview pgm. 222(4-27 Matsushita-JAPAN). @1745...444(4-5 Miller-CA)  
 21670 1418 R. RSA: EE; tik abt unsanitary burials in 19th cent. Africa. (real dinner topic, ay?). pr/fr(4-22 Famularo-JAPAN)

## SWAZILAND

2210 0412 1WR: SS; rel: tik and hymns in us. 222(5-8 ed.)

## TOGO

5047 2315 Rdif Togolaise: FF; John Lennon, Afro mx, FF pops, ID @2332; GRM de numbers station. 222(5-1 Rogers-MA). S/off w/rickety band NA 0003#, GRM EE numbers stn/5046. 232(5-23 Westenhaver-QUE)

## TUNISIA

7475 2200 R. Tunisi: AA; W mx, Qur'an @2210, mx, skads @2224, off @2230#. 544(4-19 Card-RI). @0335 in AA. 433(4-15 Evans-TN)

## ZAIRE

7202.6 0410 LV du Zaire (L): FF; M end cmty, then another ancr tik to 0420 poss ID, foll by hyper M dj playing Afropops/US soul mx, fade by 0500. Weak modulation. 232(5-2 ed.)

## TOO MUCH DX NOOZ

ANGOLA--R. Nacional, Luanda hrd #0355 on 3375.8 on 4/22; no 60m // except weak sig on 5440 and 5468.2, probably spurious. On 4/23 back w/all-night service ["Madrugada"] on 4953.3. On 4/30 hrd only on 3354.7, so obviously their frequency usage is quite erratic and irregular. (Vashek Korinek - RSA)

VD Namibia, Lubango can be heard on 6050 at 0430-0800, 1800-2000 on 4865 kHz. Opening announcement: "The struggle begins for unity of people of the Namibian revolution. The struggle continues for the reorganization of our society." (Ginbey/RNMN)

R. Carina del Sur, a station intended for Cubans in Angola, and also operating from Lubango, is operating 1700-1800 M-F on 9565, irregularly Sat/Sun 0700-0800. Em.Regional do Lobito is now on 7153 ex-7172. (Ginbey/Sennitt/ANARC BBS)

BURUNDI--Radio Burundi has been heard testing on 6190 kHz at 17:00. (Marcel Rommerts-Netherlands/SCDX)

CANARY ISLANDS/SPAIN--Radio Exterior de Espana en Las Islas Canarias is broadcasting in Spanish to Latin America at 22:05 hrs on 17715 kHz. (Andrzej Adamczyk/SCDX)

GABON--As observed 4/8, Radio France International changed its frequency from Gabon from 4890 to 4860 kHz. (Gerhard A. Werdin-FRG/SCDX). R. Japan relays from Gabon: 0500-0800? 21690 kHz (EE 0700). 0930-1000 21635 in SS to LAm. 1500 EE 21700, 2100 EE 11800.



KENYA--Back on 4934, ex-4935. (Korinek-RSA)

LESOTHO--BBC has vacated 9515 for new 11940 from 0430-1745. The other daytime freq remains 6190 kHz. (Sennitt/RNMN). R. Lesotho noted off the air from 4/22 to 4/30. (Korinek-RSA)

MOZAMBIQUE--Em. Interprovincial, Maputo, heard with good but badly modulated signal on 5164.3 kHz (4/22). (Korinek-RSA). RM Pemba in FP 2210-2104\* on 5004.8, logged by Roland Schulze-FRG on 4/21. (Via Fine Tuning)

NAMIBIA--SWABC is using two new daytime frequencies: 7165, used for relaying R. Herera, R. Damara-Nama, and R. Tswana; 7190 in Afrikaans and German. Both operate from 0530-1600. These two frequencies also carry the last 40 minutes of the National Soc. in EE and Afk, including the only SW news bulletin in EE, which is at 0600. The only nighttime frequency from Namibia at the moment is 3290. (Ginbey/RNMN)

NIGERIA--Agence France Presse recently reported the demise of VONigeria, "following 6 years of missed schedules and transmitting faults due to ancient equipment and financial constrictions". BBCMS reported that the disappearance of VON was due to an explosion in the antenna feeder cable. At any rate, VON is back as usual on its 7255 channel with programs to West Africa from 0500-2100. With none of the other mtrs operational, the external service has been 99% out of commission for many months now. But VON ain't dead yet: it just sounds that way. (ed.)

The Organization of African Unity intends to start a radio station which would be called the Voice of Africa. There is speculation it will be headquartered either in the Nigerian capital Lagos or the Egyptian capital Cairo. (BBCMS/SCDX)

SEYCHELLES: Here is the latest sked from FEBA, valid until September 2:

6065	1815-1900	PP	11860	1600-1700	Swah	15225	0130-0430d	AA
7275	2345-0200	Be/Hi/+3		1700-1845	Dr/Am/Ti	0470-0515*		EE
9565	0045-0130	Urd/Pun	11895	0130-0245	Ur/Si/Pu	1215-1245		Nepali
9590	1400-1430a	Sinhala		1245-1330	Mal/Tam	1245-1400		Tam/Kan
9610	0300-0400	Swahili	11915	1900-2015	Arabic	1400-1500		Hindi
9770	1600-1730	Sw/Som	11930	1615-1700	Malagasy	1500-1530		English
11760	1345-1615	Hi/Si/EE	15250	0745-0830	Amharic	1545-1645-1145		Arabic
	1830-1905	French	15275	0715-0830#	English	15400	0700-1000e	French
11810	0300-0400	Swahili	15300	0245-0330	Farsi	17780	0430-0515	English
	1700-1815b	Som/EE				17820	0715-0830#	English

\* = Saturday    a = to 1445 Sunday    d = to 0445 Sun. 0500 Fri  
# = Sunday        b = to 1830 Fr/Sat        e = 1000 to 1015 Saturday in Malagasy  
> = Monday        c = Sat/Sun to 0500 in Oromo, 0530 in Tigrinya  
There! Is that confusing enough? (Sked direct)

SOUTH AFRICA--Capital Radio has returned to shortwave after a long absence. (Which frequency, Richard? -ed.) (Ginbey-RSA/RNMN)

SWAZILAND--TWR heard on a new frequency of 9670 kHz at 0530 in vernacular, at 0545 in English (04/22) and a new frequency of 9610 at 1515 in FP until 1520\*. (Korinek-RSA)

ZAIRE--LV du Zaire, Bukavu, still drifting, last heard on 3840.0 between 0330-0400 with good signal (04/22). (Korinek-RSA)

ZAMBIA--The External Service is back on the air, now calling itself Radio Zambia International. There's a new frequency in use as well: 9505 kHz, from 1555-2105 (Fri & Sat to 2205). On Sundays there are two extra transmissions on this frequency: at 0555-0730, and 1055-1230, but these can be very irregular. (Ginbey/RNMN)

UNOFFICIAL RADIO--Iran's Flag of Freedom is on 15560 and 11615 kHz at 16:30-18:20 hrs. (BBCMS/SCDX).

A station identifying itself as Radio Siboney, the Voice of the Cuban exiles, was observed on March 5th from 17:30-18:27 on 6100.2 kHz. It is believed to be named after a Cuban popular song and addresses itself to Cuban forces in Angola. (BBCMS/SCDX)

A pirate shortwave station is operating somewhere in South Africa, presumably in the Johannesburg/Pretoria area, relaying Bophuthatswana's Radio 702, with SABC's R. Metro during some days. The station operates in USB on exactl. 15 mhz, often with QRM from WWW/WNVH. (Ginbey/RNMN)

I'm happy (and amazed) to report that the cookies I mailed to Yukinasa Matsushita arrived in Osaka (5770mi) intact and edible. Now if someone will explain how the postal service can do THAT and yet completely mangle my copies of FEEDBACK every month!

Many thanks to all our erstwhile contributors this month, but would someone please pass me the Sony and the Sunbeam?



# ASIA/OCEANIA

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

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

Welcome to the June column! It's 17 May as I type this, and it's the most beautiful day of the year so far. Brilliant sunshine, gentle breezes, temperatures near 30°--it's enough to give a guy spring fever.

Unfortunately, spring fever seems to have affected the posties between here and Tennessee, since the CDE material still hasn't arrived. I can't really wait any longer for it, if I'm to get the column to our Esteemed Publisher on time. It's disappointing not to be able to run all the material contributed through the CDE this month, and I'd like to offer my apologies to all concerned.

## AFGHANISTAN

Nothing reported from here this month. However, in reference to the March column, Dan Sheedy-CA advises that "INDIA 4775 @ 0145 (t) AIR Gauhati could also be 'Afghanistan' via whoknows (I think this is Kabul City Svc after 0200 or something like that..b4 0200, I dunno) as they are noted here fairly regularly in the winter/fall/spring and/or whenever Cas prop is good..." Thanks for the comments, Dan!

## AUSTRALIA

### VLN4 Brisbane Radio Australia

- 4920 1155 VLN4: EE: EZL mx; @ 1200 M w/"ABC" ID; then ABC national nx; weak w/QSB, but readable (232 4/15 Evans-TN)
- 5995 1000 RA: EE: Nx; "International Report" (243 4/8 Rogers-MA) @ 0929 w/M DJ playing hits; low het (good 4/11 Howell-CA)
- 9580 0751 RA: EE: IS to 0800 s/on; "International Report" on landowners' revolt in PNG (554 4/30 Kline-CA)
- 9620 2120 RA: EE: Tlk on transportation in Australia; light mx; co-channel QRM de USSR (pr-fr 4/21 Famularo-JAPAN)
- 15140 1428 RA: EE: IS; ID @ 1430; "Boomerang" px w/letter from teacher who uses SW in classroom (333 4/1 Cichorek-NJ)
- 15160 0535 RA: EE: Tlks abt crickets, making homebrew beer, tourism; // 17795 was better (344 4/12 Miller-CA)
- 15320 0135 RA: EE: Rpt on Philippines lebt crisis; some woodpecker QRM (444 4/29 Miller-CA)
- 15415 0916 RA: EE: Tlk on longest open-sea swims; pops (444 5/1 Wakefield-IA)
- 17795 0437 RA: EE: Feature on Australian wine festival (242 4/1 Rogers-MA) (wonder if it was that red Australian table wine, "Kanga Rouge"?-ed.) @ 0358 w/mx; ID/TC; world nx (232 4/30 Loe-OH) (welcome to the column, David!-ed.)
- 21740 0324 RA: EE: Pop songs; rpt on Auckland to Japan yacht race (252 Wright-MB) @ 0032 w/pr of old Mario Lanza songs from movie musicals w/M host (243 4/23 ed.)

## CHINA

### Central People's Beast Stn Radio Beijing

- 8007 2238 CPBS-2 XIAN: CC: M pres. nx; 5+1 TP @ 2300; good in LSB (333 4/26 Thornton-NJ)
- 15290 \*0100 RB: SS: ID/IS routine; W chat abt Beijing wx; M px details; then W nx; with/under (p) RFE-RL (322 4/20 ed.)
- 15540 1110 RB: EE: Nx abt China; mx interlude; ID @ 1120 (332 4/16 Rogers-MA) @ 0008 w/world nx--China supports reunification of Korea; ID hrd (322 4/25 Thornton-NJ) @ 0010 w/nx that 30% of all Chinese marriages take place "outside the law" (i.e. underage partners) (333 4/9 ed.)
- 17855nf \*1100 RB: EE: CC/EE ID's; then world nx (343 5/13 ed.) (Note that 17855 now replaces 15540 for ECNA broadcasts, including EE @ \*1100, \*1200 and \*0000.-ed.)

CYPRUSBBC WS relay

- 15240 0422 **BBC**: EE: "Newsdesk"--Britons are woefully ignorant of geography (243 5/7 ed.)  
 15310 0235 **BBC**: EE: "The Ken Bruce Show"--a semi-boring DJ show; Oman on this frq is only listed to start \*0330 (242 5/14 ed.)  
 17755 2205 **BBC**: EE: "Newshour" on those massive protests in Beijing; this frq beamed to Nafr 2000-2300; awful splash de NYFR-17750 in SS (322 5/17 ed.)

FRENCH POLYNESIARFO Tahiti

- 15170.8 0544 **RFO**: TAHITIAN/FF: "Home on the Range" sung in Tahitian and other island mx; @ 0600 W ID and nx in FF (444 4/8 Cichorek-NJ) @ 0445 w/that lovely island mx; FF nx @ 0500; better today than //11825 (433 4/16 Miller-CA)

INDIAAll India Radio

- 6140 1420 (t)**AIR**: NEPALI?: Sub-continent mx (e.g. vocals/table); lots of M sub-continent lang tlk; 6 PP and 1500\*; JRM de various sources but Asian signals stronger than usual this PM (pr-fr 4/24 Famularo-JAPAN)  
 9535 0010 (t)**AIR**: ??: Subcontinent vocal mx (221 4/29 Thornton-NJ) (OK, can any readers help out with positive ID's on either of these two loggings?-ed.)  
 9550 2107 **AIR**: EE: End of nx; cnty on strained India-Nepal relations; ID: Indian mx; //7265. 9710, 11620 (fair 4/21 Famularo-JAPAN)

INDONESIARadio Republik Indonesia

- 4719 1250 **RRI UJUNG PANDANG**: IN: Pop mx; ID; SCI ("Song of the Coconut Islands"); W/M nx; ex-4753 for local evenings (fair 4/20 Famularo-JAPAN)  
 4789+ 0843 **RRI FAK FAK**: IN: Tuned into SCI to 0845; then into W tlc w/low mod; Atlantida on @ 0900 (poor 4/7 Howell-CA)  
 7125 2020 **VO INDONESIA**: EE: W tlc; light Indo vocals; J national nx/ID; trad Indo mx; //11789.2, 15149.3 (all pr-fr 4/29 Famularo-JAPAN)

(Note: Both Matsushita-JAPAN and Sheedy-CA drew my attention to a mistake in the March column: The RRI station on 4845, listed here as Jakarta, should actually be RRI Ambon. Thanks for the correction! I can claim neither to be all-knowing nor omnipotent, so if anyone else has any corrections from time to time, don't hesitate to let me know.-ed.)

IRAQRadio Baghdad

- 11945nf 0208 **RB**: EE: AA vocal mx; @ 0212 ID/tlc abt Baghdad hospital; @ 0215 another ID and AA light mx; splashed by Bucharest-11940 (433 5/17 ed.)

IRANVoice of the Islamic Republic of Iran

- 15084 2313 **VOIRI**: FARSI: M/W dialogue w/long empty pauses; Qur'an; low mod (fair 4/2 Howell-CA) @ 0024 w/M tlc; martial mx; very low mod (222 4/11 Wakefield-IA)

ISRAELKol Israel Reshet Bet relay

- 11605 0118 **KI**: EE: Political interview; 0125\* (444 4/16 Rogers-MA) @ \*0000 w/ID; nx of Holocaust Day; rpt on movie "Triumph of the Spirit" (444 4/30 Brown-IL)  
 15615 2024 **KI**: EE/FF: ID; historical segment on Holy Land; into FF @ 2030; //12077 fair (322 4/4 Cichorek-NJ) @ 0108 w/nx of plot to kill Israeli soldiers being foiled (433 4/10 Wakefield-IA) @ 0002 w/nx of PLO diplomatic moves (232 4/26 Brown-IL)  
 15640 0000 **KI**: EE: Nx--Jerusalem Post up for sale; //15615 (232 4/24 Loe-OH) @ 2232 w/nx of President Mitterand's meeting w/the PLO (343 4/25 Brown-IL)  
 15650 \*1400 **KI**: RR: IS; TP; M ID and nx (fair 4/20 Famularo-JAPAN)  
 17545 0404 **RB**: HEBREW: "Reshet Bet shel Kol Israel" jingle ID; ad string; then into morning show seemingly named "Poker Tov" ("Good Morning", if I'm not mistaken) (333 4/23 ed.)  
 17575 \*1630 **KI**: RR: Nx; dramatization w/background effects; M tlc abt ?; Hebrew lesson (353 4/8 Wright-MB)  
 17590 \*1900 **KI**: EE: Nx of Holocaust Remembrance Day; //15640 (343 5/1 ed.)  
 (Note that all KI boasts are now one hour earlier since 4/22, when Israel went on Summer Time.-ed.)

JAPANNHK HS relay Radio Japan

- 6005 0905 NHK: JJ: Light pop mx/M tlc; typical JJ HS format; some QRM de H. Seloj; what city, though? (fair 4/11 Howell-CA) (Joe, you suggested that it might be via Fukuoka; the WRTS says it's Sapporo; PWBR lists Nagoya at this time, which agrees with an article by Bill Sparks in the Feb. 1988 PRENDX on DXing the NHK HS stns. Can anyone--maybe our readers in Japan--come up with anything more definite?-ed.)
- 9505 1440 RJ: EE: New px "Japan Panorama" w/ host Geoff Botting w/a visit to Akita and historical Japanese cakes (good 4/15 Ross-Nutt-JAPAN)
- 11815 1420 RJ: EE: "Japan Panorama" w/ Jeff Botting (a friend/former co-worker of James Ross-Nutt and I) visiting Akita (fr-gd 4/14 Famularo-JAPAN)

JORDANRadio Jordan

- 9560 1645 RJ: EE: "Top Twenty"; @ 1700 TP/ID/nx (242 4/15 Rogers-MA) (p) @ 2040 w/mx from the who's "Quadrophenia"; M tlc abt Peter Gabriel and Genesis--then KO'd by R. Veritas Asia early s/on w/elevator mx (fr-unusable 4/13 Famularo-JAPAN)

KIRIBATIRadio Kiribati

- 14802 0850 RK: V.M.I.: beautiful island mx w/ukeleles and group vocals (move over R. Tahiti-hi!); anc'r w/nx @ 0900 (good 4/26 Howell-CA)
- 14918nr 0920 RK: I-KIRIBATI (listed): Island mx; w tlc to 0928\*; tns to tip @ Bruce MacGibbon's "DX SPREAD" (poor+ 4/20 Famularo-JAPAN) (Note: The latest items I've heard on the DX shows have RK using this nf of 14917.7-14918.-ed.)

KOREA, D.P.R.Radio Pyongyang

- 9977 1115 RP: EE: Feature on government finances; ID @ 1127 (443 4/8 Rogers-MA)
- 11735 \*1100 RP: EE: w ID w/frqs; hardline propaganda abt Revolution (444 5/6 Valentine-CA)

KOREA, REPUBLIC OFKBS Radio Korea

- 6015 0830 (t) KBS SUWON: KK: w DJ w/Asian pop mx to 0845; then px of trad mx; hrd for several nights; lotsa QRM (pr-fr 4/11 Howell-CA)
- 9750 1400 RK: EE: NX to 1415; cmt; co-channel QRM underneath (545 4/19 Miller-CA)
- 15575 1850 RK: EE: Listeners' letters (243 4/15 Rogers-MA) @ 1401 w/frq sked; "Week in Review" (333 4/23 Brown-IL)

KUWAITRadio Kuwait

- 15495 2043 RK: AA: Non-stop AA vocals to 2100; 5+1 TP (like SRI); M ID and nx; splashed by Moscow-15490; //15505 SIO 444 (222 5/17 ed.)
- 15505 1450 RK: AA: Qur'an; "Huna al-Kuwait" ID @ 1510; //15495 very weak (444 4/8 Rogers-MA)
- 17895 0357 RK: AA: AA vocal mx; @ 0359 w frq anmt ending w/ID; then right into nx--no TP nor fanfare; co-chan RL; //17850 SIO 243 (433 5/11 ed.)

MALAYSIARadio Television Malaysia

- 5005 1135 RTM KUCHING: IBAN (listed): Long M tlc (poss. nx) w/"Radio Malaysia Kuching" ID's; QRM de JJY-5000; //6050 poor w/NSB-6055 QRM (pr-fr 4/13 Famularo-JAPAN)

MARIANA ISLANDSKFBS

- 12025 0910 KFBS: CC: March mx; w/M dialogue (322 5/1 Wakefield-IA) (Any ID, Paul?-ed.)
- 15375 1010 KFBS: IN: Nice selection of trad Indo mx; M tlc ment "Yesus Christos" (fr-gd 4/30 Famularo-JAPAN) (ID?-ed.)

NEW ZEALANDRadio New Zealand International

- 9850 1100 RNZI: EE: ID; TP: Nx of Labour Party proposals (333 5/1 Wakefield-IA)

PAKISTAN Radio Pakistan  
 17660 0230 RP: EE: ID; frqs; start of EE px w/mx; then faded out (222 4/19 Brown-IL)

PHILIPPINES VOA relay Radio Veritas Asia  
 9760 1102 VOA: EE: Nx of India's plans to build nuclear missiles (333 4/29 Wakefield-IA)  
 15465 \*1500 RVA: EE: IS; ID's; church nx; "Encounter"; also hrd //15220 (444 4/24 Miller-CA)  
 21515nf 0240 VOA: EE: Rpt on animal rights activists vs. medical research presume this is via Philippines (fr-gd 4/24 Famularo-JAPAN) (I haven't gotten the new VOA frq sked yet, Ralph, but I'll check this one when it arrives.-ed.)

SAUDI ARABIA Bcast Sce of the Kingdom of Saudi Arabia  
 15445 0016 BSKSA: AA: AA mx; M/W tlk w/mx interludes; radio drama w/"20 opening; long speech; chimes @ 0115; nx (343 4/25 Wright-MB (Phil, did you get an ID on this? One of Libya's xmtrs was wandering in this vicinity through the latter part of April and it could just have been them.-ed.)

SINGAPORE BBC WS relay  
 9740 1135 BBC: EE: "Meridian" (333 4/8 Rogers-MA) @ 1651 w/cricket and soccer scores; ID: world nx @ 1700 (252 4/8 Wright-MB)  
 17830 0930 BBC: EE: Sports nx--lots of tennis upsets (222 5/1 Wakefield)

SOLOMON ISLANDS Solomon Islands Ecast Corp  
 5020 0840 SIBC: PD: M monologue w/refs to many adjacent islands (fr-gd 4/29 Howell-CA)  
 9545 0735 SIBC: EE: Tlk on Solomon Islands; M nx; ID's; ads; 5020 not hrd (344 4/27 Miller-CA)

SRI LANKA VOA relay  
 15250 0130 VOA: EE: VOA Morning Show w/world nx; no QRM but much QRN (222 4/19 Thornton-NJ)

TAIWAN Voice of Free China WYFR relay  
 11745 1200 VOFC: CC: ID; W tlk (nx?) (343 4/8 Rogers-MA)  
 15055 2300 WYFR: EE: WYFR IS; M ID; into M religious px; QSB made readability difficult; my first log of this relay (232 4/23 Evans-TN) (Nice going, Jim!-ed.)

TONGA Tonga Bcast Commission  
 5030 0845 TBC: EE: Difficult-to-copy tlk by W to 0857; "nose flute" IS (see WRTH); "and now the nx from R. Australia"; into px of lcl vocal mx after nx (pr-fr 4/10 Howell-CA) (Joe says that these TBC signals are so poorly modulated that he's not even been able to write up a reception report; that's bad news--but a nice catch!-ed.)

TURKEY Voice of Turkey  
 9445 2318 VOT: TURKISH: Mx; ancr tlk; children's chorus (544 4/21 Pfeifle-NY) @ 2222 in EE w/tlk on contaminating effects of power and ideologies; festivals (544 5/6 Thornton-NJ)  
 15405nf 0256 VOT: AZERI: IS w/"Danyshyr Turkiyanin Sasi Radiosu" ID's; @ 0300 TP; W s/on anmts ment Azerbaijan; brief M anmt; into Qur'an; this frq carries Turkish px de \*0400 (433 5/12 ed.)  
 17760 2156 VOT: EE: IS to 2200 s/on; W s/on anmts; M nx; this frq beamed to SEAsia--usually gives better reception in Turkish around 0000 or so (222 5/17 ed.)

UNITED ARAB EMIRATES Voice of UAE Abu Dhabi UAE Radio Dubai  
 11965 2302 VO UAE: EE: Press review; EE song abt UAE; ID @ 2315 (544 4/5 Wright-MB)  
 13605 2341 VO UAE: EE: Full ID; then episode #41 of series about Arab proverbs and their stories (343 4/21 ed.)  
 15300 2018 RD: AA: Mix of soft Western mx and M/W romantic-sounding tlk; @ 2029 M ID/frq anmt; @ 2030 M ID and nx; co-channel RFI (433 5/17 ed.)

(More UAE on the next page...)

UAE continued...

15435 0328 RD: EE: W carted ID anmt; M frq anmt ment 9595, 11940, 15435, 17890; 6 TP and TC for 7:30 AM; then nx; 17890 only // hrd (444 5/13 ed.)

17865 1600 RD: EE: TP; AA/EE ID's; EE px on Ramadan (343 4/8 Rogers-MA)

17890 0354 RD: EE: Px on aspects of Holy Qur'an; closing anmt for EE scc; UAE NA: 0357\*: clear channel but some QSB (434 5/11 ed.)

21735 1456 VOUAE: AA: Mix of M/W tlk, recitation and mx bridges; @ 1502 M ID/anmt and into px of tlk/interview abt Ramadan (243 4/16 ed.)

25900 1133 VOUAE: AA: Lotsa lcl mx; frequent ID's; long tlk ment Allah and snatches of Qur'an; //17705 (454 5/11 Quaglieri-NY) @ 1356 w/M in studio taking short phone calls w/mx bridges; W frq anmt; @ 1400 5+1 PP (like SHI), ID, nx (454 5/10 ed.)

VIETNAM

Voice of Vietnam

9840 1406 VOV: JJ: Nx ending w/ID @ 1408; mx bridges; into more M tlk; ID @ 1415 "Kochirawa Hanoi" (333 4/6 Berrri-CA)

10060 1100 VOV: VV: 6 TP; mx interlude; ID; M tlk (342 4/8 Rogers-MA)

15010 1902 VOV: EE: Nx, mostly abt Third World nations; ID; cultural px (poor 4/2 Howell-CA) @ 1610 w/nx; trad VV mx @ 1617; fadeout 1627 (252 4/8 Wright-MB) @ 2312 in (listed) THAI to 2327; GC to \*2330 in EE (343 4/23 Evans-TN)

UNIDENTIFIED

3925 1030 UNID: ORIENTAL LANG: W w/high-pitched voice; mx; M tlk; JRM from Ham; maybe Japan? (333 5/6 Valentine-CA) (It could very well be NSB-H. Tanpa; anyone else have any other ideas?-ed.)

CLANDESTINE

8375 0920 (p)"NEW STAR BROADCASTING STATION": CC: W repeating two different number groups over and over, interrupting herself for occasional brief anmts; 0930\*; ute JRM; see March "Continuous Tuning" column (fair 4/23 Howell-CA) (Bruce has been following this and similar stations for years, and knows more about them than anyone else I can think of.-ed.)

It sure seemed strange not to have to cut and cram to fit all the material into the column this month. Again, I'm sorry about the CDE logs not having arrived. Perhaps some of the missing material can be worked into next month's column--but my allocation for July is only four pages.

I'll fill some of the space left with some relay swap frequencies from A/O-land. RCI's transmissions via R. Beijing transmitters in Xian are running, since the beginning of April, on the following schedule: 1300-1329--11955, 15435 kHz w/EE to India 1330-1359--9535, 11795 kHz w/JJ to East Asia The RCI engineers have been getting reports that the Xian relay xmsns are plagued with poor audio quality. They're working on the problem, but if you, too, are hearing distorted audio on these xmsns, they would appreciate hearing from you. (Of course, if you can hear them, why not send a logging this way, too.)

Here's the latest (J89) skeds for R. France Internationale's swaps via Far East sites:

<u>Via China</u>	<u>Via Japan</u>
11895 kHz--1100-1200	15215 kHz--0930-1230
11925 kHz--1400-1500	17705 kHz--1030-1200
15275 kHz--0100-0200	17710 kHz--2300-0030
15285 kHz--1030-1130	

All of these transmissions are in PF only. Here, too, if you can log them, why not let me, and all of us, know. (It's fun to brag, isn't it?)

R. Beijing has another relay swap agreement in the works, this time with R. Austria International. According to a recent report on "Austrian Shortwave Panorama," the two stations are quite close to signing an agreement for a two-hour per day swap of transmitter time; however, no date for the beginning of the swap was given.

That's about all for this month. Reception conditions have been pretty good lately, so don't pack the receiver away for the summer with the snowshoes and mittens. Summer DX is more fun than ants at a picnic, and certainly safer than sunbathing, so why not give it a try!

73-BIM



# ASL REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

## AFRICA

- EGYPT** R Cairo: 9900 f/d Nile cd in-118 ds. (Brown-IL). f/d Cairo cd w/ Calendar in 163 ds. (Gerstner-NY).
- ETHIOPIA** VORZ: 9660 f/d Antenna cd w/ sticker & info in 4 1/2 wks for 2 ircs. (Fisher-MA).
- GABON** Africa #1: 4830 n/d Logo cd in many ds. (Weber-OH).
- GHANA** GBC: 4915 f/d Crest cd in 22 ds for a tape & 2 ircs. V/S E. Gencal. (Calligan-CA).
- KENYA** VOK: 4934 f/d Aerogramme in 84 ds for an irc. V/S Augustine Kenyanyum Galhui. (Kunkel-CA). f/d ltr in 94 ds for 2 ircs. (D'Angelo-PA). f/d ltr in 3 mo for 2 ircs. (Fisher-MA).
- MADAGASCAR** R Nederland Relay: 15175 f/d cd in 68 ds for an irc. (Johnson-ID).
- MALI** RDTV Malienna: 4835, 5995, 7110 & 7285 f/d Map/Logo cd in 129 ds for a PP rpt & an irc. (Kunkel-CA).
- NIGERIA** VOM: 7255 f/d Airport cd in 81 ds for a tape & ms. (Blight-MD).
- RWANDA** DW Relay: 7225 f/d Globe cd in 45 ds w/ sticker. (Wright-MB).
- SEYCHELLES** BBC Relay: 15420 f/d ltr in 13 ds for \$1. V/S Peter J. Loveday. (Masamune-JN).
- SOUTH AFRICA** Radio RSA: 25790 f/d Rhino cd in 21 ds for 2 ircs. (OH-Berhent).
- ZAMBIA** SBC: 4911 f/d friendly personal ltr w/ cd in 34 ds for \$2. V/S William Lukozu. (D'Angelo-PA).

## ASIA

- CHINA** R Beijing: 9690 & 11715 f/d Hall cd in 20 ds. (Levison-PA). 11715 f/d Temple cd w/ pennant & badge in 25 ds for \$1. (Berhent-OH). CPBS-2: 4250 f/d Great Wall cd in 23 ds for a CC rpt. (PA-Levison). Hailongjiang PBS: 4840 n/d ltr w/ sked in 49 ds. (Jones-TN). 2 n/d cds in 417 ds. (D'Angelo-PA). Xinjiang PBS: 5800 f/d ltr w/ postcard in 60 ds. V/S Guo Ying. (Eckert-PA).
- INDONESIA** RRI Mataram: 3223 f/d personal ltr w/ sked & info in 27 ds for an IN rpt & \$1. V/S Soekino. (Coday-CA). RRI Bengkulu: 3265 f/d ltr in 31 ds for an IN rpt & ms. V/S Dra. H. Hamdan Syahbeni. (Masamune-JN). RRI Wamena: 4871 p/d ltr in 22 ds for an IN rpt & ms. V/S Orlein Sitorus. (Masamune-JN). RRI Nabire: 5055 f/d ltr in 24 ds for an IN rpt & ms. V/S Ismail Saya. (Masamune-JN).
- ISRAEL** KOL Israel: 11605 f/d Logo cd w/ sked in 42 ds (Tunick-CT). f/d cd w/ skeds in 62 ds for 2 ircs. (Gears-IL).
- JAPAN** R Japan: 11800 p/d Mt. Fuji cd w/ sked in 23 ds (Leader-IRE). NBB: 9595 f/d Anniversary cd in 30 ds for 2 ircs. (Johnson-ID).
- MALAYSIA** VOM: 15295 p/d personal ltr in 120 ds for a tape-which was stolen in transit:- and \$1. V/S Mhd. Safiam bin Abdoul Ghani. (Eckert-PA).
- NEPAL** R Nepal: 3230 f/d Studio cd in 2 yrs for \$1. (Masamune-JN). 5005 f/d cd in 341 ds for a tpe & \$1. V/S R.S. Karka. (Radtke-CA).
- PAKISTAN** R Pakistan: 17660 p/d Karachi cd in 91 ds for 2 ircs. (ID-Johnson).
- PHILIPPINES** R Veritas Asia: 11755 n/d postcard in 6 wks for \$1. (Wallace-WA).
- SINGAPORE** SBC: 11940 f/d Night panorama cd w/ sked & goodies in 11 mo for \$1- which was returned. (Matsushita-JN).
- SOUTH KOREA** R Korea: 15575 n/d cd in 26 ds. (Jones-TN). f/d Duckscoo Palace cd w/ pennat sked & form in 27 ds. (Cichorek-NJ). f/d cd w/ skeds in 64 ds for 2 ircs. (Gears-IL).

- SYRIA R Damascus: 9950 f/d Map/Tower cd w/ flag & goodiss in 26 mo for 2 ircs. V/S Lisa Arslanian. (Cichorak-NJ). 12085 f/d cd w/ sticker in 221 ds. (George-NC). f/d cd in 230 ds for 2 ircs. (ID-Johnson).
- TAIWAN Voice of Asia: 7445 f/d Memorial Hall cd w/ calendar & stickers in 22 ds after f-up for 2 ircs. (D'Angelo-PA). f/d cd w/ pennant, sticker & ltr in 112 ds for \$1. (Cichorak-NJ). WYFR Relay: 11550 f/d logo cd in 28 ds for a tape & a SASE. (Blight-MD).
- TURKEY Turkish Police Radio: 6340 f/d cd w/ info in 137 ds for \$1. (George-NC).
- U.A.E. R Dubai: 15435 f/d Map cd in 50 ds. (Huffaker-MX).
- YEMEN R Sana'a: 9780 f/d form ltr w/ postcard in 94 ds after 4 rpt for \$2. V/S Abdullah Farhan. (Evans-TN).

#### EUROPE

- AUSTRIA RAI: 9875 f/d Carinthia cd w/ skeds in 32 ds for 2 ircs. (Gears-IL). f/d Tyrol cd in 65 ds for 2 ircs. (Johnson-ID).
- BELGIUM BRT: 9925 f/d Leopold I Monument cd in 75 ds. (Johnson-ID). 17560 f/d Planting cd in 60 ds. (Mahling-MA).
- BULGARIA R Sofia: 7115 f/d Sofia cd in 60 ds. (Huffaker-MX). 11720 f/d Building cd in 63 ds. (Johnson-ID).
- CZECHOSLOVAKIA R Prague: 11990 f/d Chateau cd in 39 ds. (Levison-PA). f/d Castle cd in 55 ds forean irc. (Johnson-ID).
- DENMARK R Denmark: 15165 f/d Painting cds in 21 ds for taped rpts. (Blight-MD).
- FRANCE RFI: 9800 f/d X'mitter cd in 30 ds for 3 ircs. (Calligan-CA). 17795 f/d Paris cd w/ sked in 55 ds for an irc. (Berhent-OH).
- GERMAN DEM. REP. RBI: 9730 f/d Castles cd in 85 ds. (Mahling-MA).
- GREAT BRITAIN VOA Relay: 7200 f/d Statue cd in 43 ds for ms. (ID-Johnson).
- HUNGARY R Budapest: 9835 f/d Logo cd in 49 ds. (Levison-PA).
- ITALY RAI: 9575 f/d Painting cd in 118 ds. (Brown-IL).
- LUXEMBOURG RTL: 15350 f/d Logo cd w/ stickers & photo in 19 ds. (Jones-TN).
- MALTA IBRA Radio: 7110 f/d CN Tower cd w/ ltr in 34 ds for \$1. (Blight-MD).
- NETHERLANDS RN: 6020 f/d Town cd in 34 ds for 2 ircs. (Gears-IL).
- NORWAY RNI: 11840 f/d Oil Platform cd in 24 ds for 2 ircs. (Johnson-ID).
- ROMANIA R Bucharest: 5990 f/d County Emblem cd w/ skeds in 87 ds. (Levison-PA).
- SPAIN RFE: 9630 f/d Fountain cd w/ skeds in 62 ds for a SS rpt & 2 ircs. (Gears-IL). R Beijing Relay: 9690 f/d Hall cd w/ sked & pin in 1 mo. (Wallace-MA).
- SWEDEN RSI: 11705 f/d Midnight Sun cd w/ poster in 14 ds. (Huffaker-MX). 21610 f/d Waterfront cd in 30 ds. (Levison-PA).
- SWITZERLAND SRI: 6135 f/d Castle cd in 21 ds for \$1. (Berhent-OH). 12030 f/d Berne cd in 12 ds. (Brown-IL). 12035 f/d Dalsburg cd in 42 ds. (Huffaker-MX).
- VATICAN CITY R Vaticana: 11750 f/d Vatican cd in 44 ds. (Huffaker-MX).

#### U.S.S.R.

- R Kiev: 15445 f/d Scenes cd w/ bookmark in 66 ds. (Levison-PA).
- R Moscow: 7310- Ivano Frankovsk f/d cd in 55 ds. (Huffaker-MX). 7115 f/d cd in 51 ds. (Berhent-OH). 7310 f/d Art cd in 60 ds for 2 ircs. (Gears-IL).
- R Peace & Progress: 7360 f/d Fiats cd in 1 mo w/ sked. (Wallace-MA).
- R Tallin: 5925 f/d Art cd in 54 ds. (Radtke-CA).
- R Vilnius: 7400 f/d National Items cd in 162 ds. (Leader-IRE). 13645 f/d "Land of Amber" cd in 57 ds for an irc. V/S Edvina Butkus. (Johnson-ID).

Not quite enough room to start N Am here, so I'll just say that there was a great turn-out this month- alot of quality stuff too! Greetings to all the newcomers this month...

NORTH AMERICA

- ALASKA KHLB: 6065 f/d X'mitter cd in 10 ds for ms. (Brown-IL). f/d Map cd in 12 ds for ms. (Brown-IL).
- CANADA CFCX: 6005 p/d City cd in 28 ds for \$1. Also got a ltr stating as of 1 May their new address: 1200 McGill College Drive, Suite 300, Montreal PQ, H3B 4G7. (Blight-MD). CKZU: 6160 f/d CBC cd in 10 ds for ms. V/S S. Muston. (Weber-OH). R Japan Relay: 5960 n/d Mt. Fuji cd w/ skeds in 35 ds for 2 ircs. (Gears-IL). 6120 f/d Winter cd in 17 ds. (Huffaker-MX).
- GUATEMALA R Chortis: 3380 f/d ltr in 21 ds for a SS rpt. V/S Juan Maria Boxus. (Masamune-JN). R Buenas Nuevas: 4800 p/d Bird cd in 25 ds for a SS rpt. (Masamune-JN). R K'ekchi': 4845 f/d cd & ltr w/ pennant & info in 142 ds for a SS rpt & \$1. V/S David Daniell. (D'Angelo-PA). Union Radio: 5980 f/d Map/Antenna cd w/ pennant, info & calendar in 53 ds for a SS rpt & \$1. V/S Juan Francisco Lopez. (Archer-NC).
- NETHERLANDS ANTILLES RN Relay: 6165 f/d Montage cd in 13 ds. (Brown-IL). 9715 f/d cd in 20 ds. (Brown-IL). f/d Balloon Anniversary cd w/ pc in 95 ds for an irc. (Kunkel-CA). 15315 f/d X'mitter cd in 19 ds for 2 ircs. (Berhent-OH). TWR: 11930 f/d Map cd in 22 ds. (Huffaker-MX). f/d cd w/ many goodies in 32 ds for \$1. (Blight-MD). 15345 f/d Map cd w/ goodies in 14 ds for 3 ircs. V/S Sally Rork. (Calligan-CA).
- U.S.A. R Marti: 11930 f/d Bust cd in 34 ds for a SS rpt & ms. V/S Mike Pallone. (Johnson-ID). VoFC Relay: 5985 f/d Target area cd w/ goodies in 41 ds. (Levison-PA). f/d Sunset cd w/ goodies in 48 ds for \$1. (Berhent-OH). f/d Globe cd in 69 ds. (Brown-IL). f/d Tso Ying Pavillion cd w/ goodies in ?? ds. (Levison-PA).

OCEANIA

- AUSTRALIA VLO9: 9660 f/d cd w/ stickers in 62 ds for 2 ircs. (MB-Wright).
- FRENCH POLYNESIA RFO: 11825 f/d Logo cd in 50 ds. (Huffaker-MX).
- NEW CALEDONIA RFO: 7170 n/d Map/Logo cd in 159 ds for a FF rpt & 2 IFGS after a f-up. (Cichorek-NJ).
- NEW ZEALAND RMSI: 15150 f/d Soccer cd in 60 ds for 3 ircs. V/S Rudi Hill. (Calligan-PA). 17705 f/d Pennant cd in 18 ds for 3 ircs. (Brown-IL).
- NORTHERN MARIANAS KYOI: f/d prepared ltr in 7 ds for a SASE. V/S S. Johnson. (Blight-MD).
- PAPUA NEW GUINEA R Morobe: 3220 f/d personal ltr in 22 ds for \$1. V/S A.R. Nase. (Coday-CA). R East Sepik: 3335 f/d Map/Logo cd in 196 ds for ms. (Evans-TN). R Eastern Highlands: 3395 p/d personal ltr in 21 ds for ms. V/S Kiri Nige. (D'Angelo-PA).

SOUTH AMERICA

- BRAZIL RadioBras: 11745 f/d Rio Beaches cd w/ sticker & sked in 64 ds. V/S Claudia Carneiro. (Wright-MB). f/d cd w/ sticker & sked in 225 ds after f-up for 2 ircs. (Cichorek-NJ). R Nacional Manaus: 4845 f/d pfc w/ ltr in 54 ds for a PP rpt & \$1. V/S Eudson Monteiro Lima. (D'Angelo-PA). R Alvorada: 4965 f/d pfc in 65 ds for a PP rpt & ms. V/S Lainou de la Siheer. (D'Angelo-PA).
- COLOMBIA R Nueva Vida: 5567 f/d pfc w/ ltr & info in 50 ds for a SS rpt & \$1. V/S Marco Antonio Caicedo O. (D'Angelo-PA). LV de los Centauros: 5955 n/d cd in 59 ds for a SS rpt. V/S Juan Carlos Torres Leyva. (Masamune-JN).
- ECUADOR HCBJ: 6130 f/d Stamps cd in 21 ds for 3 ircs. (Calligan-CA). 9610 & 9745 f/d Flowers cd in 18 ds (Brown-IL). 11775 & 11925 f/d cd in 18 ds. (Brown-IL). 15155 f/d cd w/ sked & goodies in 31 ds for \$1 & an irc. (Berhent-OH). 17790 f/d Skethbook cd in 34 ds (Blight-MD).
- FRENCH GUIANA R Beijing Relay: 11695 f/d cd w/ site in 24 ds. (JN-Masamune).
- PERU R Melodia: 5973 f/d cd w/ pennant & pc in 55 ds for a SS rpt. V/S Hermogenes Delgado Torres. (Masamune-JN).
- VENEZUELA R Tachira: 4830 p/d ltr in 42 ds for a SS rpt. V/S Eleazar Silva M. (Masamune-JN). R Continental: 4940 f/d Logo cd in 5 mo for a SS rpt. (Huffaker-MX).

UTILITIES

CANADA UFX: 260 f/d pfc in 25 ds for ms. (O'Connor-NH).  
DENMARK OVG: 8148 f/d cd in ?? ds. (Pagano-DC).  
FRANCE PDX: 5030 f/d cd in ?? ds. (Pagano-DC).  
JAPAN JCT: 12687 f/d Antennas/Logo cd w/ n/d ltr in 55 ds for an irc. (O'Connor-NH).  
MALAYSIA 9MB6: 16950 f/d pfc in 36 ds for ms. (O'Connor-NH).  
NORWAY LPU: 6467 p/d ltr in 211 ds for an irc. V/S Ove Wettergreen. (Gerstner-NY).  
SOUTH AFRICA 88J2: 4186 f/d cd in 240 ds for 2 ircs. (Pagano-DC).  
U.S.A. LI: 346 f/d pfc in 10 ds for ms. (O'Connor-NH). KZU: 12432.2 f/d pfc in 16 ds for ms. (O'Connor-NH).  
ZAIRE 9PA: 8445 f/d pfc w/ f/d form ltr in 113 ds for an irc. V/S Masuwi: Auma Katenga. (O'Connor-NH).  
BHIPS NCDG: 2716 f/d ltr w/ photo in 3 wks for a SASE which was returned. (Gordon-CT). NHDB: 2716 f/d ltr in 2 wks for a SASE. (Gordon-CT). NNWI: 2716 & 14441.5 f/d ltr w/ photo in 6 wks for a SASE-which was returned. (Gordon-CT). NBZO: 4066.1 f/d ltr w/ pamphlet in 2 wks for a SASE. (Gordon-CT). NDKB: 4066.1 f/d ltr w/ pamphlet in 3 wks for a SASE. (Gordon-CT). NGKO: 7535 f/d post card w/ photo & folder in 2 wks for a SASE which was returned. (Gordon-CT). C6BW5: 8204.3 f/d pfc in 55 ds for an irc which was returned. (O'Connor-NH). 3EVU2: 8204.3 f/d pfc in 63 ds for an irc which was returned. (O'Connor-NH). NDKW: 13826 f/d ltr in 8 mo. for a SASE. (Gordon-CT). NJUL: 14441.5 f/d ltr in 3 wks for a SASE. (Gordon-CT). NOLI: 14441.5 f/d ltr in 5 wks for an SASE. (Gordon-CT). NNNOCUY: 14441.5 f/d ltr in 2 wks for an SASE. (Gordon-CT). GZIS: 16463.1 f/d pfc w/ info in 41 ds for an irc. (NH-O'Connor). WSC-6773: 16463.1 f/d pfc in 13 ds for an irc. (O'Connor-NH). GDXM: 16496 f/d pfc in 56 ds for an irc which was returned. (O'Connor-NH). WPGJ: 16587.1 f/d pfc in 22 ds for ms. (Gerstner-FL). WSE-3217: 22015.5 f/d pfc in 75 ds for ms. (O'Connor-NH).

CLANDESTINES & PIRATES

Falling Star Radio: 6240 f/d ltr in 72 ds for a SASE. V/S Al Chandler (Jones-TN).  
WENJ: 7415.6 f/d cd in 4 ds after call to stations answering machine. (Blight-MD).

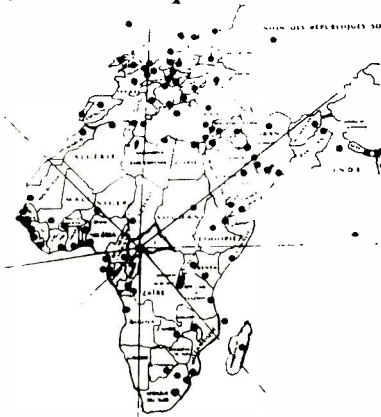
That's all for another month of QSL's...it's good to see you Ute's again! Keep up the good work everyone & I'll be back again next month..  
 73 & best, *Ray*



**Radio Centrafrique**

**RADIODIFFUSION  
 TELEVISION  
 CENTRAFRICAINE**

B. P. 940 BANGUI  
 (REPUBLIQUE CENTRAFRICAINE)  
 TEL. 01.29.00 TELEX 9301 RC



# Utility Scene

Editor: Paul Lannuier, N2HIB

25 Mac Arthur Avenue, Closter, New Jersey 07624

## Fixed Coastal and Naval Stations

KHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
2182.0	USB	USA	NMF2	Woods Hole, MA	0235	USCG. Cig USCGC CHILULA	O'Connor-NH
2182.0	USB	USA	NMA21	St. Petersburg, FL	0320	Broadcast announcement	O'Connor-NH
8294.5	USB	USA	WJK	Miami, FL	0331	Wkg WYH #108. J.A. BELCHER SR.	
8436.0	CW	USSR	UCO	Yalta Radio	2057	Several CQ calls	O'Connor-NH
8437.0	CW	Algeria	2TF	Boufarik Radio	2053	CQ Marker	Conway-UK
8445.0	CW	Zaire	9PA	Banana Radio	1932	V Marker	Conway-UK
8445.0	CW	Taiwan	XSX	Keelung Radio	2107	CQ Marker	Conway-UK
8450.0	CW	Libya	5AB	Benghazi Radio	1937	V/CQ Marker	Conway-UK
8471.6	CW	Egypt	SUP	Port Said Radio	2053	V/CQ Marker	Conway-UK
8478.0	CW	Australia	VIS	Sydney Radio	2055	Long range wx forecast	Conway-UK
8484.5	CW	Saudi Arabia	HZG	Damman Radio	2115	DE Marker	Conway-UK
8504.0	CW	Turkey	TBO	Izmir Naval	2122	Turkish Navy. V marker	Conway-UK
8539.0	CW	Hong Kong	YPS	Hong Kong Radio	2018	DE Marker	Conway-UK
8571.0	CW	Japan	JNA	Tokyo Radio	0703	V/CQ Marker and QTC list	Conway-UK
8578.0	CW	Egypt	SUH3	Alexandria Radio	2108	CQ Marker	Conway-UK
8662.0	CW	Turkey	TAH	Istanbul Radio	2054	CQ Marker	Conway-UK
8670.0	CW	Italy	IAR	Roma Radio	0355	V Marker	O'Connor-NH
8679.3	CW	New Zealand	ZLPM	Irirangi Naval	0709	RNZ Navy. V Marker	Conway-UK
8688.5	CW	South Africa	ZSC6	Capetown Radio	0348	Cig CQ	O'Connor-NH
8694.0	CW	Israel	IXO	Haifa Radio	0346	Cig CQ	O'Connor-NH
8694.0	CW	Angola	D3E52	Luanda Radio	0346	Cig CQ	O'Connor-NH
8698.0	CW	Malaysia	9MG2	Penang Radio	2047	CQ Marker	Conway-UK
8796.4	USB	USA	WLC	Rogers City Radio, MI	0250	Weather Iprecast	O'Connor-NH
12664.5	CW	Tahiti	FUM	Papeete Naval	0413	French Navy. V Marker	Alexander-IA
12741.0	CW	France	HWN	Paris Naval	0415	V Marker	Alexander-IA
12857.0	CW	Senegal	6WW	Dakar Naval	0455	French Navy. V Marker	Alexander-IA
12887.5	CW	Spain	EAD44	Aranjuez Radio	0502	DE Marker	Alexander-IA
13057.0	CW	Argentina	LSA	Boca Radio	0358	V Marker	O'Connor-NH
13452.3	USB	USA	KZU	Harvey, LA	0433	Wkg tug GULF MISS	O'Connor-NH
16911.0	CW	Japan	JNA	Tokyo Radio	.....	CQ Marker	Alexander-IA
17006.0	CW	South Africa	ZRQ3	Capetown Radio	1356	V Marker	Berri-CA
17007.7	CW	USA	KLB	Seattle Radio, WA	1936	CQ Marker	Conway-UK
17075.0	CW	South Africa	ZSD47	Durban Radio	1308	DE Marker	Berri-CA
17132.0	CW	South Africa	ZSJ6	Capetown Radio	1315	DE Marker	Berri-CA
17170.4	CW	New Zealand	ZLB	Awarua Radio	1237	DE Marker	Gerstner-FL
17194.4	CW	Brazil	PPR	Rio de Janeiro Radio	0410	V Marker	O'Connor-NH

## Other Fixed Stations (including Aero and Meteo)

KHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
5696.0	USB	USA	NMN	COMMSTA Portsmouth, VA	0300	USCG. Cig CG 2133	Caderette-MA
5696.0	USB	USA	NMF	COMMSTA Boston, MA	0007	USCG. Wkg RESCUE 2111 and others	Caderette-MA
5696.0	USB	USA	NMG	COMMSTA New Orleans, LA	0051	USCG. Wkg G1A	Caderette-MA
8150.0	CW	Guam	NRV	COMMSTA Barrigada	1312	USCG. Wx broadcast	Blair-CA
8175.0	RTTY	Japan	JAE58	Tokyo	1323	850/50R: KYODO Nx freq. DE & RYTRY Marker	Blair-CA
8984.0	USB	USA	NMP	COMMSTA Boston, MA	0017	USCG. Phone patch to Elizabeth City	Caderette-MA
8993.0	USB	USA	AFE8	MacDIII AFB, FL	0248	USAF. Wkg TEAL ops	O'Connor-NH
9287.0	RTTY	Central African Republic	TLO	Bangui	2133	425.50: ASECNA. 'DE TLO TESTING...'	Conway-UK
10390.0	USB	Japan	JBE60	Tokyo	1432	QSO in Japanese. No ID	Blair-CA

11300.0	USB	Kenya	NYU	Nairobi	1545	ICAO AFI-3 area. Wkg Khartoum	O'Connor-NH
11300.0	USB	Egypt	SUC	Cairo	1845	ICAO AFI-3 area. Wkg ALITALIA 836	O'Connor-NH
14390.5	RTTY	USA	AFA2X0	Miami, FL	2100	170/75: USAF MARS. MARS-grams to AIR. Also USB	Conway-UK
14390.5	RTTY	USA	AIR	Andrews AFB, MD	2050	170/75: USAF MARS. Wkg AFA2X0. Also USB	Conway-UK
14437.0	USB	Unknown		Unknown	1850	Unidentified feeder in unk. language. Opera after 1910	Cadorette-MA
14497.0	RTTY	Azores	CSY	Santa Maria	2105	'MCA' circuit t/c	Conway-UK
14722.5	RTTY	Congo	TNL	Brazzaville	1424	425/50R: 'DE TNL...' Testing and RYRYRY	Blair-CA
15684.0	RTTY	France	FSB	Paris	1857	INTERPOL. T/c & Morse ID	Conway-UK
15950.0	RTTY	Uruguay	CXR	Montevideo Naval	2018	850/75: Cig 5KM w/RYRYRY	Conway-UK
17200.5	RTTY	Japan	JCS	Choshi Radio	....	ARQ: T/c to H9BQ	Blair-CA
17203.0	RTTY	Guam	NRV	COMMSTA Barrigada	1920	FEC: USCG. Wx forecast. Ended giving full postal address	Conway-UK
18363.5	RTTY	Zaire	9PL	Kinshasa	2036	'ZA' circuit t/c	Conway-UK
18388.6	RTTY	Libya	5AF	Tripoli	1400	425/50: RY test and 'LSA' circuit t/c. Usually hrd all day & evening.	Conway-UK
18550.0	RTTY	Panama	NBA	NAVCOMMSTA Balboa	2048	USN. DE NBA INT QSL...QRU	Conway-UK
20838.5	RTTY	Unknown		Unknown	1700	5 ltr group msg. Mentioned 'EMBACUBA ZAIRE' then off	Conway-UK
20936.0	USB	Spain	NNN0R0	Rota Naval	1920	USN MARS. Wkg stateside (CONUS) stations	Conway-UK

### Aeronautical Mobile Stations

KHz	MODE	NAME	UTC	REMARKS	CONTRIBUTOR
5547.0	USB	QANTAS 13	0824	ICAO CEP5 area. Wkg San Francisco. Pos. report & FL check	Calligan-CA
5547.0	USB	NEW ZEALAND 1	0825	ICAO CEP5 area. Wkg San Francisco. Pos. report & FL check	Calligan-CA
5547.0	USB	QANTAS 12	0835	ICAO CEP5 area. T/c from San Francisco re FL restrictions	Calligan-CA
5547.0	USB	CONTINENTAL 9	0854	ICAO CEP-5 area. Wkg San Francisco w/pos. report 'Pilco'	Calligan-CA
5547.0	USB	UNITED 815	0931	ICAO CEP-5 area. Pos. report to San Francisco. Relay to company	Calligan-CA
5547.0	USB	PHILIPPINES 103	0812	ICAO CEP-5 area. Pos. report to San Francisco	Calligan-CA
5643.0	USB	NEW ZEALAND 136	1210	ICAO SP-6 area. Pos. report to Sydney	Calligan-CA
6640.0	USB	DELTA 104	0933	Phone patch to company LDOC	Calligan-CA
6655.0	USB	CANADIAN 8	1205	ICAO NP-3 area. Pos. report to Honolulu	Calligan-CA
6655.0	USB	DYNASTY 006	1208	ICAO NP-3 area. Wkg Tokyo re altitude restrictions	Calligan-CA
6655.0	USB	AMERICAN 60	1210	ICAO NP-3 area. Pos. report to Honolulu, 43N 170E	Calligan-CA
6655.0	USB	SINGAPORE 18	1236	ICAO NP-3 area. Pos. report to Honolulu	Calligan-CA
6655.0	USB	WORLD 6187	1024	ICAO NP-3 area. Wkg Tokyo. Frequency change from 8951.0	Calligan-CA
6756.0	USB	AIR FORCE 2	2350	USAF. Wkg Andrews AFB, MD	Alexander-PA
6812.0	USB	SAM 60202	1720	USAF. Wkg Andrews AFB, MD	Alexander-PA
8325.0	USB	SPEEDBIRD 258	0359	ICAO NAT-A area. BAW Concorde wkg NY	O'Connor-NH
8325.0	USB	KLM 755	0400	ICAO NAT-A area. Wkg New York	O'Connor-NH
8846.0	USB	DOMINICANA 903	2031	ICAO W-CAR area. Wkg New York	O'Connor-NH
8846.0	USB	VIRGIN 005	2033	ICAO W-CAR area. Wkg New York	O'Connor-NH
8846.0	USB	AIR CANADA 068	2042	ICAO W-CAR area. Wkg New York	O'Connor-NH
8867.0	USB	CONTINENTAL 16	1302	ICAO SP-7 area. Pos. report to Honolulu	Calligan-CA
8867.0	USB	UNITED 816	1321	ICAO SP-7 area. Wkg Honolulu w/pos. report & FL change	Calligan-CA
8867.0	USB	HAWAIIAN 462	1135	ICAO SP-7 area. Wkg Nandi while on ground at Pago Pago	Calligan-CA
8867.0	USB	CONTINENTAL 1	1140	ICAO SP-7 area. T/c from Honolulu re altitude restrictions	Calligan-CA
8867.0	USB	NEW ZEALAND 233	0558	ICAO SP-6 area. Special wx report from Auckland	Calligan-CA
8867.0	USB	JAPAN AIR 161	0600	ICAO SP-6/7 areas. ETA Sydney to Nandi	Calligan-CA



8891.0	USB	ASCOT 5394	1453	ICAO NAT-D area. Wkg Gander	O'Connor-NH
8891.0	USB	SPEEDBIRD 282	0811	ICAO NAT-D area. Wkg Shannon. Relay FL change to Gander	Calligau-CA
8891.0	USB	TIGER 1021	1136	ICAO NAT-D area. Pos. report to Cambridge Bay	Calligau-CA
8903.0	USB	NORTHWEST 10	1133	ICAO CWP-2 area. Request fro FL change	Calligau-CA
9320.0	USB	SAM 24126	2017	USAF. Wkg Andrews AFB, MD	Alexander-PA
11055.0	USB	AIR FORCE 2	2325	USAF. Wkg Andrews AFB, MD	Alexander-PA
11179.0	USB	MAC 268	0248	USAF. Wkg Hickam AFB, HI	O'Connor-NH
11300.0	USB	EGYPTAIR PV	1857	ICAO AFI-3 area. Wkg Cairo	O'Connor-NH
11484.0	USB	SAM 86971	2123	USAF. Wkg Andrews AFB, MD	Alexander-PA
13204.0	USB	SAM 60204	2304	USAF. Wkg Andrews AFB, MD	Alexander-PA
13455.0	USB	PACOM 01	0000	USAF. Wkg Andrews AFB, MD	Alexander-PA

### Maritime Mobile Stations

KHz	MODE	NAME	CALL	UTC	REMARKS	CONTRIBUTOR
2132.0	USB	GYPSUM KING	GUQT	0309	Wkg Yarmouth, NS, CG Radio	O'Connor-NH
2714.0	USB	USS SARATOGA	NJRS	1020	Cig tug control	Gordon-CT
2716.0	USB	USS CAPODANNO	NFVC	0000	Wkg Newport Port Control	Gordon-CT
2716.0	USB	USS TRIPPE	NJEC	0020	Cig Charleston Tug Control	Gordon-CT
2716.0	USB	USS IOWA	NEPM	2200	Wkg Norfolk Tug Control. Returning w/damaged turret	Gordon-CT
2716.0	USB	USS REID	NSCR	0835	Cig San Diego	Gordon-CT
2716.0	USB	USS VALDEZ	NIDC	0000	Cig Newport Port Control	Gordon-CT
2716.0	USB	USS ESTOCIN	NMJE	1045	Cig Newport Port Control	Gordon-CT
2716.0	USB	USS THORN	NOPO	0940	Cig Charleston Tug Control	Gordon-CT
2716.0	USB	USS BRISCOE	NDIB	1025	Cig Norfolk Tug Control	Gordon-CT
2716.0	USB	USS TRIPPE	NJEC	1040	Cig Norfolk Tug Control	Gordon-CT
4066.1	USB	USS ENTERPRISE	NIQM	0255	Wkg San Diego CSSI	Gordon-CT
4066.1	USB	USS ELLIOT	NAOP	0225	Wkg San Diego CSSI	Gordon-CT
4066.1	USB	USS CAYUGA	NWZJ	0830	Wkg San Diego CSSI	Gordon-CT
4202.0	CW	FRONTIER MAN	JARF	1111	Wkg JNA	Jones-TX
6256.0	RTTY	SENGEI ESENIN	UNXE	1108	170/50N: Tlc to CLJ	Blair-CA
6263.5	RTTY	ROSITA PACIFIC	LAIP2	1244	ARQ: Ship in ex-YAMATO PACIFIC	Blair-CA
7335.0	USB	USS DONALD B. BEARY	NQUB	1850	Wkg Norfolk SESEF	Gordon-CT
7335.0	USB	USS SAVANNAH	NJFF	1750	Wkg Norfolk SESEF	Gordon-CT
7337.0	USB	USS BAMBEY	NDSO	1845	Wkg Norfolk SESEF	Gordon-CT
8241.5	USB	USCGC KEY LARGO	....	0343	Wkg COMSTA New Orleans, LA	O'Connor-NH
8291.0	USB	OMI WABASH	WGWC	0847	Wkg KHT w/radio test	Gerstner-FL
8291.1	USB	AMERICAN PRIDE	WTE 8418	0416	Wkg AMERICAN EAGLE	O'Connor-NH
8298.5	RTTY	RTMS 7570	UUCG	0317	170/50N: Wkg Tallin	Alexander-IA
8349.0	RTTY	SAGAFJORD	CGZU	2330	ARQ: Wkg WLO w/telex tlc	Gerstner-FL
8351.0	RTTY	AMERICA EXPRESS	DIMC	0253	ARQ: Tlc to WLO	Blair-CA
8353.0	RTTY	ALEKSANDR	....	....	....	....
8719.0	USB	USS ADROIT	NCFR	1005	Cig COMSUPRON-8	Gordon-CT
12497.5	RTTY	CONCORDIA	DLHW	1318	ARQ: Telex tlc to KPH	Blair-CA
12497.5	RTTY	CECILIE MAERSK	DUWM2	1349	ARQ: Tlc to KPH	Blair-CA
12503.5	RTTY	M/V BINGHE	BOTC	2352	ARQ: Wkg WLO w/telex tlc	Gerstner-FL
12504.5	RTTY	RICHARD MATTHIENSEN	WLBY	2345	ARQ: Wkg MNM w/telex tlc	Gerstner-FL
12520.5	RTTY	BATM 6123	UUUU	0214	170/50N: Wkg Riga	Alexander-IA
12522.5	RTTY	IBERT LAGUNA	....	0230	170/50N: Wkg Riga	Alexander-IA
12523.5	RTTY	TR IVAN PRIBYLJSKIA	UNOG	0215	170/50N: RYRYR & cig URL. Into tlc	Alexander-IA
12588.0	CW	TRIDENT AMBER	9KCF	2015	Wkg WLO	Jones-TX
13626.0	USB	USS CORAL SEA	NNNONZQ	0055	Radio checks w/USS JUNEAU	Gordon-CT
14441.5	USB	USS ILLUSIVE	NNNOCUY	0035	Cig 'any stationside MARS station	Gordon-CT
14441.5	USB	USCGC EAGLE	NNNOCJ	2345	USCGC training cutter. Wkg NNNONBL	Gordon-CT
14441.5	USB	USS MANITOWAC	NNNOCRH	2350	Cig 'any stationside MARS station	Gordon-CT
14441.5	USB	USS TICONDEROGA	NNNOCYG	2300	Wkg NNNOXEN	Gordon-CT
14441.5	USB	USS YORKTOWN	NNNOCYT	2345	Wkg NNNONIG	Gordon-CT
14441.5	USB	USS JOHN KING	NNNOCMF	0115	Wkg NNNOKHO	Gordon-CT
14441.5	USB	USS GARY	NNNOCNG	0030	Radio check w/USS LEXINGTON	Gordon-CT
14441.5	USB	USS FIFE	NNNOCWP	0030	Wkg NNNONUW	Gordon-CT
14441.5	USB	USS WAINWRIGHT	NNNOCXZ	2350	Wkg NNNONIM	Gordon-CT
14441.5	USB	USS ENGLAND	NNNOCNE	0025	Cig 'any West Coast MARS station'	Gordon-CT
14441.5	USB	USS MC CLOY	NNNOCMH	0000	Wkg NNNONIG	Gordon-CT
14463.5	USB	USS DRUMBY	NNNOCZQ	0040	Wkg NNNOKRQ	Gordon-CT
14463.1	USB	ARCTIC ORION	WTG 9034	1703	Wkg KMI	O'Connor-NH

16463.1	USB	FORTIES SERVICE	GUKM	1735	Wkg GKT62 Portishead Radio	O'Connor-NH
16463.1	USB	KETA LAGOON	9GYU	1756	Wkg GKT62 Portishead Radio	O'Connor-NH
16463.1	USB	STELLANOVA	PJBB	1834	Wkg GKT62 Portishead Radio	O'Connor-NH
16463.1	USB	AL ATTARED	HZJN	1849	Wkg GKT62 Portishead Radio	O'Connor-NH
16463.1	USB	ALEUTIAN				
		CHALLENGER	WSP 8753	0215	Wkg KMI	O'Connor-NH
16463.1	USB	FLYING CLOUD	WXL 8591	0235	Wkg KMI	O'Connor-NH
16463.1	USB	DEEP PACIFIC	WTE 8949	1659	Wkg KMI	O'Connor-NH
16463.1	USB	OCEAN HARVESTER	WRX 2638	1707	Wkg KMI	O'Connor-NH
16463.1	USB	ARCTIC WIND	WRC 8795	0219	Wkg KMI	O'Connor-NH
16587.1	USB	EXXON PRINCETON	WGBB	2030	Wkg KHT w/phone patch tlc	Gerstner-FL
16593.3	USB	OMI HUDSON	KNJL	2028	Wkg KHT w/phone patch tlc	Gerstner-FL
16663.5	RTTY	MICRONESIAN				
		INDEPENDENCE	H9BQ	0230	ARQ: Tlc to JCS	Blair-CA
16665.5	RTTY	TRIBULUS	GBVL	1855	ARQ: Tlc to KPH	Blair-CA
16667.5	RTTY	CHILEAN REEFER	C6BR2	2053	ARQ: Wkg WLO w/telex tlc	Gerstner-FL
16667.5	RTTY	GOLDEN FLEECE	ELEY9	1422	ARQ: Tlc	Blair-CA
16670.5	RTTY	SS NORWAY	C6CM7	2120	ARQ: Wkg WCC w/telex tlc	Gerstner-FL
16671.5	RTTY	ANGELIC POWER	SWJ	0246	ARQ: Telex tlc to SVT6	Blair-CA
16672.5	RTTY	PANTHER	3EHC	2101	ARQ: Tlc	Blair-CA
16673.0	RTTY	KOETHEN	Y5OV	1348	ARQ: Wkg Rougen Radio w/telex tlc	Gerstner-FL
16673.5	RTTY	SEA LION	K JLV	1816	ARQ: Wkg NNM w/obs & AMVER report	Gerstner-FL
16673.5	RTTY	SPRAY	KEJD	1555	ARQ: AMVER to WLO	Blair-CA
16674.5	RTTY	MT PANORAMA	SWYH	2124	ARQ: Wkg WLO w/telex tlc	Gerstner-FL
16674.5	RTTY	AMERICAN HAWAII	KBGK	1800	ARQ: Wkg WLO w/obs	Gerstner-FL
16674.5	RTTY	MT CARIBBEAN STAR	ELAW5	1827	ARQ: Wkg WLO w/AMVER report	Gerstner-FL
16675.5	RTTY	M/V ATLANTIS-TWO	P5AB3	2356	ARQ: Wkg Lyngby Radio w/telex tlc	Gerstner-FL
16680.5	RTTY	NEDLLOYD ROCHESTER	PGDZ	1451	ARQ: Telex tlc to PCH65	Blair-CA
16685.5	RTTY	ANTILLES	FNXV	0142	ARQ: Tlc	Blair-CA
16687.0	RTTY	TAI FING HAI	BONM	0047	ARQ: Telex tlc to WLO	Blair-CA
16687.0	RTTY	NEDLLOYD				
		BALTIMORE	PGDT	1846	ARQ: Telex tlc to WLO	Blair-CA
16696.5	RTTY	SVERDLOVSK	LYHR	2328	170/50N: Tlc to UJY	Blair-CA
16703.0	RTTY	EVGENII POLYAKOV	UHMP	1538	170/50N: Tlc to UJY	Blair-CA
16703.0	RTTY	PATRIOT	UUVU	1550	170/50N: Tlc to UJY	Blair-CA
16703.0	RTTY	ATLANTIRO	LYAO	1558	170/50N: Tlc to UJY	Blair-CA
16703.0	RTTY	BORODINSKOE POLE	LYEX	1603	170/50N: Tlc to UJY	Blair-CA
16703.5	RTTY	DIMITRIY POLOUJIANE	UYUX	1945	170/50N: Tlc to UFB	Blair-CA
16710.0	CW	IZHMORSHEDLOSHIN	UBSZ	2108	'DE UBSZ QSA? K'	Blair-CA
16772.0	CW	VICTORY REEFER	SYGA	2015	Wkg OXZ. QSY to 22286.0	Jones-TX
16782.0	CW	TRANS ASPIRATION	3EIO5	0225	Wkg KPH w/message for overseas firms	Jones-TX
16782.0	CW	ARABIAN BREEZE	JQGS	0145	Wkg NMC	Jones-TX
16782.0	CW	FIR GROVE	YJXL2	2352	Wkg VAI. QTH 51N 159W	Jones-TX
16794.0	CW	SHENA	ELFH2	1745	Wkg WCC. Mag to outfit in NY & Singapore	Jones-TX
16795.0	CW	STAR BEACH	DURM	2155	Wkg KPH. QTH 25N 124W	Jones-TX
16822.0	CW	SUNNY SPANKER	H3KK	0145	Wkg JCV	Jones-TX
22208.0	RTTY	RIO ORINOCO	ZGUE	2006	ARQ: AMVER report	Gerstner-FL

CONTRIBUTORS - JUNE 1989:

Brian Alexander - Mechanicsburg, PA  
 Rodney Alexander - Clinton, IA  
 Jason Berri - Torrance, CA (R-2000, ATS-803)  
 Art Blair - San Francisco, CA (NRD-515, M-7000)  
 Norm Cadorette - MA  
 Michael Calligan - Laguna Niguel, CA (Satellite 650, ICF-2010)  
 Peter Conway - East Sussex, England (TS-930S)  
 John Gerstner - Palm Bay, FL (DX-1000)  
 Andy Gordon - West Hartford, CT (NRD-525, ICF-2010)  
 Brian Jones - San Antonio, TX (R-70)  
 Patrick O'Connor - Hinesdale, NH (R-71A)  
 Peggy Thompson - La Crescenta, CA

Sorry for the short column this month..... See you in July!

73 de

*Paul*

**SPEEDH BOARD OF DIRECTORS, 1988-1989:**

President: PEGGY THOMPSON  
Vice-President: JOHN TRAUTSCHOLD  
Directors: RICHARD D'ANGILO, CARL HUFFAKER, and  
WILLIAM WESTENHAVER

**MAGAZINE AND SOCIETY STAFF:**

Business Manager/Treasurer: BOB THURNBERG  
Publisher: ED JANUSZ

Senior Editors: DANIEL SAMBSON and WOODY SEYMOUR  
Editors: JASON BERRI, RAY FORSGREN, CARL HUFFAKER, ED

JANUSZ, PAUL LANNIER, BRUCE MACGIBSON, AL QUAGLIERI,  
THOMAS SABLE, JOHN TRAUTSCHOLD, WILLIAM WESTENHAVER,  
and KENT WILLIS

Membership Chairman: JOHN TRAUTSCHOLD  
Awards Chairman: HAROLD WOERING  
Central Distribution Editor: DAVID JONES  
2120-C MOCKINGBIRD LANE  
BOX 8

SPRINGFIELD, TENNESSEE 37172, USA

**SUBSCRIPTION / MEMBERSHIP FEES:**

USA (First Class Mail)..... \$20.00  
Canada / Mexico (R0 Airmail)..... \$20.00  
Central America / Caribbean (R0 Airmail)..... \$26.00  
Europe / South America (R0 Airmail)..... \$30.00  
Africa / USSR / Asia / Oceania (R0 Airmail)..... \$34.00  
Outside North America (Surface Mail)..... \$20.00  
Subscription payments in \$US only to SPEEDH, Box 196, Dubois, PA 15801  
Please send all renewals, new memberships and changes of address to  
SPEEDH HQ in Dubois, PA.



SPEEDH (ISSN 0882-8091) is published monthly by SPEEDH, Dubois, PA, a non-profit, volunteer hobby organization founded in 1971. SPEEDH is a member of the Association of North American Radio Clubs (ANARC). Opinions expressed by the contributors do not necessarily reflect the views of the Board of Directors, staff or membership. Original material copyright 1989 by SPEEDH. Permission is granted to reprint material from this magazine (except material which is copyrighted by other sources), provided credit is given to SPEEDH and the original source.



P.O. Box 196  
Dubois, PA 15801-0196  
United States Of America

FIRST CLASS MAIL  
UNITED STATES POSTAGE  
**PAID**  
Bricktown, NJ 08723  
Permit No. 101

**FIRST-CLASS MAIL**

TIME VALUE MATERIAL...PLEASE DO NOT DELAY!