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# NORTH AMERICAN SHORTWAVE ASSOCIATION

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JULY 1970

VOL. IX NO. 7

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NASWA HEADQUARTERS                      POST OFFICE BOX 989                      ALTOONA, PA. 16603  
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### WHICH, LOST/DELAYED OR STOLEN?

It is not unusual for Hdqs to get mail from members saying they did not receive their bulletin for a particular month; We can understand a copy or so getting lost or mis-laid enroute. But when, in one month, twelve or so copies, some first-class and some third-class, dont reach destinations, something is way wrong. Several members informed Hdqs that the June bulletin did not arrive. Said members were not from one area of the U.S., but from various. All were mailed on sked along with five-hundred or so others. None were returned to Hdqs even though most were mailed via first-class. We are at a loss as to what happened to them. Most likely they were lost or unduly delayed, surely they were not stolen; Who knows? One thing certain, they were mailed, they were not delivered nor returned. It is beyond us as to why, when several members live in the same city or town and all except one gets his bulletin. It is all the more beyond us as to why, if they are not delivered, they are not returned to Hdqs as is the usual procedure(many times in past, bulletins have been returned for one of many reasons and in case of third-class we have to pay return postage fee) which we expect from the Post Office Department. I discussed the matter with local Postmaster and he assures me all mail was dispatched, that even in case of third-class, it does not remain in Altoona postoffice more than twenty-four hours after picked up or deposited. It is his contention that the loss, delay or theft happens somewhere after it leaves Altoona and he has promised to put "tracer" on certain of the June Frendx (the certain being those mailed via first-class!) According to him, it is not customary for POD to "trace" third-class mail. Meantime there is nothing we can do except hope that this type QRM does not happen again. Those members who did not receive their regular copy have all been sent replacement copy, but they still have right to be irked. What Hdqs wants them and all members to be assured of is that all bulletins are mailed each month and that although there is an error, on occasion...such as wrong address or such, this is the first time we have ever met such uncalled for interference. It is bad enuff that we are "sweating out" a mail strike both in U.S. and Canada, let alone having to cope with these added problems/mysteries.

### MATTHEWS TO REMAIN!!

!We are most pleased to announce that Bill Matthews has decided to remain with us as editor of our SWC section. It goes without saying that the longer an editor stays with a club, does a section/column worthily, it is an asset to that club. Hereto then we are fortunate and happy that Bill has reconsidered. For further info regarding this, be sure to read what he has to say in his SWC section this month. Thank you!                      B.E.

NEW MEMBERS, WELCOME!

Larry Markman, Albany, New York. Via member Douglas Lechleiter.  
 Elise A. Hughey, Thibodaux, Louisiana. Via member Charles Gaharan.  
 Bob Davidson, Chagrin Falls, Ohio. Via the Assoc. of North American Radio Clubs-ANARC.  
 Richard Simonsen, Quimby, Iowa. Via 1969 PE Communications Handbook.  
 Charles W. Arthur, Kokomo, Indiana. Via PE Communications Handbook '70.  
 W. Charles Ganscoe, Chicago, Illinois. Via Radio Today magazine!

RENEWALS

Second year; Edward Bull, Paul Wilson, Bill Martin; John Hedstrom, Edwin Sloan.  
 Third year; Richard Murphy, Chris Pygott.  
 Fourth year; Art Sievers.  
 Fifth year; Edward J. Pyatt.  
 Seventh year; Bill Sparks.  
 Eighth year; William Stevens.

(NOTE: Members joining or renewing after 20th of month will be listed next month.)

HELPING HAND SERVICE

\*For sale: Ameco PCL-P preamplifier. Is in excellent condition. Write to Andrew Pappas 10143 Calumet Avenue, Chicago, Ill. 60628  
 \*For sale: Drake SW4A receiver. In perfect condition. Complete with all original crystals plus one for 60m, and with manual. Write to Richard Murphy, 1518 Dennis Circle El Paso, Texas 79925.  
 \*For sale: Custom engraved deskplates, nameplates, etc. Write to Ed Kelly, 436 Sherman Road, Springfield, Pa. 19064.

REGARDING "REDESIGNING"

Last month we gave mention that Popular Electronics magazine was going to be redesigned and that certain columns would no longer be included in its pages. The following then are excerpts taken at random from letters received here, writ by NASWA members, readers of PE.

"If PE drops the SWL column, I drop PE!" A.M.Oregon. "I've been a reader of PE for over two years, but as of September I am canceling." B.D.Ohio. "I always enjoyed the SWL and ARQ columns in PE; They were my main reason for subscribing. Now I do not plan to renew." R.B.Ontario. "I will continue present subscription to PE and see if future issues are worth reading. I will then decide if I renew or not." V.C. New York. "Discontinuing the SWL column in PE will not be any sweat for most of DXers. After all, most of the data in the columns were always outdated anyway. What may hurt somewhat is that SWLs who do not belong to clubs might lose interest in the hobby, therefore clubs will not get many of them who are potential members." J.H. California. "I for one wont miss the SWL column in PE, but I do hope the awards program will be continued." R.P.Illinois.  
 "Since PE is dropping the SWL column, it could do NASWA, ASWLC and NNRC a real favor by informing those 5000 DXers about them in the final column. Matter of fact I never knew there were DX clubs until I read about them in PE a few years ago and I am sure many of those 5000 probably do not belong to any club yet, but may be interested now that no more SWL info will be in PE." W.E. Pennsylvania

COUNTRY LIST CHANGES/ADDITION

By action of the NASWA Country List Committee, the following changes and addition to be made to official Country List. Members to be advised to make changes in their lists.

178. Delete phrase "(formerly on SWBC)" to reflect current status. Now to read;

178. Seychelles Af. Victoria

153. Change to reflect current status and additional transmitter sites used during period of independence. Area defined as that of the former Eastern Nigeria Region prior to declaration of independence. Note: Current and future reception of station at Enugu to count as #153. Now to read;

153. Nigeria (Biafra)(Nigeria) Af. Enugu, Umuahia, Orlu, etc.

117a. Enter as new country. Omitted from original list through oversight.

117a. Kashmir (Azad Kashmir) As. Muzaffarabad

Committee considered two suggested additions, International Waters (re. Radio Nordsee) and Outer Space (re. Chicom I satellite). Both were rejected by committee.

Members having any questions/suggestions regarding Country List changes or additions should write Country List Chairman-Don Jensen, 5204 70th St., Kenosha, Wisc. 53140.

Exclusive

Exclusive

THE LOUDENBOOMER REPORT  
presents  
"THE BEST OF LOUDENBOOMERS"

"The most important factor in a superior shortwave receiving setup" said the handbook, "is an efficient antenna."

"Okay" I thought to myself, "that makes sense!" (I'd become a bit tired of turning on my ancient Radiola and hearing nothing but the BBC's Victor Sylvester offerings. Now mind you I have nothing against Syl's silver sounds, but DX-wise they hardly match the warblings of a Fijian nose flute proboscisly-played by a mop-topped native in a Suva studio.) I figured it about time I replaced the drooping old longwire hanging between my back porch and garage. And so, delving further into the antenna handbook, thumbing through articles describing the construction of verticals (I recalled the old ham adage that verticals receive equally poorly in all directions) and simple dipoles (how would I ever explain it to my sensitive neighbor whose parents imigrated from Warsaw in 1911?) But these designs were too "run of the mill" for the Loudenboomer taste. I wanted a REAL antenna!

After some searching, I tentatively settled on a super rhombic. Since my particular DX target of the minute was the flea-powered Australian students station down in the 1.7mc area, I busily calculated the direct circle bearing from my home to the Aussie University campus, the necessity of this being the extreme directionality of the rhombic. Next I estimated the supplies it would require. Totaling up the amount of wire I'd need for the rhombic, with five foot wavelength arms, I decided it would take something like over two miles of braided copper. This looked like an expenditure beyond my means. The price of four stainless steel towers was even worse. And the crowning blow came when I realized that I would have to buy up about eight city blocks in order to erect a super rhombic. I simply had to change my plans.

After weeks of further study, trying to figure and find a suitable shortwave antenna, I stumbled across a casual mention of a transmitting antenna used by a major European broadcasting organization...a Sterba Curtain. If it works with a transmitter, I thought to myself, why wouldnt it do a good job when hooked up to my receiver? But try as I could, I could not find any technical description or plans for the Sterba Curtain in any of my usual reference handbooks. Undaunted, I trotted over to Friendly Freds Electronic Emporium.

Now ole Fred was a veritable goldmine of electronics information, albeit incorrect usually; But anyway it was worth a try. Maybe he could give me some dope on the Sterba. And so I asked him, And uncharacteristically he admitted, after some hemming and hawing, that he just couldnt help me with the information I sought. But he did suggest I stop in a newly opened establishment just down the street. "I am sure they can help you with your Sterba Curtain" he said.

So I walked to the place, entered, and though it didnt look like the usual radio parts outlet, I asked the salesman for a Sterba Curtain. He looked a bit puzzled, then went over to a rack, put something in a cardboard box and said, "No doubt this is what you want!" I plunked down the \$2.98 price on the counter, thanked him and hurried home.

About after twenty minutes of work I had it all erected in my backyard, replacing the old longwire. So there it hangs today in all its glory and I, Charlie Loudenboomer,, surely must be the only DXer in all the world to own a genuine Sterba Curtain antenna

One thing I must admit though, it dont quite perform as well as I had hoped it would, but it sure does look great, that red and white gingham check with lacy tiebacks all flapping in the breeze.

...Charlie Loudenboomer

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NOTE: Being that our boy CL has been on vacation lately, we have presented a few of his former writings. The above is a reprint from January 1968 Frendx. Next month we will have him back with us and we can be sure he will be loaded, ready to relate new reports.

## NASWA ANARC REPORT - JULY

Last call for the 1970 ANARC Convention, July 31, August 1 and 2 at the Lake Tower Inn, Chicago. Convention host Jerry Heien will be happy to provide you with full details. Just drop him a line at 3822 Marshall Court, Bellwood, Illinois, 60104 and tell him NASWA sent you. Saturday morning's convention activity includes a tour of the WGN broadcast complex..one of the country's largest. And, late word has it that NASWA member Frank Peters has lined up the convention's grand prize..a seven inch Sony television! Registration is only \$10 and that includes a banquet Saturday night and breakfast Sunday morning. The hotel is beautiful and in a great location..rates are reasonable. Your NASWA Reps urge you to take a summer weekend, come to Chicago and talk DX for two big days. Hope you'll make every effort to attend!

More big ANARC News: Gerry Dexter has announced that ANARC Merit Awards are now available and will be issued periodically to those having made significant contributions to the hobby. Specifically, the requirements are as follows: Merit Awards will be presented to those having made significant contributions in the form of club leadership, long-term editing jobs, continuous and long support of a particular club or column, general promotion of the hobby, a single or series of outstanding DX loggings. There is no limit as to how many times one individual may receive the award. Members of ANARC-affiliated clubs may recommend a person for the award by sending a letter giving full details to Gerry L. Dexter, Rt. 1, Maple Rd., Lake Geneva, Wisconsin, 53147. Please include four carbon copies of the letter and a self-addressed, stamped envelope.

In other news, the QSL Committee reports that the South Yemen Broadcasting Service now expects to be verifying reports on a regular basis, including those from DX'ers who have reported but not yet received a reply.

Executive Secretary Scrimgeour also notes that no nominations have yet been received for the election to be held in October in which a new Executive Secretary is supposed to be elected. It should not be necessary to point out the importance of this.

Serge Peter Neumann expects to be attending the annual meeting of The European DX Council (our sister organization) late in July. If so, we should have a report for you in these pages. Incidentally, EDXC now represents 6,500 DX'ers in 31 clubs in 12 countries!

Quickly..the DX Census Committee is continuing its work. And a reminder that the ANARC Abbreviations List is still available for \$1.25 from ASWLC, 16182 Ballad Lane, Huntington Beach, Calif., 92647.

Next month..look for the announcement of completion of an ANARC Project that's been in the works quite awhile. It's good news for all DX'ers.

73,

Del, Doug and Gerry

ATTEND THE CONVENTION...CHICAGO...JULY 31, AUGUST 1, 2 ANARC



# SHORTWAVE CENTER

SPECIAL FEATURES

\* \* \* \*

WILLIAM A. MATTHEWS-EDITOR  
P. O. BOX 15306  
COLUMBUS, OHIO 43215

Deadline 15th of Month

## ENGLISH LANGUAGE DX PROGRAMS TO NORTH AMERICA

Henry Michalanka

COUNTRY	DATE/TIME (GMT) (freqs.)	NAME	CRITIQUE
Australia	1115 on <u>Sunday</u> (9580/11710) 0100 on <u>Monday</u> (15320/17840/21740)	"DXers Calling"	program of tips from all over the world - interesting to see the "down-under" DX
Bonaire	1205 on <u>Saturday</u> (11820) 0335 on <u>Sunday</u> (11775)	"DX Special"	program more for beginners--tips, a quiz, etc., but too short a time
Bulgaria	0000/0400 <u>Saturday</u> (9700)	"This is R. Sofia Bulgaria calling"	program by a ham club --a waste of time for the SWBC DXer
Canada	1215 <u>Saturday</u> (9625/11720) 2300 <u>Saturday</u> (9625/15190/17855)	"R. Canada Shortwave Club"	general info and features, with a mailbag--useful only to beginners
Czechoslovakia	<u>alternate Fridays</u> 0100 on (5930/7345/ 9540/9630/11990/ 15365) 0300 on all except (15365)	"DX Chat" & "Monitors' Club"	some features and a mailbag, but not good enough to go out of your way to listen to
Ecuador	0230 on <u>Tuesday</u> (9710/11745/15115)	"DX Party Line"	good program by ASWLC but tips a little old
German Democratic Republic	<u>alternate Wednesdays</u> 0100/0230 (9730/5955) 0330 (11970/9650/9560)	"RBI DX Club"	10 mins. of mail and features--more toward ham
Great Britain	2345 on <u>Friday</u> (6110/9510/9580/11750 11780/15070/15260)	"BBC World Radio Club"	a good show - tips are useful, but ham tips too - 15 minutes long

DX PROGRAMS  
(continued)

Holland	2130 <u>Thursday</u> (9715/11730) 0200 <u>Fridays</u> (11730) 0500 <u>Fridays</u> (9715/11730)	"DX-Juke-box"	DX and music are traditional here on the show which made R. Nederland #1 in the world. courses and services too.
Hungary	0100/0300/0400 <u>Monday</u> (6234/9833/11910/15160/17890)	"Calling DXers & Radio Amateurs"	SWBC/ham tips are given and usually are comprehensive
Portugal	<u>Tuesday</u> 0200 on (6025) 0300 on (11840) 0400 on (6025/9680/11935)	many names	like R. Nederland, one of the better programs for the DXer with tips and schedules.
Rumania	<u>Thursday/Saturday</u> 0130/0300/0430 (11940/11810/9690/9570/9510/6190/6150)	"For Radio Amateurs"	a program somewhat like Radio Sofia, not of too much use to SWBC DXers
South Africa	<u>Wednesday</u> at 2330 <u>Thursday</u> at 0030/0130 and 0230 (5980/9695/9705)	"DX Corner"	a program of features, with some letters answered - very little use
Sweden	<u>Tuesday</u> 1100 on (15315) 1400 on (17840) <u>Wednesday</u> 0030/0200 on (11825) 0330 on (11705)	"Sweden Calling DXers"	the program all others try to copy - need we say more?
Switzerland	<u>alternate Sundays</u> 0130 on (9535/11715/11865/15305) 0400 on (9535/11715)	"Swiss SW Merry-Go-Round"	up to date tips - like R. Nederland, but without services

all times and dates are listed in GMT.

Times usually refer to start of transmission, but occasionally indicate start of the program itself. The data is accurate to June 1, 1970. Critical comments are the personal opinion of Henry Michalenka and do not necessarily reflect those of NASWA.

The top five DX programs are rated as follows:

- 1 Sweden Calling DXers
- 2 DX Juke-box
- 3 Swiss Short Wave Merry-Go-Round
- 4 the series broadcast by Radio Portugal
- 5 DXers Calling

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GHANA BROADCASTING CORPORATION

John Banta

The External Service of Radio Ghana was inaugurated in September 1961. Programs were broadcast in English, French, Swahili, Arabic, Portuguese, and Hausa to all parts of Africa and to the British Isles. Through the years the G.B.C. has expanded its facilities and at present, four 100 Kilowatt transmitters, located at Tema, are beamed worldwide. Two high power 250 kilowatt transmitters at Ejura, in the Ashanti Region of Ghana, augment this service. The studios are located at the Broadcasting House in the capital city of Accra.

An English transmission is beamed to North America daily from 2000 to 2100 GMT on 11850 khz. There are a wide variety of programs, ranging from highlife music to talks on cultural progress. News broadcasts cover both Ghana and world news. Also, a Mailbag Show is aired and listeners questions are answered on the air.

The External Service issues a fine program schedule booklet monthly. Listeners and station personel photos appear in the booklet often. Every issue contains the text of programs recently aired on Radio Ghana. The program booklet is sent to all regular listeners and may be obtained by writing to: G.B.C., Box 1633, Accra, Ghana.

Radio Ghana has a listener research panel for the purpose of bettering the quality of the programs. Anyone may join this panel by writing for details to the Listener Research Organizer at the station. From time to time, the station sends the panel members questionnaires or log diaries to fill out and return.

The verification policy of Radio Ghana is a good one. Reports are usually answered within two months and full data is contained on the QSL card. Verifications are often signed by an aid to the Director General.

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VATICAN RADIO

In Rome recently, ICB's Abe Thiessen, in the company of Arthur Wiens, Director of Voce Della Bibbia Broadcasts in Italy, visited the Vatican Radio Systems. They were most graciously received by the Director of Broadcasting, Jorege Blajot, a Jesuit priest.

The broadcasting philosophy of the Vatican Administration, it would appear, embraces a transmitting concept rather than a production concept. They think in terms of more programs, more languages, more transmitters, more power, and bigger antenna systems, in order to reach the whole world from the Vatican.

The Vatican has no television facilities, because it is not interested in covering only one area, rather they desire to televise to the entire world. For this reason, they are keenly interested in what may develop by way of satellite television. We might also note that there is no great need for the Vatican to have local television because the Italian government television facilities are quite readily available to them.

The original plant of the Vatican Radio, with a 10 Kw transmitter, dates back to 1931. Guglielmo Marconi, an Italian who made the first experiments in radio broadcasts in 1894 near Bologna, Italy, installed this original equipment. The first broadcast from Vatican Radio was aired on February 12, 1931, with Pope Pius delivering the message in Latin.

In the beginning, all the studios, transmitters, and the antennae were crowded into the Vatican gardens. At present, only the studios are located in the Vatican, in the summer residence of Leo XIII, which adjoins the ancient Leonine tower, built by Leo IV over 1100 years ago.

VATICAN RADIO  
(continued)

On October 8, 1951, an agreement was signed between the Vatican and Italy recognizing extra-territorial rights to the extension designed for the Radio Transmitting Center at Santa Maria de Galeria. This transmitting site is approximately 16 miles south of the studios in the Vatican City, and the broadcasts are relayed there by micro-wave link.

The Director of the English Department, John Saint George, an American Jesuit priest, kindly showed us through the Vatican facilities which are on the upper floors of the Vatican palace. These facilities and equipment are of the finest quality and rather extensive. Most of these are not used to capacity.

The Vatican is currently using 15 transmitters. This includes a 5 Kw. medium wave transmitter, a 250 Kw. medium wave transmitter, a 25 Kw. FM transmitter, and 12 short wave transmitters of 100 Kw. each. They make use of very elaborate and high gain antenna arrays.

The voice of the Vatican Radio emanates from Rome and goes to all parts of the world with broadcasts in 32 languages, comprised of 450 weekly programs of 15 minute duration. For Eastern Europe, there are 140 weekly programs in 16 languages. For Western Europe, 126 programs in 9 languages. There are 76 weekly programs for Africa; 32 for Asia; 14 for Australia and New Zealand; and 42 for the Americas in English, French, Portuguese and Spanish. Some tapes are also made and sent to stations in other countries.

Although the Vatican Radio is not the official voice of the Vatican, its programs "try to give the viewpoint of the Roman Catholic Church." One of the chief reasons for Vatican Radio is to broadcast the voice of the Pope around the world, to tell what the Pope does, what the Church does, and what happens in the Vatican. There are programs dealing with human problems, and inter-personal relations. They produce cultural programs which include a good deal of music. They also deal with news and commentary on the news. A beginning has been made in the production of programs using young people giving expression to their new music. This has generated some criticism, but for the most part, the response has been favorable.

Our gracious guide, Fr. John St. George, told us that the Directors of the various Language Programming Departments have complete freedom to prepare the broadcasts as they choose. No directives have been handed down, apparently because no hard policy has ever been formed. However, all programs are monitored and a Director's program may be requisitioned if it does not please the administration.

Mail response to all broadcasts around the world brings in about 200 letters per day. These come in various languages and are all followed up directly from the Vatican. The entire staff of Vatican Radio numbers about 250. This includes a production staff of about 150 full time people in various languages. In addition there are about 100 technical and administrative people full time.

ICB Bulletin  
via Rod Williams  
(adapted)

While the ICB Bulletin article makes mention of the ultra-modern transmitter site at S. Maria de Galeria, it neglects to point out that the old site (within the Vatican itself) is used for regional transmissions to Europe....regretfully too weak to be heard on the North American continent because of the time and frequency factor. In the June 1970 issue of National Geographic, a photo of these old towers appears....see page 749. The towers are at the bottom of the page - over-looking the Eternal City.

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CLANDESTINES

Interested in knowing a bit more about clandestine radio? Then the book, Invisible Government, written by David Wise and Thomas Ross may appeal to you. Chapters 23 and 24 are devoted to the clandestine radio activities of the Central Intelligence Agency (CIA)...chapter 23 devoted to older clandestines, and chapter 24 devoted to Radio Swan and Radio Americas. The book is published in paperback form by Bantam Books, 271 Madison Avenue, New York 16, New York. The cost is \$ .95 and is worth it! Look for it at your nearby book dealer's store - or if you order direct from Bantam, the number is N3399, but add \$ .10 for postage

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DX ATLAS : THE FALKLAND ISLANDS

Craig Koukol

The Falkland Islands are a group of some 200 islands in the South Atlantic Ocean, about 200 miles northeast of the southern tip of South America. East Falkland, 90 miles long and 55 miles wide, and West Falkland, 80 miles long and 45 miles wide, are the largest islands of the group, which has a total land area of 4618 square miles.

The islands were first sighted in 1592 by the English navigator, Captain John Davis. France, however, made the first moves in colonization when a base was established at Port Louis on East Falkland in 1764. The next year, Captain John Bryon claimed the islands for Britain and also set up a base. Soon afterwards Spain decided to occupy the Falklands, which were valued because of their strategic location on the route around Cape Horn. The French and British were expelled in 1770, the former giving up all claims to Spain. Britain, however, threatened Spain with war and eventually was allowed to retain the islands. Yet more trouble was to be had though when in the 1820s a group of South Americans established a colony at Port Louis in spite of British claims. To this day, the Falklands are a bone of contention between the British and the Argentines, who call them the Islas Malvinas. The present British capital is Stanley (on East Falkland), where half of the population of 2140 live.

The climate of the Falklands is no less stormy than its history. Averaging 17 mph a day, the wind reaches gale force 70 days a year. The average rainfall annually is 28 inches. The barren landscape is covered mostly with tussock grass which serves as food for sheep, the major source of income. Seals, penguins, and birds such as petrels and starlings make up most of the natural fauna.

Domestic transport is provided mostly by boats and horses although there are a limited number of vehicles and a local air service run by the government. Foreign mail to and from the islands is via boat from Montevideo, Uruguay; local delivery is by seaplane. Stanley has a telephone system and a radio station, the Falkland Islands Broadcasting Service. Broadcasts are on 536 khz. MW and 3958 khz SW with powers of 5000 and 500 watts respectively. October through March, the schedule is 1300-1500 GMT and 2230 (Sat 2130)-0130 GMT on weekdays, 2145-0030 on Sunday; April through September 1400-1600 GMT and 2230 (Sat 2030)-0200 GMT on weekdays, 2200-0100 on Sunday.

The Falkland Islands Broadcasting Service is one of the many interesting stations that offers a real challenge to any DXer.

Craig Koukol...with information  
taken from The World and  
Its People

\* \* \*

Q & A

Well, after our brief rest last month, let's return to our "University of Light Learning" (to borrow a phrase from Eddie Startz) and see what we can do this month. Ready? All right...away we go.....

1. Where and who was Radio Angmagssalik?
2. When did Radio Liberation become Radio Liberty? Why did it change its name?
3. Who was the Voice of Peace? The Voice of Freedom?
4. Who is Tam Duc?

Some difficult ones this time...they will keep you thinking for a while. See you next month in the UoLL (University of Light Learning). Answers in August SWC!

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LA VOZ EVANGELICA DE HONDURAS

Terry Ray Hicks

With transmitters located high atop a hill about three miles from downtown Tegucigalpa, capital city of Honduras, Radio Station H R V C or La Voz Evangelica de Honduras, whichever you prefer, broadcasts its message across the Seven Seas. HRVC has studios and offices in downtown Tegucigalpa and the entire operation is manned by two missionary families and seven Hondurans.

This is a religious station and it broadcasts the gospel to its listeners. But HRVC does more than just that, for it transmits programs on cultural matters as well as general public interest programs.

The station operates from 1100-0400 GMT on 1380 (1 Kw.) and on 4820 (5 Kw.). English is broadcast from 1500-1600 and again from 0300-0400 GMT. On Saturday, a DX Mail Bag program is aired at 1545 with letters from around the world. According to the station, some 700 letters are received per month.

H R V C is owned and operated by the Conservative Baptist Home Mission Society of Wheaton, Illinois. Reception reports and comments on programs are welcomed at the following address: La Voz Evangelica de Honduras, Apartado 270, Tegucigalpa D.C., Honduras.

Return postage, whether in the form of International Reply Coupons or mint stamps, is always appreciated. H R V C is one of the best opportunities to verify the Republic of Honduras on the shortwave broadcasting bands.

\* \* \*

Terry Ray Hicks is quite interested in receiving information about any of the so-called pirate (bootleg) SW stations that appear from time to time. These are, of course, converted amateur radio transmitters and are not to be confused with the genuine pirates such as Radio Nord See International or any of the clandestines. His address is: Terry R. Hicks, 3242 NW 39th Street, Fort Lauderdale, Florida 33309.

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CONGRATULATIONS

Congratulations to former SWC Editor, Richard E. Wood, who has just received his Ph.D.

THE SITE AND WHERE TO FIND ITGregg A. Calkin  
(Part III)

<u>COUNTRY/STATION</u>	<u>STUDIO CITY</u>	<u>XTMR SITE</u>	<u>COORDINATES</u>	<u>ETC</u>
<u>PORTUGAL</u>				
Emissora Nacional	Lisbon	S. Gabriel (Pegoes)	0840 W 3845 N	
Radio Clube Portugues	Lisbon	Porto Alto	0850 W 3855 N	
Radio Free Europe	Munich	Lisbon	0840 W 3845 N	
<u>RHODESIA</u>				
R. B. C.	Salisbury	Gwelo	2951 E 1926 S	
<u>SAUDI ARABIA</u>				
S. A. B. S.	Riyadh	Riyadh	4623 E 2430 N	
	Riyadh	Jeddah	3910 E 2132 N	
<u>SENEGAL</u>				
Radio Senegal	Dakar	Dakar	1726 W 1439 N	
	"	Ziguinchor	1616 W 1236 N	
<u>SOUTH AFRICA (REP. OF)</u>				
S. A. B. C.	Johannesburg	Bloemfontein (Paradys)	2613 E 2913 S	
	"	Meyerton (Bloemendaal)	2808 E 2635 S	H. F. Verwoerd Station
<u>SPAIN</u>				
Radio. Nac. de Espana	Madrid	Arganda	0331 W 4018 N	
Radio Liberty	Munich	Playa de Pals	0310 E 4200 N	
<u>SWEDEN</u>				
Radio Sweden	Stockholm	Horby	1344 E 5549 N	
<u>SWITZERLAND</u>				
Swiss Broadcasting Corporation	Berne	Schwarzenburg	0724 E 4649 N	
	"	Beromunster	0810 E 4712 N	Europ. Ser.
<u>SYRIA</u>				
Syrian Being & TV	Damascus	Sabboura	3607 E 3330 N	
<u>TOGO</u>				
Radiodiff. du Togo	Lome	Lome	0112 E 0607 N	
	"	Togblekope	0112 E 0616 N	
<u>UNITED ARAB REP.</u>				
U. A. R. Being	Cairo	Abu Zaabal	3122 E 3016 N	
<u>UNITED STATES</u>				
W N Y W	New York	Scituate, Mass	7044 W 4213 N	
K G E I	San Francisco	Belmont, Calif.	12214 W 3733 N	
Voice of America	Washington	Delano, Calif.	11917 W 3545 N	

THE SITE AND WHERE TO FIND IT(Part III)  
(continued)UNITED STATES (cont.)

Voice of America	Washington	Dixon, Calif.	12145 W 3823 N
	"	Greenville, N.C.	7722 W 3535 N
	"	Bethany, Ohio	8421 W 3921 N

VATICAN CITY

Vatican Radio	Vatican City	S. Maria Galeria	1219 E 4203 N
	"	Cite Vatican	1227 E 4154 N

ZANZIBAR

Radio Tanzania Zan.	Zanzibar	Marhubi	3912 E 0609 S
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All co-ordinates are given in degrees and minutes...such as 3912 E 0609 S. This is equivalent to 39°12" E 06°09" S.

This concludes Gregg Calkin's article concerning the various transmitter sites.

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On this rare occasion, I am breaking from the 'norm' which I've tried to establish as Editor of the Short Wave Center. I beg your kind indulgence. Recently, the Club was informed of my resignation as the SWC Editor..and your response has been most pleasing and gratifying to me. We have had several members offer their services - members who hold the Club above their own personal time and interest.

In late August of this year, I am marrying Luanna Cross...this was the reason for my resignation....typing the SWC takes me roughly one week. While I do not mind the work, it really did not seem fair to her and thus I so informed Club Hq. However, on the urgings of the BOD and Hq., I discussed the matter fully with my intended...

After careful consideration, I am pleased to announce that I will be able to continue my service to the Club as SWC Editor. There will be one change though...around October or so...you'll have a new typist for the SWC - Luanna! She's a secretary and will be able to do a better job with it than I have with my hunt and peck method.

Your continued support of the SWC is sought - remember it is only as good as you help make it.

Next month's SWC will be back to full length (I hope) as all the plans go into high gear for the wedding.

By the way, if you ever care to call and chat about this or that, feel free to do so.. call station to station anytime between 2300-0200 GMT on the following number:

1 - 614 - 236 - 0026

Finally, your comments and criticisms on any SWC article are desired. Just drop me a line and let me know how you feel.

Finally, special thanks to those DXers who take the time and trouble to contribute to the SWC. The entire Club owes you a deep gratitude.

W. A. Matthews



# NEWSROOM

ROBERT HAGERMAN\*EDITOR  
475 WILSON STREET  
HEMLOCK, MICHIGAN 48626

Deadline 15th of Month

\* \* \* \* \*

Radio Bangui, Central African Republic, lists these transmissions in English, Sango, and French: daily: 0430-0730, 1630-2230 on 5035 kHz; 1100-1400 on 9595; Saturdays and Sundays from 0430-2300 on 5035, 9595. (Radio Bangui via Mike Macken, Massachusetts)

Radio Budapest, Hungary, is testing some frequencies to North America (up to September 5). Broadcasts will be daily between 0000-0430. Frequencies scheduled: 6165 between July 5-July 18; 6175 between July 19-August 1; 6185 between August 2-August 15; 6190 between August 16-August 29. This is actually for a complicated contest/competition for the Radio Budapest Shortwave Club, but space does not permit putting the information in this column. For further details, write to Radio Budapest Shortwave Club, Radio Budapest, Budapest VIII, Hungary. (Direct from Radio Budapest)

A sked has been received from FEBA-Seychelles, good thru October 30, 1970: on 15185, daily in Sinhalese, Hindi, Marathi, Gujarati, Telegu, and English: 0100-0300; Sundays 0100-0400; on 15265: in Kannada, Malayalam, Tamil from 1300-1400; in English from 1400-1530; and in Hindi, Marathi, and Gujarati from 1530-1630. Their address is: Far East Broadcasting Assoc. Ltd., P.O. Box 234, Victoria, Seychelles. (FEBA via Al Sizer, Connecticut; and via John Tuchscherer, Wisconsin)

Vatican Radio has announced this sked (on the air, hi!): English: to Europe: 2045 on 7250, 9645, 11740; to Australia and New Zealand at 1125 on 17840, 21690; and at 2210 on 9645, 11745, 15155. (Vatican Radio via Derek Evans, Jamaica)

The Ceylon Broadcasting Corp., Colombo, Ceylon; broadcasts DX-Panorama! which is prepared by the Ceylonese SWL Club, every 2nd Saturday of each (and every) month at 1100-1100 on 17830 (it's in English). (Vic Goonetillake/CSWLC via Bill Eddings/MNASWA HDQS)

Radio Norway sends this sked of their English transmissions (once a week): in use until September 5: (Sundays): 0800-0830 on 15175, 21655, 21730, 25730; 1200-1230 on 7210, 17825, 21655, 21730, 25730; 1400-1430 on 17825, 21655, 21730, 25730, 25900; 1600-1630 on 17825 (WCNA), 21655, 21730 (ECNA), 21670, 25730; 1800-1830 on 7210, 21655 (ECNA), 21730, 25730, 25900; 2000-2030 on 15175, 21655, 21670 (WCNA); 21730 (ECNA), 25730; 2200-2230 on 15175 (ECNA), 17795 (ECNA), 21655 (ECNA), 21730, 25730; (Mondays): 0000-0030 on 11850 & (ECNA), 15175 (ECNA), 17795 (EC), 21655; 0200-0230 on 11735, 11850 (ECNA), 11860 (WCNA); 0400-0430 on 11735 (NA), 11850 (ECNA), 11860 (WCNA), 21655. (Direct from Radio Norway)

ATTEND THE ANARC CONVENTION IN CAHIGO, JULY 31, AUGUST 1 and 2. COULD BE YOU WILL WIN THE 7" SONEY PORTABLE TV DONATED BY NASWA MEMBER FRANK PETERS. SEE YOU THERE!

Radio Habana, Cuba, lists these xmsns :English:Europe:2010-2140 on 17840; NA:2050-2150 on 11970,17715; 0100-0450 on 9525; 0100-0600 on 11865; 0330-0600 on 11760, and 0630-0800 on 9525. French to NA is on from 0300-0330 on 11760. Their complete Spanish sked for the Americas:1100-1645 on 17715,17750,17885,15155,11970, 11760; 1645-1830 on 17715,11970, 11760; 1830-2050 on 17715,11970; 2200-2300 on 15270,15155,11760,9680, 6060; 2300-2400 on 15270,15230, 15155, 9680,6060; 0000-0050 on 15300,15270,15230,15155,11760,9680, 6060; 0050-0200 on 15300,15270, 15230,11760,9680,6060; 0200-0300 on 15300,15270,15230,11760,9680; 0300-0600 on 15270,15230,11930,9680, 6060; 0630-0730 on 15230,0830-0930 on 15230, 1030-1045 on 15230, 1855-2030 on 15260,17885. (Radio Habana direct and via Anthony Marks, Oregon)

RadioLebanon has English to NA from 0230-0300 on 11925 kHz. (Radio Lebanon via Steven Handler, Illinois)

Radio Nacional de Espana, Madrid, Spain, has English to NA at 0200 on 6140, 9760; and at 0445 on the exact same frequencies. (Steven Handler; Kix Illinois)

Radio Kiev (studio location is Ukraine) has English to NA (up until August 3) from 2330-0000 on 9600, 11730,11850,11960,15210, 15400; and 0330-0400 on 9480,9600, 9660,11730,11850,11960. (Radio Kiev via Steven Handler, Illinois)

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The Switzerland's voice to the the world, the SBC (Swiss Broadcasting Corporation) has broadcasts in English to NA from 0130-0200 on 9535,11715, 11865,15305; and 0400-0430 on 9535,11715. (SBC via Steven Handler, Illinois)

A reminder of Radio Moscow's main frequencies to NA (all English broadcasts): 2200-2230, 2300-2330 on 15400, 15210,15150; 12030,11960,11900, 11870,11850,11790,11770, 11730, 9680,9600; 0000-0030, 0100-0130 on 15230,15210,15150,11900, 11870,11730,9680,9600; 0130-0330 on 11900,11890,11870,11730; 0400-0530 on 12030,12020,11900, 11890,11860,11850,11770,11730. The Pacific service is from 0330-0730 on 17860,17790,15140,11870, 11690.

Periodic (other frequencies frequencies (those used at certain times, according to the time of the season) are:2200-2230,2300-2330:15250,15230,15130,15100, 9750,9740,9650,9610,9530,7310, 7240; 0000-0030,0100-0130:11850, 9750,9650;0130-0330:15230, 9710,9650,7230,7150; 0400-0530 on 15250,15100,11960,9710,9650, 9640,9530,7310,7240,7230, 7150.

All frequencies are good until October 1970.

Remember, as with Radio Kiev, even though programs come out of Moscow, actual transmitter sites depend upon the frequency and are spread out all over the U.S.S.R. (Radio Moscow direct and via Anthony Marks)

Sorry to be down to only two pages this month, but not many reports/news. Summer always signals a lull in the hobby, so expect a swing back up again soon. Credits this month:

Ron Bruns, Missouri  
 Gregg Calkin, Ontario  
 Chad Chadwick, Iowa  
 Bill Eddings, Pennsylvania  
 Derek Evans, Jamaica  
 Steven Handler, Illinois  
 Thanks all.

Terry Hicks, Florida  
 Mike Macken, Massachusetts  
 Anthony Marks, Oregon  
 Al Sizer, Connecticut  
 John Tuchscherer, Wisconsin  
 SWNS  
 Until next month, 73 de Bob



D.R. (cont'd):

Radio Libertad, Santiago	Fair. Sends letter w/verie statement.
Em. Cultural de las Fuerzas Armadas	One letter received recently.
La Voz del Papagayo, La Romana	One form letter received this month.
Radio Cristal, Santo Domingo	Rare, but a few now coming in for their DX Special, tnx to Cesar Objio.

EL SALVADOR:

Radio Nacional, San Salvador	Good; now has new card w/general QSL statement. English OK.
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GUATEMALA:

La Voz del Guatemala, Guatemala	None reported
La Voz de Nahuala, Nahuala	Good. Sends letter. English is OK.
Radio Chortis, Jocotan	Two Spanish letters reported.
Radio Cultural/TGNA, Guatemala City	Excellent, sends card w/all data except time. English is OK. V/S: Wayne Berger.

HAITI:

Radio Caraibes, Port-au-Prince	One letter w/verie statement only received.
Radio Citadelle, Cap-Haitien	One card was received after 5th try; SASE sent
Radio 4VEH, Cap-Haitien	One of the best; sending folder w/all data. English is OK. May be slow or occasionally f/up.
Radio Haiti, Port-au-Prince	Not interested in reports; once sent sked only.
Radio Valparaiso, Port-de-Paix	Several form letters in French have been received. Mint stamps appear to help.

HONDURAS:

La Voz de Junco, S. Barbara	One letter w/full data received. Mint stamps.
La Voz de Occidente, S. Rosa de Copan	Good. Sent Spanish letter w/no time, but all other info.
La Voz Evangelica, HRVC	Excellent; new type card has verie statement only. English is fine. stamps.
Radio America, Tegucigalpa	Two veries reported; Spanish letters. Try mint/
Radio Comayaguela, Tegucigalpa	One card received after 5 tries; SASE sent.
Radio Juticalpa, Juticalpa	One detailed letter reported. IRCs or mint stamps
Radio San Isidro, La Ceiba	One Spanish letter received in month's time.
Radio Suyapa, San Pedro	One two page letter received.

MARTINIQUE

O.R.T.F., Fort-de-France	Excellent. Sends French form letter w/date and frequency. Mint stamps or IRCs appreciated.
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MEXICO

El Herald de Sonora/XEBR, Hermosillo	One card on 4th try. SASE sent.
La Voz de Veracruz/XEFT, Veracruz	One letter reported.
R. Eco de Sotavento/XEUW, Veracruz	One Spanish letter reported.
R. Dif. Comerciales/XERR	Good, but sometimes irregular. Often sends business card w/general verie statement.
R. Dif. Mexico/XEXG, Mexico City	One Spanish letter received after f/up.
R. Dif. XEMP, Mexico City	One card w/verie statement received after f/up.
Radio Mexico, Mexico City	Good. Sends xeroxed letter, booklets and a couple of LP records; sometimes forgetting the letter. English OK.
R. Univ. de Sonora/XEUDS-Hermosillo	Fair. Sends inspecific card.
R. Univ. Nac. Potosina/XEXQ	One card reported.
R. Tapachula/XETS, Tapachula	One post card verie received for mint stamps.

NETHERLANDS ANTILLES

Radio Nederland, Bonaire  
Trans World Radio, Bonaire

Excellent. Reports should be sent to Holland.  
Excellent.

NICARAGUA

Radiodifusora Nacional, Managua

Fair, tending to be irregular; sends Spanish letter.  
Mint stamps and f/ups may help. V/S: Tacho Sanchez  
Dias.

PANAMA

None reported.

WINDWARD ISLANDS

W.I.B.S., Grenada

Good, but some times irregular. Sends card w/full  
data. F/ups sometimes help.

QSLs RECEIVED

Your editor notes an upsurge in replies from Damascus this month, which will be good news to most of us. Credit should go for this to the QSL Committee under the direction of member Kris Lemna, who has been in contact with the station and received a favourable response to a request for an improved QSL policy.

ALBANIA: Radio Tirana, card seemail w/"New Albania" magazine; gives only m.b. (Anderson)

ALGERIA: Radiodiffusion-TV Algerienne, 9510, card of archers, in yellow, after 53 days for 3 IRCs. Reported in French (McElwain)

ANGOLA: Radio Comercial, 4795, card in English from the Director in 28 months airmail. Letter already received. (Field)

ASCENSION IS: BBC Atlantic relay, Thames card in 71 days for 2 IRCs stating Ascension site. (Marshall) 15105/11865/ xmtr location given only, + sked. 7 weeks air; no IRCs (Padula) 7 weeks airmail (Anderson)

AUSTRALIA: Radio Australia, 9580, p/card of Waratah in 2 months for IRCs. Card w/pic of Platypus in 2½ months. (Hicks) 11740, 62 days; RA 30th anniversary card (Jones) 3½ months, 15320 kHz (Anderson)

VLW15, Perth, 15425, card--map of W. Australia--in 7 weeks air for 1-IRC

(Field)

AUSTRIA: ORF, 17725, rubber stamped postcard, full details in 7 weeks air; no IRCs (Padula) cards of Vienna and Salzburg for 6155 and 9770 in 7 weeks; no return postage (Anderson)

BELGIUM: ORU, Brussels, separate cards for 11790 and 17745; by air in 4 and 3 weeks respectively; + sked air. No IRCs (Padula) 3 weeks air for 15200 (Anderson) 17720, card and sked + copy of Mailbag Session script in which my rpt was acknowledged; air in 6 weeks (Padula) 4 months for IRC (Fix) 15335, card, sked and 25th Anniversary record in 21 days (Jones)

BOTSWANA: Radio Botswana, colorful card of Chobe National Park in 4 months seemail for 4845 kHz. Gives confirmation statement and frequency, and signed by C.E. (Calkin) 4836, card of Lake Ngami, air in 15½ months; 11 after f/up. 3 IRCs each time (Hagerman)

BRAZIL: Radio Jornal do Comercio, Recife, card and handwritten letter containing sked for 15145 in 29 days registered air for 1-IRC. V/S: Marluce Britto (Lechleiter)

Radio Inconfidencia, letter in Spanish in 268 days for 2 IRCs. V/S: Oiamar Figueiredo Viera (Scoville)

Radio Nacional de Brasilia, 6065, 5 line note from Lutherio Toledo in 19 days; English report w/2 IRCs. (McElwain)

Radio Triangulo Mineiro, Uberaba, 4835, card in Portuguese in 6 weeks on 5th try, + decal. SASE sent (Field)

Emis. Rio São Francisco, Penedo, 4925, card, pennant in 1 month on 6th try. SASE. Now on 4915 (Field)

BULGARIA: Sofia U card, 9700, 13 weeks. No IRCs (Callaway) 2 months seamail (Kroll)

CANADA: Radio Canada, 25th Anniversary card in 3 weeks for 21595. (Anderson) 11905, 27 days (Lechleiter) 11780, 27 days (Marshall) 1 month for 9625 (Wayner) 11905/21595 26 and 32 days resp. for 1-IRC (Jones) 26 days (Handler) 3 weeks for 9625 (Zamora)

CENTRAL AFRICAN REPUBLIC: Bangui, card w/date and time only in 6 months airmail for French report and 3 IRCs (Poulis)

CHILE: Radio Corporacion, 9510, p/p/card in 5 weeks after f/up for mint stamps (Sparks)

CHINA: Radio Peking, 15095, no QSL but 5 p/cards, magazines and bulletin, 2 months seamail (Kusalik) 4 months seamail, returning my 2 IRCs (Lechleiter) no QSL, but propaganda (Kolb) ditto 2 months (Handler) 15095, card and propaganda from Shanghai (Jones)

COLOMBIA: Radio Nacional, 4955, colorful p/card w/panormaic view of Bogota, giving date and frequency, stamped and signed by the Director. Rpted in Spanish w/IRC. Reply in 3 weeks airmail. Thank-you card sent (Banta)

Radio Santa Fé, 4965, personal letter in Spanish w/full info from Luisa de Bernal, Presidente. Also small green/black/white pennant. Rpted in Spanish w/IRC. Reply in 49 days seamail (Hall)

La Voz del Caqueta, 5035, letter and pennant air in 3½ wks after f/up. V/S: Ivan Escobar Ceballos, Gerente (Dexter)

CONGO (REP): ORTF, Brazzaville, 15295, card, orange, stating Brazzaville site from Paris in 50 days (Marshall)

CONGO (DEM REP): Radiodiffusion Nationale Congolaise, Kinshasa, 15245, long letter in French from V. Nikuna, Director-Chief of "Services Techniques" after 37 days and 3 IRCs. Reported in English (McElwain)

CUBA: Radio Havana, 3 cards for 11760, 15285 and 17875 in up to 10 months air w/letter from Maria Montero Triana, Head of Correspondence Department w/FDCs (Anderson) full data thank-you card for 11715 in 5 months seamail, no IRCs and similar for 15345 in 6 months seamail. No IRC (Padula) 9535, stamp type card seamail in 1 yr, 3 months, w/sked and Mailbag show transcript. Full data; no IRCs (Lobdell)

CYPRUS: CBC, colorful card in 16 days air for 1-IRC (Lechleiter)

CZECHOSLOVAKIA: Prague, 7345, b/w card, long thin pennant, Lenin FDC and color p/card in 29 days (Lechleiter) 11990, blue towers card in 31 days w/sked separate in 28 days (Kolb) 9630, 11990, 5930, 3 photo cards in 2 months air (Field) 9540, Tatra Mountains and 21485, Zamek Castle, both w/FDCs (Anderson) 5 wks for 5930, no IRCs. b/w card of Lake Macha (Callaway)

DENMARK: Voice of Denmark, card from Vagn Skovgaard in response to taped Danish rpt saying QSL Sce is stopped, but making exception since rpt in Danish (R. Fisher)

DOMINICAN REPUBLIC: Radio Cristal, Sto. Domingo, card w/full data for 2 IRCs and Span. rpt. 1st rpt unanswered. V/S: César Objio, NASWA member. 1 yr, 1 month for 5010 (R. Murphy) card in Spanish in 14½ months by air, w/full info. Rpted in Spanish w/IRC (Hagerman) 416 days airmail. Thanks to César (Hall)

Em. Cultural de las Fuerzas Armadas, HIFA, 4825, letter, pennant stamps, book on Santo Domingo in 6 weeks air. V/S: Miguel A. Cintron R., Comodoro, M. de G., Director General and Administrador (Field)

La Voz del Papagayo, 5030, form letter in 2 weeks air for mint stamps. V/S: Jorge Rodríguez, Ejecutivo (Kamp)

ECUADOR: HCJB, 21460, slide-o-rule converter QSL, full data, sked and literature in 37 days. Rpted by air w/3 IRCs (Coppola) 21460, Church card w/sked, flag and enclosures; seamail for 1-IRC (Jones)

EL SALVADOR: Radio Nacional, 5980, card and Honduras dispute info, pennant in 24 days air for 1-IRC (Lechleiter)

ENGLAND: BBC, 11750, Thames card w/incomplete data. 69 days; no IRCs (Jones) (Kroll)

CBC relay, card, 15390 kHz in 1½ months from Montreal (Anderson)

ETHIOPIA: ETLF, 15315, card in 124 days from E. Warrenton, Audience Relations Off (Hall)

FRANCE: ORTF, Paris, orange card for 15295 in 5½ months for IRC (Hicks) 21580, card in 3 months via air; all details and personal note. No IRC (Heggs) 3 months, 15295 (Wagner) 3 months for orange photo card and sked (Fix)

G.D.R. RBI, color card + sked for 5955 in 8 weeks. No IRCs (Callaway)

G.F.R. Bayerischer Rundfunk, 6085, p/p/card in German/English in only 14 days for English report and 2 IRCs (Lemna)

Deutsche Welle, Köln, blue map card in 1½ months for 17705; also German newspaper (Hicks) 6145, 3 months (Wagner) 6075/6145, 57 and 38 days; no IRCs (Jones) 9545, 2½ months; card is 4 color map of Europe (Handler) 2 months air; no IRCs (Kroll)

GHANA: Accra, 9545, card and sked; full data; 31 days. 2 IRCs sent w/rpt (Jones)

GREECE: VOA, Thessaloniki, 15235, projection card w/date, freq. and location in 10 days from Vivian A. Despot (Marshall) 11805, card from Richard A. Jenkins (Matthews)

GUATEMALA: TGNA, 5955, card in 1 month w/pennant, tourist and religious lit. from V/S: Wayne Berger, C.E., who says they are not operating on the 31 mb as the government is holding up the license (Field)

Radio Chortis, 3380, letter and colorful pennant in 1½ months airmail for mint stamps sent. V/S: José Antonio Rodriguez, Director (Zamora)

HAITI: 4VEH, 11835, folder card w/full data in 6 weeks airmail w/personal letter for 3 IRCs (Weber) card and sked in 10 weeks; no IRCs (Kane) white/red card w/black lettering in 1½ months air for 1-IRC. V/S: Mrs. Kent Ragsdale, who indicates a preference for mint stamps (Lechleiter) 80 days for 11835 kHz. No IRCs (McElwain)

HONDURAS: La Voz Evangelica, 4820, veri statement card from V/S: Jane Hutton, in 8 wks air. 2 IRCs. (Hicks) 35 days air for 2 IRCs (Gaynor) 7 wks air for mint stamps; also sent sked (Lechleiter) 4 weeks; 2 IRCs (Callaway) 25 days air for 2 IRCs (McElwain)

HUNGARY: Radio Budapest, 9833, card w/full data showing a bridge (Handler) green/gold card, sked and magazines for 6234 kHz in 6 weeks. No IRCs (Callaway) 11910, 46 days; no IRCs (Jones)

INDIA: AIR, card and sked in 9 weeks for 2 IRCs (Kane)

INTERNATIONAL WATERS: Radio Nordsee International, 1610/6210, letter from Miss E. Pfister containing confirmation statement and report date, but no time or frequency. Letter states they have been very busy and that QSL cards are in preparation. Also sent poster sized card showing various scenes aboard the MEBO II and a sheet detailing the equipt. on board. Air in 6 weeks (Hurst) Congratulations OM - this is still the only one known to be in existence! (Ed.)

ISRAEL: Kol Israel sent repro card of Old Jerusalem in 2½ months air for 9625 kHz. 2 IRCs sent. Also received a sked and copy of "Jerusalem Post" (Lechleiter) 3 wks (Fix)

ITALY: RAI, 6-color card for 11905 in 7 weeks for 3 IRCs and p/p/card; 11800, antenna card in 34 days, (Jones)

JAPAN: NHK, Tokyo, Japanese painting card of Mt. Fuji, 3 weeks (Marks) 9560, Expo 70 card, sked, '70 calendar, 56 days. No IRCs (Marshall) 21640, 56 days; no IRCs (Jones) 2 months, 15445 (Fix) 9505, 40 days (Jones) 15105, 17725, 6 weeks seamail w/RJ News (Anderson)

FEN, 15260/11750/6155, blue/white card in 42 days from Frederick Forte, Lt. Col. USAF (Kolb) 17 days (McElwain)

NSB, 6055, card in 3 weeks air for 2 IRCs (Field) 7230, rarely hrd in Australia, red/blue card showing map of Japan, frequencies, station data and full details. Air in 4 months overall, after first sending me a card incorrectly addressed, should have gone to a DX-er in Sweden. I returned and mine eventually arrived, with apology (Padula)

KOREA (P.D.R.) Pyongyang, 16320, card w/full data, 3 p/cards and RP newspaper; 197 days by seamail w/sked. For my 3rd try (Hagerman)

KOREA (Rep.) VOFK, Seoul, Mask Dance card for 15430, in 1½ months (Wagner) 4 months, p/card QSL w/sked (Zamora)

KUWAIT: Radio Kuwait, 15405, card, sked in 3 months. 2 IRCs. (Kane) 62 days by air for 3 IRCs and sked from Jawad Al-Mazzedi, Engineer-in-Chief (Lechleiter) 15405 (Wagner)

LEBANON: Radio Lebahon, 11790, card and flag in 70 days registered mail. Full data. No IRCs (Scoville) 11790, 2 months registered (Wagner) 3½ months (Handler)

LIBERIA: ELWA, 11950, card w/African drummer in 42 days. No IRCs (McElwain)

LITHUANIA: "Radio Vilnius" programme, 9745, color card, air in 5 weeks from Vilnius (Padula) 9680, card in 50 days seamail (Gaynor)

MALAYSIA: BBC/FES, card for 17880 in 2½ months (Kusalik)

MEXICO: Radio Mexico, 11720, confirmation letter from Dr. Jorge A. Lopez Reyes, w/2 records. Registered reply in 4 months (Banta) 3 months for mint stamps (Zamora)

MONACO: Radio Monte-Carlo, 6035, card, confirming date only, in 2 months for 1-IRC. (R. Fisher)

TWR, Monte-Carlo, black/white card, full veri for 3 IRCs in 22 days for 7295 kHz. (Kolb)

MOZAMBIQUE: RCM, 4865, card in 1 month air for 2 IRCs (Field) 4925, RCM statue card w/full info in 28 days air for 2 IRCs. Rpted in Portuguese and English w/2 IRCs (Hall)

NETHERLANDS: Radio Nederland, 15220, new card of DX Juke Box crew, 9 days seamail. No IRCs (Coppola) 21480, 9 days, 2 IRCs (Jones) 3 weeks air; no IRCs (Kroll)

NETHERLANDS ANTILLES: Radio Nederland, 11730, Happy Station card in 1 month (Sparks) 15425, air in 12 days (Banta, Lechleiter) 11820, 8 days air for 11820 (Jones)

NEW BRITAIN: Radio Rabaul, map folder from V/S: John J. Waters, in 9 weeks air. IRCs (Hurst)

NEW CALEDONIA: Nouméa, 7170, new style card in French; 1 month air, Rpted in French w/3 IRCs (Calkin) card, white w/antenna mast in 83 days for 3 IRCs. Date and time only given. Reported in French w/tape (Pappas) card in 3 months. 3 IRCs; reply in French for English report (Heggs) 21 days (McElwain)

NEW ZEALAND: RNZ, 15280, card in 70 days, w/date and frequency only for 2 IRCs (Scoville) 9540, white/blue card in 4 months; IRCs sent (Kusalik)

NIGER: Niamey, 3260, sent black/red/green/white "Ici Niamey" card w/maps; full data and sked. 40 days seamail after f/up in French w/3 IRCs. 246 days total. Sked shows 4 kW on 3260, 5020, 7155 and 9575, but 30 kW on 9705 kHz (Hall)

NORWAY: Radio Norway, 25900, wonderful color photo of winter scene; 29 days air. Reported by air w/out IRCs (Coppola) 2½ months for color winter scene; 25900 (Fix)

PAPUA: VLT4, Port Moresby, ABC card in 35 days for 2 IRCs (McElwain)

Radio Wewak, 3335, folder in 4 weeks (R. Fisher) Sorry, this should be under New Guines. (Ed.)

PERU: Radio Delcar, Chiclayo, card in 2 weeks air on 8th try. SASE sent (Field)

Radio America, Lima, 6010, nice personal letter from V/S: Angelica Montaya, Secretaria, in Spanish. Inspecific, but thanks for report. Air in 3 weeks for report in Spanish w/mint stamps, and they sent color p/card of the Lost City of the Incas. (Padula)

Radio Santa Rosa, 6045, Lima, Spanish letter, pamphlet on "Convento de Santo Domingo" in 19 days airmail. Mint stamps and cancelled US as souvenir sent (Kamp)

PHILIPPINES: FEBC, 3345, card w/full data, plus personal note from Eva Fitzpatrick, QSL Secretary in 24 days air for 3 IRCs (Hall)

SEARV, 15420, card, air in 12 days from Constantino E. Bernardez, Exec. Director (Dexter)

Radio Veritas, 15170, card, sked and letter from Jesus S. Torres, Tech. Director, in 2 months air for 1-IRC returned (Field) for special test on 17885, card w/full data and personal letter. Air in 7 weeks; 1-IRC; same V/S (Padula)

POLAND: Warsaw, card for 9635; card, full data, but wrong frequency in 5 weeks air, plus distinctive lapel badge of station. Also sked; no IRCs (Padula)

PORTUGAL: Lisbon, 15125, doll card for 2 week period log sheet. 5 wks (Lechleiter)

PORTUGAL (cont'd): Lisbon, 21495, card in 11 days for 2 IRCs (Jones)

RHODESIA: RBC, Salisbury, 4828, card w/full data in 7 weeks seamail. IRCs (Hurst)

ROMANIA: Bucharest, b/w card, stamps, letter and sked in 3 months (Fix)

RUSSIAN SPSR: R. Moscow, Czech programme on 5950; card in 7 weeks. No IRCs (Padula)  
Sverdlovsk, 11900, letter air in 1 month from Mrs. Stepanova specifying site as Sverdlovsk and saying former Tbilisi site changed 4 times a year (Anderson)

RWANDA: DW, 15435, blue/yellow card w/full data; 5 months from Köln (Banta) 11965, card in 21 days from Germany (McElwain)

SAUDI ARABIA: Riyadh, 11855, full data card from Werner Storg, C.E. in 8 months air; direct reply, no Munich (Calkin) 6 weeks for 1-IRC, w/sked (Kane)

SINGAPORE: BFBS, 5010, full data card in 2 months for 1-IRC (R. Fisher)

SOUTH AFRICA: R. RSA, beautiful new gold/green/brown/pink card showing map of S.A., for DX-69 contest. Nicest yet from RSA (Calkin) ditto, 7 months (Soneff, Marks) 9695, usual card in 14 days for 2 IRCs (Jones)

SPAIN: RNE, letter and sked in 1½ months for 6140. V/S: Enrique Pascual (Fix)

SUDAN: Omdurman, 9505, letter in 85 days for English rpt and 2 IRCs (Kusalik)

SWEDEN: Sveriges Radio, card in 8 days for 11825 kHz. No rp (Anderson)

SWITZERLAND: ICRC, nice card in French in 18 days air w/rpt forms. Full data from G. Penard stating site as Schwarzenburg in accompanying letter, yet ITU lists Beromunster. Confusion (Calkin) 4 yr old Spanish card and ICRC Hq. p/card in 15 days air for 3 IRCs (Michalenka)

SYRIA: Damascus, card in 6 months registered for 3 IRCs. Card features colored map of world w/antenna from Damascus. All details; also note from Atieh El-Joudeh, Director-General, saying he would try to verify future rpts from North America (Lemna) card in 3 months via registered airmail (Kusalik) 9 weeks, 9660 Nom., no IRCs (Heggs)

TAHITI: Papeete, 11825, mermaid card in 2 months for English rpt w/2 IRCs. Also second card in 5 days for f/up (Heggs)

TOGO: Lomé, 5047, colorful globe/map card in 45 days for 3 IRCs (McElwain)

TURKEY: Ankara, 15160, card w/full data in 81 days airmail. 3 IRCs (Weber)

UKRAINE: Radio Kiev, 11730, usual paper card w/rpt forms in 58 days air (Lechleiter)

UPPER VOLTA: Ouagadougou, 4815, card w/date and time only in 1 month by air for French report and 3 IRCs (Padula)

URUGUAY: Radio Oriental, Montevideo, 11735, friendly letter from V/A: Alberto J. Tejedor, Administrador in 3 weeks air. Not specific, but thanks for rpt and states the frequency on nice blue/gold letterhead. Rpted in Spanish w/5 IRCs. Valued (Padula)

UZBEK: Tashkent, 9600, card in 83 days w/full data; no IRCs (Scoville) Chimes tower card, sked and p/card, air in 4 months direct (Banta)

VATICAN CITY: Vatican Radio, 6135, card in 5 weeks. No IRCs (Kane) 11740, 82 days and 15120 in 75 days, each w/2 IRCs (Jones) card not filled in for 17750, air in 3 weeks plus sked and nice letter in Spanish from Sister Betty Angel, Secretaria, LA Dept. No IRCs. For 11725, card, w/full details in 3 weeks air. (Padula)

VENEZUELA: Radio Sucre, 4960, letter in 2 months after f/up w/mint stamps. V/S: Eleazar Silva, Dir. (Sparks)

Radio Barquisimeto, 4990, card in 33 days. No IRCs (McElwain)

Radio Valera, 4840, card air in 3 months air for IRC and Spanish rpt. Date + QSL statement from V/S: Carlos Julio Balza, Dir. Card has photo of Valera (R. Murphy)

VIETNAM (DEM REP): Hanoi, 10040, form letter w/full data, sked and pamphlets in 2 mos via Prague. No return postage sent (R. Fisher)

WINDWARD ISLANDS: WIBS, 11970, card from Ken Harlin in 70 days; no IRCs (McElwain)

YUGOSLAVIA: Belgrade, 9620, black/white folder QSL, pennant in 43 days air (Lechleiter)

ZAMBIA: ZBS, detailed sked, but no QSL, altho' rpt agrees w/sked they sent! (Calkin)

THE QSL GALLERY


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**FORCES BROADCASTING SERVICE**  
MIDDLE EAST  
HQ FBS BFPO 53

No. 1 FBS TRIPOLI  
No. 2 FBS NAIROBI

No. 4 FBS CYPRUS  
No. 5 FBS BENGHAZI



TRANSMITTER TYPE RCA AERIAL 1/2 Dipole

RADIATED POWER 7.5 WATTS

Thank you for your report concerning our transmissions on 45 Metres  
6610 k/c/s covering the period 0515 hrs to 0610 hrs  
on 8th Feb 19 57. The contents of your report have been  
checked with our Station Log for that day and found correct. May we take this opportunity  
of wishing you good luck and happy listening during 19 57 TECHNICAL OFFICER  
PS/20210 GHQP/1000/3-57/15-15  
OUR SECOND HARMONIC!

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**TARJETA DE VERIFICACION**

Confirmamos su recepción de fecha 17  
de Julio de 1969 de nuestra  
emisora. Onda Media OBZ-4-N, 880 Kcs.,  
con potencia de 50 Kwts. Onda Corta  
OBZ-4-O, 6.115 Kcs., con potencia de 10  
Kwts. La que encontramos correcta y  
conforme a nuestra programación.  
Siempre a sus órdenes

De sus Attos y Ss. Ss.



RADIO UNIÓN Y TELEVISION S. A.

Lima Perú 9 de Setiembre 19 69

From the past we catch a glimpse of the FBC, one of the several British Forces BC stations operating a few years ago. All of these are now gone except BFBS Singapore. This QSL, which belongs to former Shortwave Centre Editor Don Jensen was an unusual catch. Don notes: "I couldn't hear them on the fundamental of 3,305 because of local static, but managed the harmonic frequency, 6610 to the station's considerable surprise, as noted in the penciled comment."

And from the present, member Edward Bull of Colorado shows us his QSL from Radio Union, in Lima, Peru: a rare catch in North America due to the frequency. Thanks to both these gentlemen.

Thanks also to 40 reporters this month whose contributions made this column possible. And so, until next month, its best 73s and good DX, GREGG.



## LOG REPORT

IAN FERGUSON - EDITOR  
P.O. BOX 8443  
CORAL GABLES, FLA. 33124

Deadline 15th of month  
Phone 305-284-5714

When reporting, please use only one side of the paper, list items by frequency in either direction, and mail in time to reach here by the 15th of the month. On typed reports, please double space between individual items. Please keep your reports current so they will be of use to other members. A = approximate; V = varies; T = tentative; U = unidentified; M = measured.

Please remember that the address for reports is the usual Florida address; the W.Va. address was for this issue only.

- 2326 S.AFRICA SABC English Svc; s/on 0400, //3285, new s/on time(Behr)S/on 0430 //3285, both extremely clear(Berghammer) Behr also lists //3965.
- 2346 S.AFRICA SABC Afrikaans Svc; s/on 0430 //probably 90m, but not found; have never the third scheduled 120m outlet, 2376, just no trace of it(Berghammer)From 0400 (s/on //3320; 3952, nitely since 1 June(Behr)
- 2420 BRAZIL R.Caraja de Anapolis, Port pgms 0230-0502 s/off w/id; fine sig nitely in June(Behr)
- 2480 BRAZIL R.Braganca Ltda.; 21 May at 0105 w/US film mx; fair lvl & no QRM(Sloan) 0245 Port ID & ads, 3 June only(Behr)
- 3204 NIGERIA NBC, Kaduna; 0530 English; has commercials; 1 June(Berghammer)
- 3230 FIJI R.Fiji; good sig; local mx w/female ancr 0840(Burnett)
- 3230 PERU R.EL Sol de los Andes; s/off 0503 w/no anthem after pgm of huaynos, mulizas, etc; 29 May(Sloan)0400 Sp & mx, clear 4 June(Behr)
- 3240 PERU R.America; 0504 Sp ID & mx(Behr)0540 w/US pops in Sp; a regular(Sloan)
- 3245 R. Libertador fair w/usual mx pgms off usually around 0410(BURNETT) VENEZUELA
- 3250 S.AFRICA SABC; 0400 Eng, ads, 1 June(Berghammer)Well hrd in Eng as early as 0100 w/Eng, mx, Benson & Hedges ads(Sizer)0130 Eng ads, ID 0141; good(Byers)
- 3263 BRAZIL R.Tamandaré; s/off 0452 w/no anthem, just "mood" mx(Sloan)
- 3265 GUYANA R.Demerara, Georgetown; 0230 Eng pops, 3 June(Berghammer)
- 3275 BRAZIL R.C. Bauru; 0230 Port, Brazilian pops; s/off a few minutes later(Berghammer)
- 3280 GRENADA WIBS; mx 0135, English; good sig(Byers)
- 3285 S.AFRICA SABC w/Eng nx & cmtry 0405, weak(Sizer)
- 3295 ZAMBIA ZBS; Kusaka; 0430 Eng ID followed by Swahili, Afr mx, 3 June(Berghammer)
- 3300T BURUNDI(TENTATIVE!) LV de la Rev, Bujumbura, believed the stn here 0400 in lang causing loud het w/Belize; 3 June(Berghammer) (Berghammer)/
- 3306 RHODESIA RBC, Salisbury; returned here for their winter; 0415 Eng, 3 June
- 3320 S.AFRICA SABC Afrikaans Svc, s/on 0430; strong sig(Sparks)
- 3314V ECUADOR(TENT.) R.Pastaza 0400 Sp; squeezed by open RTTY carrier(Berghammer)
- 3322 BOUGAINVILLE RB several times w/organ mx; at 1155; s/off may be as late as 1209; hard copy(Hirst)1411 Pidgin, pop mx:(R.Fisher)
- 3335 SENEGAL Ziguinchor 0630 w/Fr mx, etc; 3 June(Berghammer)
- 3335 BRAZIL R.Presidente Prudente, 17 May at 0030 w/ID & mx "The Lonely Bull"(Sloan)
- 3335 PAPUA R.Wewak; 0948 Pidgin, guitar mx, 6 June(R.Fisher)Pidgin 1200; modulation trouble(Hirst) (Sloan)/
- 3340 ECUADOR La Estacion de la Alegria from 0300 to abrupt s/off 0356 in mid-sentence
- 3355V DOM REP LV de la Romana; Sp; 0400; s/off w/anthem(Berghammer)MX & Sp IDs 0431 and 0503(Behr)
- 3356 BOTSWANA R.Botswana 0400 lang, then Afr & western mx; RTTY 3 June(Berghammer)
- 3360 GUATEMALA LV de Nahualá; LA mx 0235-0531, Sp anmts; occasional IDs; sometimes marimba mx; anmts & ID at 0432 s/off(Young)

- 3364v DOM REP R.Exitos; 1 June, 0430-0454 s/off w/classical mx: & ID(Sparks)Back with improved signal; classical mx: to 0458 s/off; full ID 0447; maybe just good conditions(Hirst)Orchestra mx: to 0455 s/off; ID & anthem(Behr)
- 3376v ECUADOR R. Iris; drifting low 0400 w/Andean mx, 3 June(Berghammer)
- 3380 GUATEMALA R. Chortis; strong 0332 w/ID; regular this year, rarely hrd in Eur before this season(Sloan)Marimba mx, mentions of Guatemala; ID 0300, then mx (Objio)
- 3385 PERU Voz del Valle del Mantaro; Andean mx 0500 past 0630(Behr)
- 3385 R.Rumbos w/net rundown 0335, //4970; mx: 0340(Burnett)This would be R.Barcelona, Venezuela, with a relay of R. Rumbos. (DF)
- 3396 RHODESIA RBC, Salisbury; 0400 Eng, 3 June, after YV s/off; Don't confuse with Kaduna; SSB QRM from aircraft(Berghammer)
- 3396 NIGERIA NBC, Kaduna; Eng mx 0500, 5 June(Berghammer)
- 3396 S.AFRICA SABC apparently SW AFR Svc in Afrikaans, 0530, 1 June(Berghammer)
- 3960 IRAQ Baghdad; 2035 Arabic chants, regular(Padula)
- 3965 S.AFRICA RSA; Eng lang svc 0450; morning musical pgm & cmtry on S.Afr.; strong (Sparks)So far unidentified svc 0515 in lang, 5 June(Berghammer)
- 3971 CAMEROON R. Buea; 0530 Fr, 3 June; low het from BCB harmonic(Berghammer)
- 3986 NIGERIA NBC, Lagos; 0530 Eng; ads 1 June; interviews(Berghammer)
- 3997 S.AFRICA Springbok Radio; 0230 Eng, All-Night Svc, //3250(Berghammer)2030 ads for S A Airways(Padula)0300 mx, Eng & Afrik. ads; //3250(Behr)0430 pop records & ad in Eng & Afrikaans, //3250(Sparks)
- 4692 COSTA RICA R. Reloj; //6006, seems 24 hrs some days, around 0800(Padula)
- 4712 ECUADOR R. Luz y Vida; 0515 Sp, local mx(Berghammer)
- 4732v ECUADOR R. El Progreso; 0515 Sp(Berghammer)
- 4750 INDONESIA(C&M) RRI, Makasar; Indonesian talk 1253, 7 June(R.Fisher)
- 4755 BOLIVIA Radioemisoras Bolivia; dance records, noticias & ID 0200; 4 June, het from Caracol station. (Sparks)
- 4756 COLOMBIA Emis. Nuevo Mundo, 0430 mx: & Sp ID, also "Caracol"(Behr)
- 4760 PERU R. Tingo Maria; 0506 s/of w/ID, also "Voz del Progreso"(Behr)
- 4765 CONGO REP RTC, Brazzaville; 0515 French(Berghammer)
- 4775T BOLIVIA(Tentative) R. Los Andes; 0350 Sp, under Colombia; talk about Peruvian earthquake, mention Chimbote, 6 June(Berghammer)
- 4780 ECUADOR R. Atahualpa; 0425 Sp ID, 7 June; YV & HR both off this day(Berghammer)
- 4783 MALI R. Mali; 0615 drums, //4834; barely audible under RTTY(Berghammer)
- 4785 DOM REP Onda Musical; around this fqy 19 May, off usual 4795(Objio)Time? (DF)
- 4790 ECUADOR R. Atalaya; 0430 Sp ID, LA pop mx(Berghammer)TC & ID 0430(Sloan)
- 4797v ECUADOR(TENTATIVE) LV de los Caras; definitely HC, but not sure of ID; gave ID 0435, but QRM blotted; clear after Dom Rep s/off(Berghammer) 7 June)
- 4800 VENEZ R. Lara daily here after 2300; good lvl 2355, 7 June(Falsig)
- 4801.5 ECUADOR R.Popular Independiente on new fqy; Ecuadorian mx: & ID 0600 on 4 June & since(Sparks)
- 4810 ECUADOR Canal Manabita on new fqy; Ecuadorian mx: & ID 0500 s/off, 4 June(Sparks) Ads & s/off 0503(Sloan) Seems to me they were on this fqy some time back(DF)
- 4810 VENEZ R.Popular; 2330 on 7 June w/"Musica Popular"(Falsig)
- 4815 UPPER VOLTA Ouagadougou often here 2200-2300 s/off; fair lvl 7 June(Falsig)
- 4820 ANGOLA Em.Oficial de Angola, Luanda; 0500 s/on Port, //7246, 9536(Berghammer)
- 4825 DOM REP LV de las Fuerzas Armadas; Sp mx pgm past 0150, 30 May(Anthony)Mx: to 0157 s/off w/anthem(Behr)Election results 17 May, 0330- after 0600, //R.Cristal, Onda Musical. Only ID hrd was "R-TV, LV de Junta Central Electoral"(Sparks)
- 4825 ANGOLA Em.Oficial; still hrd as late as 2315, Port songs. 7245 hrd to 0000 (Padula) 4825 or 4820?(DF)
- 4834 MALI R. Mali; //4783 at 0615 w/drums; RTTY off air(Berghammer)S/on 0600 w/ anthem & Fr anmts; daily(Calkin)Native mx from 2245, 7 June; good(Falsig)
- 4835v BRAZIL R.Triangulo Mineiro; 0100 over another Brazilian; usually higher in fqy; intermittent RTTY(Berghammer)
- 4839 CONGO(DR) R.Bukavu; 0415 Congo mx, 3 June; clear after YV s/off(Berghammer)

- 4840 VENEZ R.Valera; 1010 Sp, mx, 6 June(R.Fisher)s/off 0404(Sloan)
- 4845 BRAZIL R.Dif. Teresina; 0808 w/clear Port ID, pop mx(Lobdell)
- 4845 BOTSWANA R.B.; 0500 BBC mx: 1 June, QRN(Berghammer)0446 man in Afr lang; pop mx BBC mx: 0500; into lang: 0509; 9 June(Williams)
- 4850T VENEZ(tentative) Believe LA here is Ondas Populares; completely cut up by the perennial RTTY here 0330, 3 June(Berghammer)
- 4850 MAURITANIA Nouachott noted weakly with Arabic mx pgm 0710(Calkin)
- 4854 BOLIVIA R.Centenario; ID 0158; LA mx; few anmts; CW & het QRM; difficult(Sloan)
- 4855 MOZAMBIQUE RCM; Eng pops & DJ show at low signal lvl 0415(Burnett)
- 4863 BRUNEI R.B.; Malay-Indian type mx; some pops; anmts by YL 1335; strong het from stn on 4865(Peking listed)(Williams)
- 4865 BRAZIL R.Clube do Para; Port ID 0840; mx, ads, TCs, etc(Lobdell)
- 4865 ECUADOR Rdif. Cenit; 0429 good lvl(Sloan) Whatdidyouhear?(DF)
- 4870 DAHOMEY Cotonou; highlife mx, anthem, s/off 2259; fair lvl(Sizer)
- 4875T BRAZIL R.Jornal do Brasil; Brazilian pops 2255, 28 May(Falsig)
- 4875 ECUADOR LV de Esmeraldas; Sp 0445(Berghammer) Details, please. (DF)
- 4887 BRAZIL R.Pioneira de Teresina; often after 2230 w/lots of IDs & ads(Falsig)
- 4890 SENEGAL Rdiff du Senegal; 0615 Arabic Koran chanting(Berghammer)
- 4890.5 PERU R. San Juan; ID 0443, then mx pgm; Chanchamayo fades before this(Sloan)
- 4893v BRAZIL R. Bahia; 0030 Port; Manaus up 1 $\frac{1}{2}$ kHz(Berghammer)World Cup sports 0031 (Sloan)Daily after 2230(Falsig)
- 4896 PERU R.Chanchamayo w/Andean mx; ID 0505 w/call, fqys, etc(Sloan)
- 4900 VENEZ R.Juventud; 1030 Sp(R.Fisher)Details, pse(DF)Pop mx: daily after 0100 (Falsig) S/on 0900 w/anthem, many IDs & mx(Burnett)
- 4912 GILBERT & ELLICE IS reported temporarily inactive on SW by ARDXC(Berghammer)
- 4915 GHANA R.Ghana; Eng mx: 2345(Byers)Eng mx: 2200(Falsig)S/off Sat 2300 after Eng mx: at 2245, church pgm 2255(Michalenka)
- 4915 KENYA KBS; 0330 Swahili, poor(Berghammer)1820 regular(Falsig)
- 4916 COLOMBIA R.Guatapuri; 0340 Sp ID, rumbas, Sp pops(Berghammer)
- 4920 HONDURAS HRVC; Eng rel pgm 0330; ID;w/good stable sigs(Burnett)
- 4926 RIO MUNI R.Ecuatorial 0430-0530 Sp songs & Afr songs(Sparks) )Sp pgm of pops & highlife to s/off 2153, 5 June(Falsig)Sp 0430(Berghammer)
- 4930 ECUADOR R.Casa de la Cultura 0330 Sp ID(Berghammer)0335 chimes, IDs, noticias,
- 4932 NIGERIA NBC, Benin, 0500 Eng(Berghammer)news (Tuchscherer)
- 4936 PERU R.Tropical; lovely long s/off 0543. Buenos noches being sung(Sloan)
- 4939 ECUADOR R.Nac. del Ecuador; ID & Ecuadorian mx 0440(Sloan)
- 4940 VENEZ R.Valera; Sp ID 0132(Falsig)
- 4945 BRAZIL- Believed R.Capixaba w/futebol 2255; lots of QRM(Sizer)
- 4960 VENEZ R.Sucre; Sp pops 0135(Falsig)
- 4965 COLOMBIA R. Santa Fe; usual LA canciones 0140(Falsig)
- 4970 VENEZ R.Rumbos; 0350 LA mx, IDs(Tuchscherer)
- 4976 UGANDA Kampala w/Eng mx 2101(Sloan)1840-1945 Nat. Svc(Falsig)
- 4980 GHANA Ejura; Eng mx 2010(Sloan)Eng mx: 0600 (Berghammer)
- 4986T ANGOLA R.Eclesia believed the stn here 0600 in lang under RTTY(Berghammer)
- 4995 PERU R. Andina; 0500 Andean mx; Huancayo is south of main earthquake area (Berghammer)
- 5010 DOM REP R. Cristal; strong & often hrd 0430(Sloan) Details, pse(DF)
- 5015T ANGOLA RC de Mocamedes almost certainly the poor sig under RTTY 0600; currently making it to Australia around 2230(Berghammer)
- 5017.5 BOLIVIA CP48; R.Universo; 0230 bells & ID; mx past 0400(Behr)
- 5026 BOLIVIA La Cruz del Sur; better than ever 0229 w/Eng to 0302 s/off(Lemna)0305 Sp, then Eng s/off anmt; fair(Henry)
- 5030 VENEZ R.Continente; time anmts, two a minute; excellent; off 0400(Burnett)
- 5030 SARAWAK RMS; IS 1028-1030; s/on in native lang; mx in Bidayuh(?) past 1037; then cmtry(Young)
- 5030 DOM REP LV del Papagayo; Sp talk to 0528 s/off w/anthem; 20 May(Behr)
- 5035 BRAZIL R.Anhanguera; ID as "Anhanguera, Emisora Lider" 2330(Sloan)

- 5041 ECUADOR R. Centinela del Sur; Ec mx to 0544 s/off w/ID, 2 June; operates irreg. Again 8 June from 0400 w/election results(Behr)"R. Centinela" ID hrd 0544 s/off on 2 June; possibly Cintenela del Sur on a new fqy; Ec mx, chimes, & final ID only(Sparks)
- 5047 TCGO Lomé; Afr & pop mx: 2 June at 0550; fair(Heggs)
- 5050 TANZANIA R. Tanzania; 0400 Swahili; het from Loreto, down 1 kHz(Berghammer)
- 5180 PERU R. Atlantida; 0405 Peruvian mx & IDs(Behr)
- 5925 UZBEK SSR(list) Tashkent 0000 w/Russian mx(Berghammer)
- 5927U I can hear a SA stn on this fqy; presume is R. Puno, but no ID; as early as 0050; mx at nice lvl, but male ancr has weak voice(Tuchscherer)
- 5940 CAMBODIA Phnom Penh had tx troubles 9 May; was here instead of 6090; distorted & broken at 1301, ending Eng mx; IS & ID(Hauser) (Williams) /
- 5950T PERU R. Arequipa(tentative); Latin mx, tentative ID 0328 & 0331; lots of ads
- 5954 COSTA RICA R. Casino; 0500-0600 Eng w/mx(Henry)Eng ID & s/off 06000(Berghammer)
- 5955 GUATEMALA TGNA; Eng talks 0415-0430 s/off(Jones)
- 5955 E.GERMANY RBI; Eng to NA 0230-0315, //9730(Berghammer)Arabic 2150, ex 6050(Padula)
- 5960 ANGOLA A. Voz de Angola; 0545 Angolan mx //9660(Berghammer)Fiesta mx 2345(Padula)
- 5965 BRAZIL R. Guaiaba; 0012 mx, ID, mx; Portuguese(Tuchscherer)
- 5995 POLAND Warsaw; Fr mx to Eur 2105; clear with VOA-Thess. moved(Padula)Out order(DF)
- 5980 EL SALVADOR YSS; Sp 0430, ID(Berghammer)
- 5980 S.AFRICA R. RSA; Eng to NA 0040(Banta)Eng 0044(Jones)0125 IS, ID, Eng mx, ID, cmtry to 0155 t/o(G. Ferguson)
- 5985 TANZANIA RT; Eur & Afr mx: pgm 0320; Swahili anmts(Calkin)Usual Swahili pgm with ads, Afr pops; good 0327(Sizer)
- 5985 ARGENTINA R. Splendid; 0015 Sp, flamenco guitar(Berghammer)
- 5990 BRAZIL R. Min. da Educacão, 0100 Port ID & mx(Behr)
- 5995 BOLIVIA CP51, R. Loyola; 0100 Sp sports, ID 0130; exc sig to VOA s/on 0145(Behr)
- 6005 W.BERLIN RIAS; German, mx; 0300(Henry)
- 6005 CANADA CFCX, Montreal; 0705 Eng, mx, ads(Rowell)
- 6005 BOLIVIA CP58, R. Progreso; 1000 Sp & Aymara pgm; a few cycles above CFCX(Behr)
- 6006v COSTA RICA R. Reloj; 0430 Sp ID, sports news (Berghammer)
- 6010 E.GERMANY RBI; 0000-0045 Sp to LA //9500, 9600(Berghammer)S/on 2315, Port to Brazil; ex 9500(Padula)
- 6010 ASCENSION IS BBC; s/on Eng 0500(Anthony)
- 6015 PARAGUAY ZPA10, R. Paraguay; 0130 mx, Sp anmts; past 0230; clear sig, PRAB apparently off air(Behr)
- 6020 NETH. ANT. R. Ned.; s/on 2300, into Dutch mx, long route; still hrd 2330(Padula)
- 6020 PERU R. Victoria; this & most other Peruvian stns hrd relaying messages("mensajes") from friends & relatives thruout Peru to those in earthquake area north of Lima. Frequent calls made to Chimbote & Huaras, 0600(Berghammer)
- 6025 PORTUGAL RP; DX news in Eng 0215-0230(Jones)0200 s/on Eng to NA(Michalenka)
- 6030T GABON RTV Gabonaise, Franceville(tentative); 0700 Fr, bad QRM(Berghammer)
- 6035 POLAND Warsaw; 0000-0200 Polish for seamen; low modulation(Berghammer)
- 6035 NIGERIA(Biafra) R. Nigeria, Enugu; Eng mx 2200, ID 2205; "This mx bdest comes to from R. Nigeria, Enugu". Into Afr mx medley at 2215 on a Sat; still hrd 2255. Seems extended sked for this outlet as WPTH shows s/off 2000; maybe pwr increase too, as all over VOA-Mva, and Monte Carlo; also on this fqy then(Padula)
- 6040U ECUADOR 0501 "Transmite R. Disciencimento"(?), then off(Hirst)
- 6040 COLOMBIA LV del Tolima; ID, anthem & off 0400; QRM(Hirst)
- 6049 MOZAMBIQUE RCM; 0430 Eng; pop mx, thru Honduras(Berghammer)
- 6050 HONDURAS R. America; 0430 Sp, clear ID; US pops, rarely clear(Berghammer)
- 6055 MEXICO R. Mexico; Eng mx 0310; fair(Sloan)
- 6060 ARGENTINA R. Nacional; 0915 Argentine folk songs(Berghammer)
- 6065 MEXICO R. Dif. México; pop mx 0035, 28 May(Objio)
- 6065 COLOMBIA LV del Llano; 0030 w/Sp anmts, badly squeezed(Martin)
- 6070 THAILAND R. Thailand; s/on 2300, chimes, into HS(Padula)
- 6075 ASCENSION IS; BBC; 0500 WS mx to Afr(Anthony)

- 6080 ALGERIA RTVA; w/"A Voz do Liberdade" pgm of exiled Port. communists; gives clear Algiers address; s/off w/"A Portuguesa"; 0000-0055(Berghammer)
- 6082 PERU R.Nacional de Peru; 0150 w/earthquake coverage(Martin)0715 quake news(Rowell) Calling Huarez w/emergency traffic 0310; exc(Calkin)
- 6085 BRAZIL R.Jornal do Comercio; pop mx in Port w/ID 0053(Lobdell)
- 6085 NETH ANT TWR; 0318 "Music & You", into Zulu 0323; new fqy?(Tuchscherer)
- 6090 ARGENTINA R.Belgrano 0025 w/football cmtry. RTV Dominicana no longer here(Objio) 0915 damage reports from Peru earthquake(Berghammer)ID 0020; noticias(Tuchscherer)
- 6090 AUSTRALIA VLR6, Sydney; 0710 Eng; classical mx; fair(Rowell)
- 6090 NIGERIA RTV Kaduna; 0545 European light mx; hets Luxembourg(Berghammer)
- 6090 LUXEMBOURG RL; 0430 German rel pgm(Berghammer)
- 6090 MEXICO XECMT, Cuid. Mante; Sp pgm & ID to 0518 s/off(Behr)
- 6090 CAMBODIA Have checked "local" Eng nx almost daily 2350 & 1250; anti-communist, but little mention of American activities; strong(Hauser)
- 6095 THAILAND As per newspaper ads, TTT Radio(Thai TV) has Eng session Sundays 0300-0700 on this fqy, not usual 6105; 10 May at 0435 w/British DJ & pop mx in "Motoring Melodies". News 0500; strong(Hauser)
- 6095 PERU R.Nac.Mil Ochenta; 0300 Sp quake coverage//R.Nac. 6081, 9562(Berghammer) 0355 calling stricken towns w/messages re safety/whereabouts of different people. Many from US. Nightly since earthquake(Hirst)
- 6096.8 SOMALI REP Mogadishu w/Eng nx 1731; Baghdad on 6095 no longer there or else very quiet(Sloan)
- 6100 AUSTRALIA RA(Lyndhurst-see June, DF); 1100 Eng; 1130 Chinese(Behr) (Padula)
- 6110 NETH.ANT. TWR; now here w/Ger 1000-1030, //11855; Sp now 1030-1200 on 9730 /
- 6115 COLOMBIA Ondas del Meta to s/off 0503 w/ID & anthem; never hrd R.Mil(Behr)
- 6115 CONGO REP RTC, Brazzaville; 0430 s/on Fr //4765 etc(Berghammer)
- 6115 PERU R. Unión; 0330 quake coverage(Berghammer)0426 variety oc LA songs(Lemna)
- 6120 HAITI R.4VEH; Fr/Creole svc 1100 w/lite mx, fair(Martin)Fr tlk 1002(Sizer)
- 6123 TAHITI R.Tahiti; 0630-0759\* Fr; strong; tx hum, poor modulation, 30 May(Behr)
- 6125 HONDURAS HRQ, R.Suyapa carries an Arabic pgm 0100 Monday(Niblack)Sports mx (Objio)Time?(DF)0631\*; always IDs as R.Suyapa, never Voz de Suyapa(Behr)0505 Sp ID, local press review; only in the summer(Berghammer)The stn or press review?(DF)
- 6130 LAOS RDN Lao; 1145 Lao songs, 1200 7 bells & Laotian; faded 1220(Behr) Eng lesson 1255-1302; no ID; native mx 1304(Young)
- 6135 POLAND Warsaw; good 1859 w/majestic IS; 12 note IS on piano, into Polish(Hauser)
- 6140 ECUADOR R. Vision; ID 0430; fqys; clear 0416-0430(Sloan)
- 6150 CHILE LV de Chile; 0440 ID, then "Pomp & Circumstance", carrier off 0443(Hirst)
- 6155T ANGOLA(Tentative) Either new Angolan or RC Benguela drifting noted 0515 in Port; US pop mx, interspersed w/famous Beethoven IS used in Lisbon bdcsts; extreme QSB points to southern Afr QTH, eliminates possibility of W.Eur; 3 June(Berghammer)
- 6155 HAITI R.Citadelle back after a year's absence; usually relay R. Haiti 1100(Objio)
- 6170 VENEZ R. Nacy; s/on 1000, usual classical mx(Padula)
- 6160 COLOMBIA Em.Nueva Granada; Sp ID w/call(HJKJ); good 0330(Michalenka)
- 6175 MALAYSIA V. of Malaysia; 1100 Indonesian, 1 June(Berghammer)
- 6175 NIGERIA NBC, Kaduna; 0530 Eng, mixed Brazil 1 June(Berghammer)
- 6175 Low fqy headache only sig here(Hirst) Ed.note:looking for Galapagos, but have not been able to hear anything, either. See June FS(DF)
- 6180 VENEZ. R.Turismo; on SW w/ID 0201(Sloan)13 May(Objio) Time?(DF)
- 6190 PHILIPPINES? UNID stn 1130 western pop mx & many ads; 1200 mx in filipino or similar lang; 19 May(Behr)
- 6195 HAITI R. Haiti; 1100 Fr w/light mx(Martin)
- 6195 S.AFRICA All Night Svc; good sig 0145 w/mx(Burnett) (Sizer)
- 6196v TUNISIA RTVT; 0500 Arabic; hets BBC(Berghammer)Mx 2248, no sign of BBC this day
- 6203 PERU Unid at 0320; the Swedes have hrd R.Huamanga(Sloan) So have the NAs(DF)
- 6210 Has been months since R.N.I. was hrd here(Falsig) 0540 Ger, mx(Henry) Huh? What date on this logging, please(DF)
- 6250 FERNANDO POC Santa Isabel w/pop mx to 2200, Sp mx, highlife 2205, 1 June(Sizer)

- 6250 PERU R. Cuzco; exc w/mx pgm around 0330, 4 June; no mention of quake (Calkin)  
Several nights around 0125 w/ID, TCs, LA mx (Sizer)
- 6257U UNID LA very faint 0215 (Sloan)
- 7060 ALBANIA Tirana; same grating female voice 2220 in Eng; weak but clear (Sizer)
- 7105 ASCENSION IS BBC w/Eng nx 0620; good (Sizer)
- 7107 THAILAND Thai TV Co.; 1130 Thai mx; weak but clear (Sizer)
- 7115 SOLOMON IS SIBS; 0815 Eng, CW mx; fair (R. Fisher) 1100 Eng nx over Thailand  
(Berghammer) ABC nx 1100, mx 1115-1130 s/off w/full ID & GSTQ; strong (Behr) 1121  
old pop records to 1130 close; XL ancr in Eng (Tuchscherer)
- 7115 THAILAND Thai Nat. Stn.; 1130 Thai lang, clear after SIBS s/off (Behr)
- 7116v CONGO (DR) RTVNC; 0230 Fr, Congo mx 1 June (Berghammer)
- 7125 GUINEA Conakry; 0610 man in Fr, weak (Henry) Fr nx 0700 (Berghammer)
- 7160 OKINAWA VOA; old pops 1140; Eng (Tuchscherer) Sked shows 7165 (DF)
- 7170 NEW CALEDONIA Nouméa; 0725 Fr, local mx (Rowell) 1000 classical mx, ID 1025, then  
radio play, off 1100 (Michalenka) 0600 Fr & mx; Fr nx 0700 (Behr) Fr nx 0700, 1 June  
(Berghammer) Fr 2100; QSL gives pwr as 20 kw (Padula)
- 7174v S. VIETNAM VTVN; 1000 Vietnamese (Berghammer) Details, please (DF)
- 7204v CONGO (DR) R. Lubumbashi; 0500 Swahili (Berghammer) Details, please (DF)
- 7210 SWITZ ICRC test 2300, 25/27/29 May; to 0000 s/off (Behr, Calkin, Michalenka)
- 7210 SENEGAL Dakar; 0730 Fr, Fr songs; good (Rowell)
- 7215 IVORY COAST Abidjan; Fr talks 0715 w/male DJ //11920 (Burnett)
- 7216v CLANDESTINE here 1030 in Viet, hets Brunei. Don Jensen says is "V. of Patriotic  
Militiamen's Front". Is this pro or con? (Berghammer)
- 7230 JAPAN NHK mixed BBC lang lesson 0715 (Burnett) Pgm details, please (DF) 1000  
s/off Japanese; leaves FEBC clear (Berghammer)
- 7235 W. GERMANY DW; 0345-0405 Eng to Afr //9545; ex 7150 (Berghammer)
- 7245 S. VIETNAM VTVN; 1100 Viet (Berghammer) Pgm details, please (DF)
- 7246 ANGOLA R. Angola; 0530 Port, hets Austria; //4820, 9536 (Berghammer)
- 7270 ARMENIAN SSR Yerevan w/Armenian tlk; own pgm, not audible listed 4040; sked  
change? S/off 2103; this fqy hrd for years around 1600-1800; currently clear  
2000-2103; Warsaw shed, too, but not hrd (Padula)
- 7275 NIGERIA R. Nigeria; 0600-0730 Eng //11770, 15365 (Berghammer)
- 7280 LIBERIA VOA; to Afr w/Eng; s/on 0259 (Anthony)
- 7285 JAPAN NHK; 1000 s/off Japanese (Berghammer)
- 7295 USSR Moscow Arabic Svc. here, //7310; s/off 2030; recent new fqy (Padula)
- 7295 INDONESIA RRI, Menado; s/on 2100 lately, into pops (Padula)
- 7306 NIGERIA (Biafra) Emugu returned here & noted w/fair to good sigs from 0500 s/on;  
drum IS & local ID; first noted 3 June. Is this old Biafran tx? (Calkin) I'll  
stick my neck out & say it very likely is. (DF)
- 9456 PERU R. Continental de Arequipa; 1030 Sp, Andean mx (Berghammer)
- 9463 PERU R. Continental de Arequipa; up from 9452, 9 June at 0400; pop mx, ID &  
usual IS of piano rendition of theme from "Born Free" (Sparks)
- 9475 EGYPT Cairo; 0212-0230 nx & mx (Handler)
- 9500 E. GERMANY RBI; recent new fqy; Sp to LA 0030, ex 6100; well hrd (Padula)
- 9505 DOM REP HISD; Full Sp ID 1100 (Anthony) 1100 ID, Sp nx, tlk, ID 1110; TC & more  
mx; anncd mx pgm 1116 (G. Ferguson)
- 9505 ALBANIA Tirana; Arabic ID 1909 after nx in Arabic; don't confuse w/Sudan-9508  
listed but inaudible (Padula)
- 9510 ALGERIA RTVA; 0700 Fr nx & cmtry (Berghammer) (Martin)
- 9515 MEXICO LV de la America Latina; Sp 0145; frequent mention of "Casablanca" /
- 9515 MALAYSIA R. Malaysia, Penang; 1030 Malay (Berghammer) Pgm details, please (DF)
- 9520 NEW ZEALAND RNZ; 0900-1145 Eng to Australia (Berghammer) 0955 mx, ID & IS 0959;  
then Eng nx, market report; pop mx 1010 (G. Ferguson)
- 9520 KUWAIT RK; Arabic chants; mixed Paris 2040 (Padula)
- 9520 PAPUA VLT9; Port Moresby; 0648-0745 Eng; ABC pgms; good (Rowell)
- 9525 POLAND Warsaw; begin Sp to Eur 2030; in clear now that Finland on 9530 (Padula)
- 9530 FINLAND OYA; 2000-2100 Finnish to Eur //11755, 15185, ex 9550 (Berghammer) New  
fqy, ex 9525; 2000-2100 Finnish, Eng ID prior to s/off 2100 (Padula)

- 9540 AUSTRALIA RA; 0125 giving fqys, then cmtry 29 May(Objfo)That time correct?(DF)
- 9540 NEW ZEALAND RNZ; 0645 Wed. w/Art Cusher's 'DX World in Eng(Rowell)-3 June  
Eng to Pac 0600-0845; QRM Lubumbashi(Berghammer)
- 9540 POLAND Warsaw; Polish pgms to NA 0310 //7125, 11815(Hicks)
- 9545 BRAZIL R.Em.Paranaense w/Port futebol bcst under DW in Sp 2325(Sizer)
- 9545 EL SALVADOR YSS mentioning LV de Guat. several times 0145 A, but then propaganda.  
Apparently phone interviews w/people in Mexico, asking what they thot of El  
Salvador, and what their "muchachos y muchachas" had learned about them. Obviously  
prepared statements read, many by children, ending invariably in "Viva Salvador"  
ID 0245, //5980 which was clobbered(Hirst)Fqy correct?(DF)
- 9550 BULGARIA Sofia; Sp cmtry to LA 0215 //11765(Padula)0200 Sp on new fqy(Behr)
- 9553.5 EL SALVADOR R. Nacional; Sp ballads 0355(Padula)
- 9555 ECUADOR HCJB; new fqy; Sp rel tlk 0945, blocked 1000 by VOA-Philippines s/on  
same fqy; ex 11745 this time period(Padula)
- 9555 ENGLAND New fqy for rebcast of CBC Ger pgm 1830, ex 9600; BBC Ger 1900(Padula)
- 9552 PERU R.Nacional; relay "mensajes" all night since quake; 0930(Berghammer)
- 9570 ECUADOR HCJB; 0815 Eng to S. Pac. (probably) (Berghammer)0800 "Back to the  
Bible", Russian 0830(Padula)Sp to Eur 0630(Rowell)0500 Rumanian, 0515 Greek(?),  
0530 Swedish(Behr)
- 9570 CHILE R. Portales; 0130 Sp talk & mx(Behr)1144 Sp talk & frequent IDs(R.Fisher)  
1005 ID; TC; also hrd 2330, again at 0150; LA format(Padula)
- 9570 E.GERMANY RBI; 2000-2045 Eng tl W.Afr; ex 11810; het RNE(Berghammer)Fr to Afr  
2045, ex 11810, mixed RNE(Padula)
- 9570 AUSTRALIA RA, Melbourne; mx/mx in Eng 1430-1530(Jones)
- 9575 NETH.ANT. R.Ned.; 0330 s/on Dutch to WNA; mix Rome's bird chirps(Padula)
- 9578v ECUADOR UNID HC stn 0915 in Sp; Andean mx; mention Quito; R.Jesus?(Berghammer)
- 9580 AUSTRALIA RA; 1115-1200; nx/cmtry/mx(Handler)
- 9580 PHILIPPINES V. of Philippines; 0930 Eng world mx(Berghammer)
- 9580 ENGLAND BBC Eng to Afr 2045; Fr 2115; had "Report on Africa" in Eng(Evans)
- 9585 SYRIA Damascus; 2045 fair w/Arabic chants(Henry)
- 9590 CHILE R.Pres.Balmaceda; TC 2236, then guitar mx(Padula)
- 9595 JAPAN Nihon SW Co.; "Let's learn Japanese" 1045 daily; good sig(Calkin)
- 9600 ECUADOR HCJB; test in Sp 0930(Berghammer)
- 9606 BOLIVIA CP97, R.Porai, Sta.Cruz; 0030 mx, 0100 full ID & ads; Sp pgm to 0155  
when DW s/on; since 23 May; usually IDs as "Pirai Radiodifusion" (Behr)
- 9610 AUSTRALIA VLW9, Perth; 1130 pop mx(Henry)1130 ABC ID, song pgm; ID 1200-from  
ABC; continued with story(G.Ferguson)
- 9615 COSTA RICA LV de la Victory; 0130 badly distorted sigs, Sp & lite mx(Martin)Back  
on again 12 June at 0315 w/US dance records & ID; pwrful(Sparks, Tuchscherer)  
All mx 0030-0400 s/off, since 23 May(Behr)
- 9615 TANGIER VOA; Eng ID 0414, into Hungarian(Anthony)
- 9615 USA WNYW, recont new fqy, dance mx, Sp & Eng armts; s/off 0230(Padula)
- 9625 CANADA CBC; 1235 SW Club talk in Eng(Banta)
- 9625 PERU R.Atlantida; s/on 1100, ID, fqys, Peruvian mx 1102(Padula)
- 9625 ISRAEL Kol Isreal; 2046-2100 mx, cmtry(Handler)See June, time should be 2045,  
not 0215(Allen) Thanks for correction(DF)
- 9635 SINGAPORE R.Singapura; 1000 Cantonese(Berghammer) pgm details, please(DF)
- 9640 S.KOREA Seoul; Jap 1000-1030, apparent new sked; sometimes 6135 //; Kor 1030 on  
6135(Padula)1100 s/Gen Svc in Eng; jammed 5 min later(Michalenka)(Berghammer)
- 9646v CHINA R.Peking; 1100-1200 Russian; QRM Khabarovsk(Berghammer)Pgm details?(DF)
- 9650 CYPRUS BBC, 0230 WS to ME(Berghammer)
- 9650 S.AFRICA SABC Afrikaans Svc 0630; assume sked is similar to last summer: 0615-  
1615 //3320 or 7185 depending on the hour(Berghammer)
- 9653 THAILAND TNBS; 1100 Thai, VOA up 1.5 kHz(Berghammer) Huh? VOA off fqy? ??(DF)
- 9660v SPAIN RNE; 2300-0500 Sp to LA, ex 9570 //11710, 15195(Berghammer) Then why  
list E.Germany as hetting RNE?(DF)Sp to LA, mixed Brisbane same fqy(Padula) 2310
- 9660 ANGOIA R.Angola; 0530 Port, then Afr mx, //5960, but stronger(Berghammer) I thot  
this outlet was " A Voz de Angola " (DF)

- 9660 VENEZ R.Rumbos; LA mx, s/off 0505 w/full ID(Heggs)S/on 0930, ads(Berghammer)
- 9660 AUSTRALIA Brisbane; fair w/Eng mx 1300(Byers)
- 9660 ENGLAND CBC relay, Polish 2110, Hungarian 2130(Behr) (Berghammer)
- 9665 MALAYSIA RM; CW songs in Eng 1044, mx 1100, Eng(Lemna)1115 Eng folk mx; pgm, ads/
- 9665 MONACO TWR; 0815 Eng sermon(Berghammer)
- 9665 PORTUGAL DW, Sines, noted 3 June beginning Rumanian pgm, carrier & IS 0430, listed //7150, but this freq not noted till 8 June. Presume this is Sines which was to begin E.Eur tx for DW this time, this freq; tx: Bill Matthews for tip(Calkin)
- 9675 PERU R.Del Pacifico; 0005 mx, Sp anmts; 0030 ID, orch. mx, tlk; ID 0045 (G.Ferguson)0205 Eng mx, ads; 0300 Sp pgm to 0426\*; Sunday 0300\*; from 23/V(Behr)
- 9675 BRAZIL R.Diario da Manha; Florianopolis; s/on 0903 w/band mx, Port ID(Lobdell)
- 9680 AUSTRALIA VLR9, Melbourne; 0645, Tuesday; Parliament speeches(Rowell) Local stock report 0825; ID 6 freqs, TC(Burnett)
- 9680 S.AFRICA SABC Eng Svc; 0630 Eng, over ABC(Berghammer)
- 9682v VENEZ R.Maturin(tentative) new outlet; strong 1.130 Sp; local QRN(Berghammer)
- 9682 ARGENTINA RAE Sp pgm w/LA mx 0325(Hicks)
- 9685 TAIWAN VOFC; 0850-0950 Japanese(Berghammer)
- 9685 ALGERIA Algiers; 2100 Arabic; fair(Henry)Pgm details?(DF)
- 9690 CHILE LV de Chile; "Pomp & Circumstance" theme 0200, then mx(Padula)
- 9695 INDIA AIR, Delhi; 1328 IS, UNID lang; no sign of Cambodia(Behr)
- 9659 S.AFRICA RSA; 2325 IS, ID 2329, Eng mx, cmtry, mx; 9705 also well hrd(G.Ferguson)
- 9709v MALAYSIA RM; Penang; 1030 Indonesian(Javanese or "Bahasa Indonesia?")(Berghammer)
- 9710 ECUADOR HCJB; 1200-1230 Japanese(Berghammer) Assume gospel pgm?(DF)
- 9710 DENMARK RD; s/on 0100 in Danish, new freq; under HCJB, since 23 May(Behr, Niblack) S/on 0100 10 May(Heggs)0100-0145 s/off w/test to ENA, ex 9520(Berghammer)
- 9715 ECUADOR HCJB; Japanese 1130-1230 s/off, //1.1765(Behr)
- 9715 BOLIVIA CP21, R.La Plata; 0030 Sp sports past 0200; clear IDs, from 23 May(Behr)
- 9715 PHILIPPINES FEBC; Russian 1000-1100(Berghammer)
- 9720 CEYLON Colombo; 27 May w/election returns & ads; in Eng; 2300 tune(Anthony)
- 9720 S.AFRICA Springbok Radio; 063 Eng, Afrikaans; request pgm of lite mx(Berghammer)
- 9725 MALAYSIA BBC; 1030-1100 Indonesian(Berghammer)
- 9730 E.GERMANY RBI; 2015-2-45 Eng to Eur(Berghammer)
- 9735 W.GERMANY DW; Eng talk 0210(Jones)
- 9740 ARGENTINA R.Splendid; fine lvl w/ads 2325; seldom loggable(Niblavk)0100 Sp sports; Clear ID 0130(Behr)
- 9740 S.AFRICA R.RSA; Port. 2100-2150 s/off(Behr)
- 9745v MEXICO RM; 0130 test in Sp(Berghammer)0000-0100, Eng ID 0010(Padula)Eng & Sp 0213-0320(Jones)2315 Eng & Sp, HCJB gone; good(Niblack)2229 Sp/Eng/Ger(Young)
- 9745 AUSTRALIA RA, Darwin?; 1200 Indonesian //6055, 7220(Behr)
- 9745 USSR R.Vilnius; Eng to NA 2230; fair(Hicks)
- 9750 INDIA AIR Variety, Madras; 1045 Indian regas(Berghammer)
- 9750 ENGLAND BBC rebcast CBC Russian 0330, mixed Chile(Padula)
- 9770 INDONESIA RRI, Djakarta; 1100 Indonesian, 4VEH down 1 kHz(Berghammer)
- 9770 CHINA Peking w/Eng to NA 0330-0346 s/off w/anthem(Evans)
- 9833 HUNGARY R.Budapest; 0104-0125 mx, cmtry, songs(classic & pop)(Handler)
- 9913 RYUKYU IS VUNC; Korean 1103-1117; heavy jamming(Young)
- 9965 UNID...0350 instr. mx, 0400 Eng ID "Radio ...", then unfamiliar anthem to 0402\*. Said would return "tomorrow morning". Hrd again 8 June w/weak mx, 0350 tx: hum & modulation gone, no anmts.(Behr)
- 10100 PERU R.Loreto, 2x:5050; 0330 mx & Sp ID, fair(Behr)
- 11445 CHINA Peking; 2000-2100 Ger to Eur(Berghammer)
- 11672 W.PAKISTAN Karachi; 2010 Eng request pgm; off 2030(Henry)
- 11705 SWEDEN RS; Eng to WCNA s/on 0330; news, cmtry(Evans)3/off 2315; Eng(Anthony) 0331-0400 mx & mx:(Handler)
- 11705 NEW ZEALAND RNZ; 0900-1145 Eng to Australia //9520; ex 11830(Berghammer)
- 11715 SWITZERLAND SBC; Eng mx 0130 after s/on(Jones)
- 11720 MEXICO R.Mexico; end Eng 0554 w/full Eng ID(Anthony)

- 11.730 NETH.ANT. R.Ned.; 2130-2145 regular pgm(Handler)What's that?(DF) Dutch best w/ delightful mx 2340(Evans)
- 11.730 AUSTRALIA RA; bilingual(Eng/Indonesian) best to Indonesia 1035 w/US pops; 11.00 TC, full ID in Eng, into Cantonese pgm 11.30(Evans)
- 11.735 URUGUAY R.Oriental, Montevideo; Sp talk 1040, mx 1045, ads, more mx 1055; vocals, etc; still there 11.30(Padula) (Evans)
- 11.745 ECUADOR HCJB; Eng to Americas 0400 TC, ID, rel worship svc, //9710, 15115
- 11.745 FRANCA ORTF; Fr pgm 1930, talk & mx(Hicks)
- 11.750 ENGLAND BBC; Eng to Australiasia 1200 w/R,Newsreel(Evans)
- 11.755 FINLAND OYA; noted s/off 21.00 Finnish to Eur //9530, 15185(Berghammer)
- 11.755 ARGENTINA LRX, Buenos Aires, "Servicio Internac. de Em. Comerciales Argentinas"; 0045 mx & Sp armts to 0300(Behr) 1030 Sp(Berghammer)
- 11.770 INDONESIA YDE Djakarta, 1230 mx, 1300 Indon mx; strong, possibly 100 kw(Behr)
- 11.770 NIGERIA R.Nigeria; 0600-0730 Eng to W.Afr; formerly unsked(Berghammer)
- 11.775 SWITZERLAND SBC; 0700-0730 Eng to ANZ, //9590, 21520(Berghammer)
- 11.775 INDIA AIR; 1000-1100 Eng to ANZ(Berghammer)
- 11.775 USSR "R.Vilnius"; great reception 2233-2245(Handler) Pgm details, please(DF)  
EDITOR'S NOTE: It should be pointed out that the various pgms labeled "R.Kiev", "R.Vilnius", etc., are taped in the respective studios of Kiev, Vilnius, etc., and are then broadcast over the usual network of Soviet transmitters. However, it is transmitter location that counts, not studio location. Thus this logging would count as Lithuanian SSR only if the transmitter were actually located there. (DF)
- 11.780 JAPAN NHK; 1230-1300 Viet to SEA //9525, 11940(Berghammer)
- 11.790 DENMARK RD; noted weakly one night 0230 s/on Danish; new fqy(Calkin) (Behr)
- 11.792.5 CHINA Peking; Chinese 1400-1410 s/off daily; open & close w/Red March, no IS
- 11.795 BRAZIL R.Nacional, Rio; World Cup football news from Guadalajara, MEXICO, 0215. 8 June(Sparks)
- 11.795T LIBYA Tripoli; 1950 mx & talk in Arabic; no ID hrd; mx 2020(Tuchscherer) 10 May
- 11.795 E.GERMANY RBI; Ger to Afr, new svc, 0415 over DW also in Ger(Padula)0615-0700 Eng to W.Afr, ex 9500(Berghammer)
- 11.795 ETHIOPIA ETLF, 0255 Eng IDs, 0300 Fr mx, new fqy(Behr)
- 11.795 NETH.ANT. TWR; 0145 Port, 0217 Sp, very poor fqy; QRMs Rio, //15350; at 0400 Russian on 11.790(Behr)
- 11.800 CANARY IS RNE; good w/pops in Sp 2230, no local ID(Anthony)
- 11.800 CEYLON Colombo; 1055 Indian mx, lang armts, 11.30 armts & more mx; 1215 still with mx & good sig(G.Ferguson)
- 11.800 CZECH Prague; 0700-0800 Eng to ANZ //9575, 15310, 21485, 21700(Berghammer)
- 11.805 USA AFRTS, Eng 1140 w/new conference w/Sec'y Laird(Evans)
- 11.810 AUSTRALIA RA; Eng to SEA & Pac. Is.; stock report 1130, mx 1200, //7205, 9570, 11880, 15140, 21485(Evans)
- 11.815 JAPAN NHK; 1200 s/on, ID, fwy, Eng mx; 1210 press quotes; 1215 ID for "R.JAPAN" & into Japanese(G.Ferguson)
- 11.820 E.GERMANY RBI; 0130-0215 Port to Brazil, 1 June(Berghammer)Sp to SA 0005, //9500; ex 9600(Padula)
- 11.820 NETH.ANT. TWR; Eng rel pgm s/on 0030-0100(Jones)1220 w/Dr.McGee pgm of Bible discussions; well hrd to close of Eng at 1238(G.Ferguson)
- 11.825 TAHITI R.Tahiti; beautiful sig to 0800 s/off(Calkin)Eng lesson 0230-0300(Heggs)
- 11.825 SWEDEN RS; 0030-0100 Eng to WNA(Berghammer)SCDX 0218-0230 s/off(Jones)
- 11.830 NEW ZEALAND RNZ; 0900 local mx in Eng(Banta)
- 11.834V URUGUAY R. El Espectador; 0145 Sp(Berghammer) Pgm details, pse(DF)
- 11.850 GHANA R.Ghana; 2000-2018; pse publish address(Handler)Pse include pgm details and double space between items. Check WRTM for address; if someone has a more current address, send it in & I'll print it.(DF)
- 11.855 BRAZIL R.Nove de Julho; 0100 Port & mx; QRM WNYW; here 14 years ago; now re-activated, //9620(Behr)
- 11.860 AUSTRIA OR; 1400-1600 Ger to Eur, ex 11785(Berghammer)

- 11865 SWITZERLAND SBC; 2200-2245 s/off Fr to Eur, Afr, //11720, 25305, 15430  
(Berghammer) (G.Ferguson)
- 11875 INDIA AIR, Delhi; 1135 singing, lang anmts, mx; 1200 M&W in dialogue in lang!
- 11875 NICARAGUA RNN, Managua; 1345 ID, singing, 1359 ID, TC, mx, ID 1415, 1 June;  
also 8 June very strong at 1205 tune(G.Ferguson)
- 11880 SWITZ SBC; 0030 Italian, 0045 Sp, //11720, 15305, 17830(Behr) (Berghammer)
- 11884v ROMANIA Bucharest, 0130-0230 Eng //11940 etc., 1 June w/muffled audio
- 11895 URUGUAY SODRE, Montevideo, 0100 mx, 0146 Sp mx, 0200 s/off(Behr)
- 11900 USSR R.Moscow w/Eng to NA to 0330; rpts & interviews, //11850, 11770, 11730,  
9680, 9600(Evans) Believe those ancd fqys may be off 5 kHz(DF)
- 11900 MALAYSIA RM, Mandarin mx: 1130(Berghammer)
- 11904v INDONESIA R.Angkatan Udara; 1130 Indonesian; het USSR(Berghammer)
- 11910v THAILAND R.Thailand; 1130 Malay, 1145 Eng ID, chimes IS, tx break, then resume  
1148 Mandarin with weaker sig(Berghammer)
- 11910 HUNGARY Budapest; mx/mx in Eng; s/on 0100-0115(Jones)
- 11920 PHILIPPINES FEBC; Japanese(?) to SEA 1000, after Eng ID(Evans)
- 11925 UZBEK SSR Tashkent; Eng to 1230, ID 1234 after political tlk & exotic mx(Evans)
- 11925 LEBANON Beirut; Eng to NA 0230-0300, then Arabic(Hicks, Berghammer)
- 11935 CANADA CBC, recent new fqy; Eng 0600, mixed Lisbon(Padula)
- 11935 S.AFRICA Springbok Radio; 1330 mx & Eng ads; 100 kw to SWAfr(Behr)
- 11945 W.GERMANY DW; better at 0200 to SEA than on any NA fqy(Tuchscherer)
- 11948 PARAGUAY R.Encarnacion; Paraguayan mx: to 0210 s/off w/ID; strong & clear(Behr)
- 11960 PHILIPPINES VOA; s/on Indonesian 1130; Tinang or Poro?(Evans)Tinang, 250 kw, on  
11965 is listed 0800-1500(DF)
- 11970 GRENADA WIBS; mx/quiz show in Eng 0034-0100(Jones)S/off w/rel mx & prayer at  
0215; fair(Burnett)
- 11970 E.GERMANY FBI now here 0330 w/Eng mx, some nites thru the jammer; have recently  
noted other R.Liberty fqys jammed(Tuchscherer)
- 11990 CZECH Prague; 0350 Eng talk, good(Banta)Eng to NA 0300-0400(Rowell)
- 11995v CLANDESTINE stn w/numbers or slow, repeated words in Cambodian; clearly overhrd  
"Khmer" & "Kompong Thom"; s/off abruptly 1045 after unfamiliar SEA anthem; must  
be 10 kw or more.(Berghammer)
- 12065 RSFSR(As) R.Moscow 1130-1200 Eng to Pac(Berghammer)
- 15018 N.VIETNAM Hanoi beginning Eng 1300(Calkin)Viet 1805(Rowell)
- 15047v CHINA Peking; 2030-2130 Fr to Eur, lets Liberation R.(Berghammer)
- 15085 IRAN R.Iran; Eng w/orch mx: 2010(Lemna)2003 US & English pops to 2028, Eng ID,  
pips 2030(Lobdell) Strong 1635 in mx w/M&W in Farsi(I think);(Niblack)
- 15095 EGYPT Cairo; Port & Arabic mx: pgm; evidently still testing; nice lvl 0030  
(Niblack)
- 15090A CHINA Peking; 1243 Eng talk on US(Banta)
- 15105 JAPAN NHK; Gen Svc opens 1700 at big lvl(Niblack)
- 15105 AUSTRALIA RA; 0500-0600 Fr, good, //15220m 17820(Rowell)
- 15115 PORTUGAL RFE, Bulgarian 1935, strong; Lisbon-4(Hauser)
- 15125 PORTUGAL R.Port.; If R.Mexico is around here they have a losing battle with  
Lisbon, a powerhouse in Port around 0250 tune with Fado(Hirst)
- 15125 TAIWAN VOFC; 1700-1800 Fr, fair(Rowell)
- 15135 ECUADOR HCJB, Sp 1100-1230(Behr)Port 1000, Ger 1030, ex 15115(Padula)
- 15145 PORTUGAL RFE Polish, Lisbon-6; strong, no jamming 1936(Hauser)
- 15151 N.KOREA Pyongyang; Chinese 1047-1059; IS & anthem till 1101; Eng s/on by F.  
voice; mx:cast followed in Eng past 1108, then cmtry(Young)S/on Eng mx: 1101;  
two items in a 23 minute newscast!(Lemna)
- 15154M VATICAN VR; Eng 0005 on new fqy, annc usual 15285(Niblack)Additional fqy for  
Eng svc to ANZ //9645, 11745(Padula)
- 15155 S.KOREA Seoul; 0600-0700 Eng to Eur(Berghammer)
- 15155 PHILIPPINES VOA; AFRS pgm 0730, ex 15250(Padula)
- 15155 BRAZIL R'dif. São Paulo, loud & clear w/ID 0305(Hirst)
- 15160 TURKEY Ankara 0355 IS, anthem, s/on Turkish(Rowell)

- 15165 SYRIA Damascus; Eng w/ID 2006, old English pops by Tom Jones, etc(Lobdell)  
1800 Fr to Eur, ex 9670, over Moscow(Berghammer)
- 15165 VATICAN VR; 0000 Sp, 0050 Eng, 0110 Fr //17750, 11725, 9615; 28 May was on  
15155 in QRM, now back on 15165(Behr)26 May test Sp 0015, excellent(Calkin)
- 15170 PORTUGAL RFE Hungarian, Lisbon-5, 1937 loud & clear, no jamming, but het.  
Hauser)See June- L&C is common ham terminology for loud & clear(Hauser) OK, but  
please remember I'm not a ham(DF)
- 15165 E.GERMANY RBI; 1515-1600 Eng to SEA, ex 17880(Berghammer)Out of order(DF)
- 15173 EGYPT Cairo; 1400 bells & Arabic news(Behr)
- 15175 VATICAN VR; 0043 closing Sp, 0048 IS bells; 0050 woman in Eng talking about  
new mx, interview & closed 0104(G.Ferguson)
- 15185 PHILIPPINES VOA; 2320 pop records & mx, 3 June(Tuchscherer)
- 15185 SEYCHELLES FEBA; Eng IDs 0245 & 0300 during Indian pgm. Bad slopover from  
USSR-LA svc on 15180; very poor lvl thruout(Padula)
- 15185 TURKISTAN SSR Ashkabad(listed); Moscow Int'l Svc to SEA in Indonesian or Malay;  
pop mx & mx; 1400, 10 June(Sparks)
- 15185 FINLAND OYA; 1820 Eng, facts of history, annc close of Eng 1828; ID, other  
amnts & off w/anthem(G.Ferguson)2300 Eng to NA(Michalenka)
- 15195 SPAIN RNE 2300-0500 Sp to LA, ex 15422v, 14 May(Berghammer)0146 Sp amnts  
by man, ID 0149; sounded like a taped conversation to past 0157(Young)
- 15200 NETH ANT R.Ned.; Eng 1800-1815 s/off, Tue & Fri(Behr)
- 15205 INDIA AIR GOS 1000-1100 Eng to ANZ, better in the summer(Berghammer)News,  
Indian mx, in Eng with fair lvl 1010(Sizer)
- 15215 PORTUGAL RFE Rumanian, Lisbon-7; 1940 cmtry on SEA; loud & clear, no jamming;  
I'm right on the beam for this(Hauser)
- 15230 ITALY RAI; 0140-0305 Italian to LA, ex 15340, over Havana(Berghammer)New fqy,  
mixed local Lyndhurst tx, begin Sp to LA 0305 //15410(Padula)
- 15235 INDIA AIR, excellent lvl w/Eng mx: 0100-0105, read by M. ancr(Niblack)
- 14245 CONGO(DR) R.Kinshasa, IS, anthem, Fr ID; good 0400, 21 May(Heggs)
- 15245 FRANCE ORTF; Sp to LA w/mx, cmtry; 0105 tunein; 0200 anthem & off(Evans)
- 15250 RUMANIA Bucherest; mx in Eng 0315-0330 s/off(Jones)
- 15255 PORTUGAL RFE Czech, Lisbon 14; 1942, strong but heavy jamming strong too;  
grinder with varying het(Hauser)
- 15255 E.GERMANY RBI; Recent new fqy(ex 11900) begin Arabic svc to NE 1915; very  
strong(Padula)
- 15265 SEYCHELLES FEBA; 1555-1605 Indian mx; Eng ID 1600, lang pgm(Heggs)Evidently  
higher pwr; 1458 closing "Cowboy Joe" pgm, giving FEBA address for mx requests,  
inviting retune at 0100 GMT on 15185. Low het from Moscow; 1500 ID giving 15265 &  
Back to Bible mixing w/Moscow IS(Hauser)
- 15265 ETHIOPIA ETLF, recent new fqy, s/on 0430 w/IDs, into Fr 0445, ex 15145(Padula)
- 15274 HAITI R.4VEH; 1815 Creole songs, assume pwr increase(Berghammer)"House of Rest"  
in Eng around 0130; s/off 0300 w/full ID & request for reports; good(Byers)  
ID 0100; QRM Poland, but good signal(Heggs)0046 Eng gospel requests to 0200 s/off  
(Lemna)1230 organ mx, now best channel(Michalenka)Eng rel pgm 0141-0158; then  
ID as 4VEH; then mx by man; anncd 15280, asked for reports to Box 1; Cap Haitien.  
Off 0207 after gong mx: interlude(Young) ID 0055, then rel pgm(Hicks)
- 15275 W.GERMANY DW; 0600-0630 English to Afr //11785, 17765(Berghammer)
- 15280 NEW ZEALAND RNZ; operatic mx, Eng mx; to Pacific area; 0400-0515; strong  
& consistent the last week in May(Jones)
- 15280 USA KGEI; 0140 Hawaiian mx, new fqy; Sp pgm(Tuchscherer)
- 15285 VATICAN VR; Eng 0050-0100, world mx(Hicks)
- 15285 RUMANIA Bucharest; 0130-0230 Eng to ECNA //15250 better modulation(Berghammer)  
30 May, 0210 answers to listeners, 0215 talk for hams, ID 0219, mx: summary, mx &  
closed Eng 0225(G.Ferguson)
- 15300 JAPAN NHK; 1157 IS & ID, repeated, 1200 ID & Eng mx, 1207 ID & cmtry abt NHK-  
SW, 1211 ID & cmtry, 1215 ID & info Japanese(G.Ferguson)1205 Eng news and  
commentary(Tuchscherer)

- 15310 GUINEA Conakry; 0715 Fr, Guinea mx; fair(Rowell)Editorial review 0645(Calkin)
- 15315 SWEDEN R.Sweden; "Saturday Show" in Eng 1117; good(Banta)
- 15320 W.GERMANY DW; 1600 German, 0520 Arabic(Behr)
- 15320 AUSTRALIA RA, Melbourne; DXers Calling; mx; Int'l rpt in Eng 0218-0300(Jones)
- 15325 USA AFRTS; Eng to Caribbean 1344 w/talk on public speaking; 1400 TC, ID, CBC news(Evans)
- 15335 INDIA AIR GOS; 1330-1500 Eng to SEA(Berghammer)
- 15335 BELGIUM RTB; Eng tlk on Belgium 0050-0100(Jones)2305-2315 Eng //17715(Berghammer) 2215 s/onFr to NA; good lvl(Heggs)Ex 15200, Dutch & Fr 2215-2300(Padula)
- 15345 GREECE NHBI, Athens; found w/IS at pre- s/on 1725, amidst much & heavy QRN (Niblack)15343v, 2300-2330 Greek(Berghammer)Details on these, please(DF)
- 15345 NETH ANT TWR; rel mx in Sp 0000-0030(Jones)2315-2330 Port(Berghammer) 0020 Sp ID, end Sp 0025, continue in Port past 0044(G.Ferguson)
- 15346 KUWAIT R.Kuwait; noted w/musical request pgm 1730 in Eng at very fine lvl (Niblack)Eng pgm, pop songs 2040, //4967.5(Padula)1600 mx & Eng to 2100 s/off w/anthem(Behr)
- 15346v ARGENTINA R.Nacional; 1330 Sp, low het(Berghammer)
- 15355 PORTUGAL RFE Czech, Lisbon-3; obviously higher pwr than on 15255, still jammed; but much better at 1945(Hauser)
- 15365 CZECHOSLOVAKIA Prague; 0100-0200 Eng to ECNA, RNE down 1(Berghammer)
- 15366 NIGERIA R.Nigeria 1330-1430 French, 7 June; also 0600 Eng well hrd(Berghammer)
- 15380 ECUADOR HCJB; 0000 Port, 0030 German(Behr)New fqy, noted 30 May, Ger to SA 2300; into Japanese 2330, ex 15115(Padula)
- 15390 ENGLAND BBC, relay CBC; to Afr beginning 0714 w/"O Canada"(Calkin)0715 Eng mx, cmtry(Fisher)
- 15400 ENGLAND BBC, relay CBC; in Russian 0330, ex 7105; very good; //11780; also hrd and also a new fqy, ex 6140(Padula)
- 15400 IRAQ Baghdad; seemingly on a new fqy w/ID 2100 in Arabic, mx, Good lvl(Niblack)
- 15400 ETHIOPIA ETLF, Eng mx, mx 1344-1400(Jones)
- 15405 USSR "Kiev" pgm, 1930 in Eng on a Sat, "Mailbag" 1935(Padula)
- 15410 ITALY RAI, Rome; mx; mx in Eng 0103-0120, then Fr(Jones)0100-0120 Eng to ECNA //11810(Berghammer)Excellent w/pops 0125 in French pgm, off 0130(Niblack)
- 15415 USSR- Site unknown; Kiev pgm in Eng mx Tuesday 0035 w/cmtry; good(Sizer)
- 15415 BRAZIL R.Clube Ribeirao Preto; no ID but ads, TC, pop mx in usual Brazilian format(Lobdell)
- 15420 UNID. Tentatively SEARV? or FEBC? 1220 light orchestra mx; woman in Burmese; rel mx; man in Burmese(pretty sure). Apparently off around 1245, no ID discernable. Religious mx was Protestant type hymns, in lang.(Hirst)SEARV reported here at this time in last month's Log Report(DF)
- 15420 CYPRUS BBC s/on 0200 w/local ID, into relay of BBC world news; easy listening level(Niblack)
- 15430 S.KOREA Seoul; VOFG; 1112 local news in Eng; good lvl & clear 6 June(Banta)
- 15455j Orchestral mx & singing 1616. Heavy RTTY. Russian lang by male voice, with some mx to 1629. Russian 8 note IS on piano. More of the same till 1658. 10 note IS at 1700. Sounded like a newscast ba man & woman(Young)
- 15490 USSR Orenberg(list); 0240 man talking in lang; abrupt s/off 0257, but returned 0300(Tuchscherer)
- 15574 CHINA R. Peking; here 1632 w/female voice in Chinese to past 1656. Still here 1702 in what sounded like a language lesson(Young)
- 17690 EGYPT Cairo; 0200 w/clock strike for 5, calling NA on 31 m, 9475, then carrier off; hrd on 9745 to 0222(G.Ferguson)2330 Port, 0045 Sp, moved from 15085(Behr)
- 17695 ENGLAND BBC; 1500 radio newsreel in Eng(Tuchscherer)
- 17700 E.GERMANY RBI; 0645-0730 Eng to S.As. Also 1200-1245 Eng to S.As(Berghammer) Back here for English to Australia s/on 0645; ex 21465(Padula)Bill, I suppose you had the fqy underlined on this one because it is a new fqy, but I would not have known that without the report from Bob Padula. Please, when you underline a fqy, tell me why, otherwise I have no reason to underline it here(DF)

- 17710 MALI R.Mali; with YL, African tunes 1712; poor reception(Lemna)I presume the anmts in French?(DF)
- 17715 BELGIUM RTB; 2305-2315 Eng, "Belgium Speaking, //1.5335(Berghammer)New fqy, begin Dutch 2215, mixed Radio Australia(Padula)
- 17720 TAIWAN BED39, Taipei noted 10 June at 0210 w/woman in Eng, 0226 recordings, 0300 Eng rx to 0310, 0315 ID after mx(G.Ferguson)
- 17720 USA WINB, Red Lion, Pa.; 31 May at 1700 w/ID, anmts, continued with a tape from Murphersboro, Tennessee. ID 1730, then tape from Bob Jones University. (G.Ferguson)
- 17740 AUSTRIA OR; 0358 harp; s/on 0400 in Ger; one Thursday had Eng rx: 0400-0410; other days German(Rowell)
- 17742v UNID Arabic speaker 1030, probably Cairo(Berghammer)
- 17745v LEBANON Beirut, 2300-0100 Port, Srabic, Sp to LA, ex 17715(Berghammer)
- 17750 VATICAN VR; 0050-0105 Eng to ECNA //1.1725, 1.5285(Berghammer)Eng to Canada 0050 (Padula)
- 17750 KUWAIT R.Kuwait; 0400 open w/ID by YL; light mx: & pops(Tuchscherer)S/on 0400 in Eng ID & pop mx; weak 20 May(Heggs)
- 17750 CEYLON R.Ceylon, Colombo; 28 May at 0245 w/woman annog w/gong between items; 0310 M&W w/election returns, 0318 dance mx; 0320 ID & more returns(G.Ferguson)
- 17780 AFGHANISTAN Kabul; 1200-1300 Pushto, Dari to Europe //1.5415; virtually swamped by jammer, so I expect a mid-summer fqy switch, probably back to 13 meters(Berghammer)
- 17780 BELGIUM Brussels; variety pgm in Fr 0600; mixed VOFC same fqy(Padula)
- 17800 W.GERMANY DW; 0020 DX pgm in Ger & Eng(Tuchscherer) 13 May
- 17805 W.GERMANY RBI; 1515-1600 French to Central Africa, ex 15145(Berghammer)
- 17815 S.AFRICA R.RSA; 0800-0850 Eng to New Zealand //21.545(Berghammer)
- 17825 NORWAY R.Norway; noted here late in May; 2100-2230 in Norwegian, a move from 17795, probably to avoid Budapest there(Padula)
- 17830 CEYLON R.Ceylon; 1100-1200 English, rx: 1110(Berghammer)
- 17835 CHINA R.Peking; 0830-0930 Eng to ANZ //25m, 16060, 15435(Berghammer)
- 17840 AUSTRALIA R.A.; 0100-0300 NA svc, from 17820; fair 11 May(Heggs)
- 17840 SWEDEN R.Sweden; 0445-0515 Swedish to S.Asia (Berghammer)S/on Eng 1400-1415 w/ mx; cmtry, Highlight Time(Jones)
- 17840 CUBA Havana now using this fqy in Eng to Eur(Tuchscherer)
- 17840 CZECHOSLOVAKIA Prague; cmtry; Afr/Asian Svc in Eng 1742-1800(Jones)
- 17845 BELGIUM RTB, new fqy, Dutch 2140, French 2155, s/off 2209 after ID, anthem. ??17865, also hrd; could replace 17780, badly jammed(Padula)
- 17845 W.GERMANY DW; 0700-0910 German to ANZ //9650, 11795, 21550(Berghammer)
- 17855 CANADA R.Canada; 2300-2330 Eng to Caribbean, ex: 11945; //1.5190, 9625(Berghammer)
- 17855 JAPAN R.Japan; 1000-1030 Eng Gen Svc to Eur(Berghammer)
- 17865 SYRIA Damascus; 0000 abrupt s/off after Arabic Koran chant, anthem(Berghammer) Arabic pgm to 0002 s/off w/anthem(Behr)
- 17870 AUSTRALIA RA; 0250 light mx; Eng pgm(Tuchscherer)
- 17880 JAPAN NHK; 0200 Eng Gen Svc over Khabarovsk(Berghammer)0305 world rx in Eng (Tuchscherer)S/on 0200 w/full ID & news(Byors)
- 17880 PORTUGAL R.Portugal; s/on 1715-2115 Port to Afr //21700(Rowell)
- 17884v EGYPT Cairo; 1215-1315 Fr to SEA under Havana(Berghammer)
- 17885 CYPRUS BBC; 0600 WS to E.Afr; band open all night(Berghammer)
- 17890 TAIWAN VOFC; 0235 Eng to US to 0350; fair(Rowell)
- 20779 NETH.ANT. Radio Curon, 14/15 May in Papiemto w/exc sigs 2000-2200. I wrote "Curon" & they state they have never bdcst on SW, but lease facilities of the gov't radiotelephone svc. The telephone stn uses 20.779 for direct line to Holland; have not yet hrd from the telephone stn; does this count? It was a tx on Sw, even though done unwittingly. No longer hrd.(Sloan)
- 21495 PORTUGAL RP; 1815 ID & anmt for "V.of West.", Eng rx, "This Week in Portugal", close Eng 1914(G.Ferguson)
- 21498v CONGO REP ORTF; Fr rx, drifting; Eng rx: 1100 //21.580(Berghammer)

- 21510 UNID R. Moscow outlet here 1700 w/weak IS, buried by VOA(Young)  
 21520 UNID What sounded like Arabic here 1705 w/mxcast; M&W voices w/cmtry 1720; off 1731, no ID hrd. Switzerland?(Young)  
 21520 SWITZ. SBC; 1315-1345 Eng to SEA //15305, 15430, 17845(Berghammer) Swiss tourism talk in Eng 1330-1345(Jones)  
 21530 KIRGHIZ SSR Frunze; beginning relay of Peace/Progress from 0558; ITU lists Frunze; very weak & hard to read(Calkin)  
 21535 JAPAN NHK; 0800-0830 Eng to Eur; band open early(Berghammer)  
 21535 S.AFRICA R.RSA; 1110 lang & mx; woman ID 1120; ID & report 1130; orchestra & piano to 1200 ID (G.Ferguson)  
 21545 GHANA R.Ghana; 1445-1530 Eng to C.Afr(Berghammer) 1452 Eng mx; ID 1455, mx; ID 1500, TC, dance orchestra, hrd to anmts at 1520(G.Ferguson)  
 21545 S.AFRICA RSA; 0800-0850 Eng to NZ, //17815(Berghammer)  
 21555 BELGIUM RTB; 1000-1200 Fr/Flemish; ex 21590, possibly testing(Berghammer)  
 21555 INDIA AIR GOS 1000-1100 Eng to NEA, ex 21485 to avoid Vatican, now under Belgium(Berghammer)(Padula)  
 21570 VATICAN VR 2315-2315 Port to Brazil //17750(Berghammer)  
 21575 On several occasions have hrd as early as 1516 to past 1756. S/off 1800 one day; at 2120 another. Mx & most seemed to be in Russian(?). No ID or OS hrd ant time (Young)  
 21590 MALAYSIA BBC FES; new fqy, ex 21610, local ID 1059, into Japanese(Padula)  
 21600 E.GERMANY RBI; 1600-1730 Swahili to Afr, ex 15390(Berghammer) 1840-1900 Eng to Afr w/mailbag & mx:(Tuchscherer)  
 21600 W.GERMANY DW; 1045-1115 Eng to C.Afr //17845; new, test; //Kigali on 11758, 15410, over Moscow(Berghammer)  
 21600 RSFSR(Eur) R.Moscow 0730-0800 in Indonesian(Berghammer)  
 21605 KUWAIT R.Kuwait; 1030 Arabic(Berghammer) (Berghammer)  
 21610 NETH ANT R.Ned.; rptd ex 21605; 1830-1950 Eng ro W.Afr; not yet checked out/  
 21640 NETHERLANDS R.Ned.; 1830-1950 Eng to Afr //15220-Bonaire(Rowell)  
 21655 NORWAY R.Norway; 1405 w/Eng Sun pgm; also on 21730 after 1600(Hirst)  
 21685 KUWAIT R.Kuwait; 1330 Arabic(Berghammer)  
 21690 VATICAN VR; 1125-1140 Eng to ANZ(Berghammer)  
 21700 CZECH Prague; Eng to Afr/Asia 1800(Jones)  
 21725A E.GERMANY RBI in Eng 1205 to SEA; s/off 1245(Evans)  
 21730A FRANCE ORTF in Eng mx 1109 tune to 1115, then Fr(Evans)  
 21730 CYPRUS BBC 1245 WS to Afr; new fqy for summer, mix Norway(Berghammer)  
 21740 AUSTRALIA RA; 0220 DX pgm, good sig; 0224 close DX pgm, piano mx; ID, fqy, TC, Eng mx; mx 0240(G.Ferguson)

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 That's it for this time. Remember, future reports go to the usual Florida address.  
 The best of DX to each of you,

Dan

Last Minit News/TipsLast Minit News/Tips

A.R.NIBLACK-EDITOR, 420 SHELBY ST., VINCENNES, IND. 47591

DEADLINE 23RD OF MONTH

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Freq: in KilocyclesTime: in GMT

ANGOLA Emisora Regional de Saurimo is a new outlet of Em. Oficial de Angola; the xmitter is hybrid, operates on MW 1241 kcs, 0830-1130. And, on 4860 kcs, 1900-2200 hrs, with 5kw. (SCDXERS)

AUSTRALIA DARWIN RELAY heard daily at 0730, 17715, in English; on 15355 in Indonesian language. (August Balbi, Calif.)

BARBADOS (FLASH) Radio Barbados, 9970, noted 5 June, to 0402 S/off with music, English ID, and anthem. On 11 June, 0330-0430 SSB test, anncing as, "Cable & Wireless, near Bridgetown, Barbados". On 14 June, 0315-0600 S/off, music, English ID, and anthem. Very irregular. (Ernie Behr, Canada)

BELGIUM Brussels had their initial DX Prgm at 0050, 21 May, but it seemed primarily for AROs. Heard on 15335, 17715, both. (John Tuchscherer, Wisc.)

CUBA 17840 Havana logged 2045 on new fqy, "Cuban Rythms", to Europe. (Tuchscherer)

DENMARK (FLASHES) R. Denmark logged on two new fqys, at 0100 on 9710, IS and ID in Danish, fair signal lvl. ... On 11790, at 0230, poor lvl, QRM de Moscow, same fqy. (Dick Heggs, Canada)... R. Denmark, 11790, in Danish 0230-0318 S/off... On 9710, from 0100 in Danish, smothered by HCJB at 0110. Two new fqys. (Behr)

CONGO(DR) R. Kinshasa, 15245, logged in French with African rythms at 0558. (Kris Lemma, Indiana)

EL SALVADOR 9555 YSS, San Salvador, tuned at 0330 with ID in Sp, followed by English and English news read by M, till 0337, end of news. (Grady Ferguson, No. Carolina)

GALAPAGOS (See last month's FS) Have tried most every evening for this one but no luck; both 6170, 6175, well QRM'd by other senders. (Tuchscherer) (Ditto, Editor)

INTERNATIONAL WATERS Radio Nordsee International which has seemingly been off the air, will resume bcasts on 6210 and 9930. Schedule presumed same as before. The ship may also sail off the Dutch Coast. (SCDXERS via James Ducharme, Mass.)

INDONESIA (Tentative) 3682.5 R. Hamadir (or similiar), observed at 1850, 6 June, with dance music, and Indonesian type talk; 1904 ID. Off around 1910 or RTTY QRM on the high side of fqy got it. (Glenn Hauser, Thailand)

JORDAN R. Amman, 9530, logged 0930, S/on in Arabic, great big lvl. (Lemna)

KOREA(N) R. Pyongyang found in English on new 9540 at 1400, in parallel with 15150, both strong lvl signals. (Balbi)

KOREA(S) VOFK, 15430, 9640, English news 0900, both booming lvl. (Balbi)

KUWAIT R. Kuwait, found with pops at 2000 on 15345; quite good lvl though IDs were rather infrequent. (Bob Peritz, New York)... 15345 R. Kuwait has moved from 15405 to this quote, heard 1830 with English news, scheduled 1600-2100. (Balbi)

LAOS "Withayu Kachai Siang...Kho Sam Prathet Lao". This ID in Lao at 1145, 17 June, and martial music; ID again at 1201 and a few minutes later mentioned Savannakhet. This is the Lao Armed Forces Regional Station Zone Three. FBIS 1969 lists it as 6745V. Good 54454. (Hauser)

MALAYSIA(E) R. Malaysia Sarawak, 1229, 6 June; ID in Malay, IS and news. (Hauser)

MEXICO R. Mexico heard with "Mexico Tonight" show in English, 0540, on 9745. (Lemna)

MOROCCO RUM, 9615, readable lvl from 0630-0800, with long Arabic chants. (Lemna)

NEW CALEDONIA 7170 Ici Noumea now strong, maybe 30kw(?), at 0600 S/on, with Cagou Bird Call IS, and followed with pleasant prgming. (Balbi)

PERU Radio del Pacifico, 4975, logged to 0425 S/off, music and ID. Was on 9675 in May, now inaudible here. (Behr)

PLEASE TURN OVER

PERU (Continued) Monitoring of 6082, at 0130, during the earthquake, found Radio Nacional with emergency transmission; family names, messages, deaths, and etc., comprised the traffic. Signal at times was very weak. This info. from George Schnabel, New York. George states in a follow-up that he made a very thorough monitoring of the outlet during the disaster (and other outlets) for news and coverage of the stricken area. He compiled this into a very interesting report. (You are over-there with a shortwave radio at your side, Editor)... Some observations made here (Australia), following the earthquake disaster, 4 June: 5980 R. Panamericana, noted very good level in period 0500-0700; good ID at 0600... 6082, 9562 R. Nacional seemed to be running 24 hrs sked, noted in period 0500-1200, both freqs... 6115 R. Union seems to be all-night, noted around 0700. (Padula)

PHILIPPINES Voice of the Philippines has vacated 11950, and now heard on 11935. Time check at 0930, freqs annod, then news by M. New outlet much better, no QRM. (Padula) ... FEBC, 0800 in English, news, 15300, on Sundays; 15440, English news 1530; Mailbag Thursdays at 1330, on 11920. at 1400 ID, on 9715. (Balbi)

POLAND Polish Radio, English and native IDs, at 0300. Program in Polish follows, fair reception, on 15275. (Peritz)

PORTUGAL (?) Deutsche Welle, 7150, 9665, in Ruman., Bulgar., Serbo, 0345 to 0515. Again from 0530 in East European lang., on 7275, 9665. NO local ID given, but possibly the new relay at Sines, So. Portugal. (Behr)... New relay station at Sines, for DW, according to latest schedules received, began 3 June. Checked several scheduled freqs, with these results: 11905 S/on 2158, into Bulgarian 2200, over Rome, same freq... 7275 Began Serbo-Croatian at 2243. Extremely strong level. No QRM... 9665 Began Rumanian at 0345, slight side QRM from local ABC sender on 9660. (Padula)... Note: These are all listed for Sines, though have been used by Julich in previous seasons. In each case, the parallel freq was not audible, and I presume that only ONE of the 250kW transmitters is at present operating. Monitored on the first day of scheduled transmissions. (Padula)

SEYCHELLES FEBA sends the following schedule, EFFECTIVE 3 May - 31 October, 1970: 0100-0330 (GMT), 15185, in Sinhalese, Hindi, Marathi, Gujarati, Telugu, and English; 1300-1615, 15265, in Kannada, Malayalam, Tamil, English, Hindi, Marathi, and Gujarati. This was received in today's post, just at deadline time. (Al Niblack, Indiana)... FEBA is an excellent QSLer as received my confirmation yesterday and elapsed time was 23 days! (Tuchscherer)... FEBA tentatively heard in lingo at 1434, on 15265, with mostly religious songs. (Lemna)

SOLOMON IS. 7115 SIBS off this freq since 25 May; evidently just testing. (Balbi)

SO AFRICA 3997V Station at good level at 0020 is Radio So Africa with Springbok Svc, usual lively format. Strong enough level to give the ham ops fits! (Tuchscherer)... Also found the same outlet on 3250, in parallel at 0108, strong signals. (Tuchscherer)

TAHITI 11825 A. powerhouse signal, upped power? 0300-0800, also 1615 S/on, Fr. (Balbi)

YUGOSLAVIA 9620 R. Belgrade noted with English at 2200, weak signal level. (Peritz)

USA Station KGEL now on 15280, 2230-0500 English, Sp, ex 15440. (Balbi)

VATICAN Vatican Radio 2300 Portuguese; 2330 Spanish; on 21570, 17750, to No America; 0030-0125, French, on new 15165; 17750, and 11725. All good signals. (Balbi) ... Vatican now using new 17750 at 0050, but not included in annod list of freqs. Presume is a test. (Tuchscherer)

VIEトナム (N) Hanoi checked 15 June; at 1530 English on 15025, 10045; at 2000 on 15025 with news in English. Thanks to my new Drake SPR-4 frequency quotes no problem. (Balbi) (How about that, Editor)

MAY 1970: SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY 6-4-70- 1-128, 2-120, 3-124, 4-121, 5-115, 6-117, 7-100, 8-88, 9-91, 10-113, 11-137, 12-148m 13-151, 14-148, 15-162, 16-164, 17-172, 18-176, 19-179, 20-149, 21-159, 22-127, 23-108, 24-124, 25-112, 26-127, 27-128, 28-108, 29-120, 30-118, 31-129 MEAN--131.1 (Does not seem to be diminishing much, Ferguson)

PREDICTED: JUN-98 JUL-96 AUG-94 SEP-92 OCT-90 NOV-88

ACKNOWLEDGEMENT: A big thanks to all of you who supported this column this month. Please keep the reports coming and call last minute flashes to 882-3976, after 2100 hrs., GMT. Good DX through the summer QRM.