

Frendx is the official publication of the North American SW Assn. and is expressly for SWLs/DXers interested in the International SW Broadcast bands. There are no subscriptions; Only active and in good standing members are entitled to receive copies other than samples or exchanges. All editions are made possible through the combined efforts and interests of the bulletin staff, club officers and supporting members.

Executive Editor/Hdqs- William P. Eddings
 Log Report Editor- Dan Ferguson
 QSL Editor- Gregg A. Calkin
 NewsRoom Editor- Dan Henderson

FlashSheet Editor- Al R. Niblack
 ANARC Reporter- Douglas Benson
 Awards Chairman- Warren Nordgren
 Contest Editor- George Schnabel

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LATE NEWS/NOTES

Again we notice other clubs, stateside and abroad, are using Frendx contents in their bulletins and not giving proper credits. Tak, tak!!.....Our ANARC reporter did not submit stencils this month, thus this edition is minus same.....Remember, as of July 1st, dues will be \$7.00 per year 3rd class, \$10.00 per year 1st class....."SWL" bulletin of ASWLC, being minus a SWR section the past two months because of its editor being QRM'd by vocational duties, finds Exec. Editor Stewart MacKenzie getting nasty mail from members who cannot understand/appreciate the factors involved. (Shades of the NASWA situation!) It is a shame certain individuals cannot/will not give Stew more cooperation and credit which he deserves, and realize all the work cannot be done by one man alone.....The census being taken by ANARC, has already brought no less than sixteen requests from other club members (outside NASWA) for information re membership. Our thanks to Gray Scrimgeour and Phil Sullivan for their cooperation....The contest wich was to be announced this month will not be. Hdqs just does not have the time to do extra stencils.....Speaking of ASWLC (above) it has about the best Propagation column any club bulletin ever contained. It is edited by Jack White who really knows what he is talking about. ASWLC membership is worth the price for his column alone! If interested write ASWLC Headquarters, 16182 Ballad Lane, Huntington Beach, Calif. 92647 and request sample "SWL". Enclose 25¢ for postage/handling.....We are still/always in need of articles for our SWC section and thus we solicit any/all members to submit such to Hdqs. It cannot be promised that every will be used, but it can be said we will use those deemed interesting/helpful to members. So try your hand, you may just happen to submit an article on a subject/station or matter that many members want to know about. Just be sure it deals with SWBC in one way or another.....It is possible we will have a regular Technical section in near future. Two very capable members have been asked to consider editing such.....Ed Shaw is wondering what happened to the Bill Graham Memorial Fund (Wattssa matter Ed, ya think I drank it up?) Fact is, it is amounting to \$219.20, will be used for new mimeo and addressing machine or towards going to offset. Time will tell. We do not intend acting just to please a few individuals!.....Hdqs wants to give extra/special thanks to the following members/friends who have sent letters of faith, understanding, and especially "heart" recently; Bill Sparks, Bill Caldwell, Joe Ray, Rod Williams, Sara Stillman, Hank Michalenska, Mike Macken, Art Glover, Bill Murray Jr. And also to editors Dan Ferguson, Gregg Calkin and Dan Henderson for their continued efforts and support. Dan and Gregg have even offered to take on additional work in way of easing burden on Hdqs. This should make certain other members stop and think!!

"I am not allowed to run the train,
 the whistle I cant blow.
 I am not allowed to say how far
 the railroad cars can go.

I am not allowed to shoot off steam,
 nor even clang the bell,
 But let it jump the doggone tracks,
 Then see who catches HELL!

Anon.

NEW MEMBERS - WELCOME!

Cal Cornils, Benicia, Calif. Drake T4XB;
Via WRTH.
Stan Garfield, Tenafly, N.J. Hallicrafetr
SX122. Via Radio TV Experimenter.
Mark Perlmutter, Mt.Vernon, N.Y. National
NC57. Via Popular Electronics.
Randy Erickson, Wheaton, Ill. Broadmoor
842. Via WRTH.
Lou Hart, Jr., Salamanca, N.Y. Hallicrafters
SX110. Reloing.
Robert Tate, San Francisco, Calif. Knight
R100A. Via Popular Electronics.
Dennis Williams, Wichita, Kan. Ameco R5.
Via Tom Sundstrom.
Steve Eisenberg, Cherry Hill, N.J. Halli-
crafters S120. Via WRTH.
George James, Bakersfield, Calif. Hammar-
lund HQ100A. Via Radio TV Experimenter.
Warren Martens, West Nyack, N.Y. Wayfarer
20. Via Boys Life.
Martyn Madeley, Northbrook, Ill. Zenith
TransOceanic 3000-1. Via Radio Nederland.
Richard Duncan, Dell, Ark. Wayfafer MB.
Via Boys Life
Bruce Haines, Boulder, Colo. Drake SW4A.
Via George Fisher.
Jeff sorensen, Grand Island, Neb. Zenith
TransOceanic 3000-1. Via PE Comm. Handbook.
Christopher Drake, Port McNeil, B.C. Canada
Lafayette HA225. Via WRTH and ARDXC.
Edward Bull, Boulder, Colo. Drake R4B. Via
Boys Life.

RENEWALS

Second year- Chris Lobdell, Mike Ryan,
George Rabone, H.Price Kagey, Miss Sara
Stillman. Third year- Miss Sara Stillman,
Hank Michalenka, Edward Shaw, Robert Kell,
Dr. Ray Standish, Don Anthony, Paul Ellis,
Danny Jamison. Fourth year- John Hartman,
Melvin Flannagan Jr., Edward Pyatt. Sixth
year- Bill Sparks. Gracias one/all!!

KINDLY NOTE!

It is again requested that members writing
to Hdqs and/or editors, be good enough to
include SASE or stamps(s) for reply when
warranted. Officers/editors should not be
expected to "foot the bill" although in
many instances they do so. Your cooperation
hereto will be appreciated and will most
times expedite replies. Watch for upcoming
announcement re Corresponding Secretary.

AWARDS EARNED

The following members have been issued
certificates of award;
Del Hirst- WorldWide DXer (100 countries)
and Continental DXer, Oceania.
Michael Berard- WorldWide DXer (50 coun.)
Les Hoskins- WorldWide DXer (50 countries)
John Mraz Jr.- WorldWide DXer (50 coun.)
James Hurst- WorldWide DXer (50 countries)
Bob Getman- WorldWide DXer (75 countries)
Our thanks and congratulations to these
gents! Others who might have interest in
and/or questions about NASWA Awards can
contact Warren Nordgren, 2129 Linden,
Waukegan, Illinois, 60085.

RECOMMENDED

Have you seen the current issue of "How to
Listen to the World?" If not I suggest you
and every SWL obtain a copy. It is great!
This should be considered the standard
textbook for the hobby. Although past ed-
itions were good (I have them) the latest
is the "most"! It is excellent for both
beginners and oldtimers alike and it con-
tains all the charts, tables and articles
I have obtained over the years from many/
various sources. I only wish I had had this
publication when I began in the hobby years
ago, as it answers every question I ever
had. Get a copy, you wont be sorry. It
can be had for \$3.95 from Gilfer Associates
P.O.Box 239, Park Ridge, N.J. 07656. (no
I am not an advertising man or am I in any
way connected with the publisher!) Robert
Estand, Texas.

HELPING HAND

Wanted: Copy of 1968*Frendx; Write James
Jankowski, Box 45, Corfu, N.Y. 14036(*Oct)
Wanted: Copy of 1968*Frendx; Write Kris
Kemna, 2005 Concord R., Muncie, Ind. 47304
(*March) Is interested in LA White List.
Wanted: Hammarlund HQ180 or similar, or
better rx. Contact Jan Tuner, Skogslyck-
egatan 5A, S-582 56 Linkoping, Sweden.

OVER THE HUMP

This edition of Frendx will be mailed
just about on sked, at least not as late
as past few. This is brought about only
because present sections editors and Hdqs
has exerted extra effort and because of
the help, understanding a cooperation of
certain sincere members. You included???

LOUDENBOOMER RETORT

Hi there boys and girls! It's ole Charlie back again with Question & Answer Time and I've picked out the best questions received during the past few weeks; They are here presented for your enlightenment. Those fortunate to have their questions used this time will receive a free set of my All Around DXers Course and Encyclopedia. Here we go!

C.F. of Ashtabula asks, "Is it true you are related to T.X.Strawberry?"

Absolutely not! I admit I have some strange relatives, but you dont have to get nasty about it. And, just for the record, nor am I related to such other luminaries like Agent Ogelthorp, Vincent Keyboards, etc.

T.B. of Dubuque wonders about that picture of me which appeared in a recent publication, issued by a certain DX club.

No TB, that was not the real me. I am much better looking than that. Matter of fact my friends tell me I have a strong resemblance to Cary Grant in his younger days.

Y.N. from Albuquerque wonders about all the small DX clubs that keep showing up and then disappearing a few months later. "How come?", he asks.

Well, thats a difficult question to answer, but I think there really are not enough clubs on the scene. Who caters to the many followers of QSLs issued in response to reports on specific programs for example? Or those people whose receivers just cover 3.981 to 4.082 MHz? If you ask me, there are alot of areas just not receiving any adequate DX service, people with such wide interests are being ignored.

S.E. of Los Angeles wonders what my opinion of surveys is.

Fact is I think they are 100% accurate. Every survey I have taken concurs exactly with my outlook and viewpoint on a given subject. Thats proof right there.

S.G., down Miami way, asks if it is true that the North American Radio Clubs Assn. is being revamped. He is afraid that the changes he's heard about will result in the NARCA having too much power.

Well it is obvious that S.G. is looking at things in the wrong way. After all, I am head of NARCA, right? And surely you will admit I know what is best for you, right?

C.D. of Des Moines wonders how come I never enter any DX contests.

Come, come my man; Ole Charlie knows his stuff, is the greatest DYer that ever was, but I'm certainly not going to show off by entering every contests in sight. Besides, I can seldom understand the rules anyway.

B.B. from Rochester asks if I plan to attend this years NARCA convention.

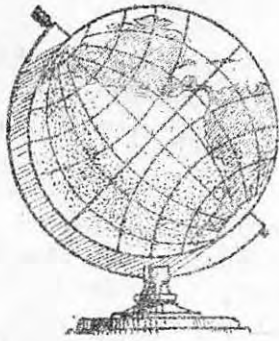
I sure do. Matter of fact I never miss any convention anywhere B.B. After all, how else can they be assured of a successful get together? Quite often however, I do use a disguise so you cant always count on knowing me when you see me.

D.N. of Tallahassee complains that his wife wont let him DX after 10p.m. and wonders what to do about the situation.

Listen ole buddy, I'm not writting a column of advise to the lovelorn. We all got our problems. Why dont you check with Abby?

Well that winds it up for another round gang. If you have something whats mystifying you, get the full and complete answers by writting to me. Remember, there is a \$12.00 service charge on each question to cover costs of research, coffee and postage. If your question is used next time, you'll receive a 27 by 32 foot map of Altoona absolutely free. Just send your question and twelve bucks in cash or check to me,

Charlie Loudenboomer



SHORTWAVE BROADCAST CENTER

FEATURING

ARTICLES

- | | |
|--|----------------------|
| How I DX | by Gerry L. Dexter |
| DX Calendar | by Gerry L. Dexter |
| Tibet Clandestine Radio? | via Scott Moeller |
| Slurs at America via Peru Radio | via Al Sizer |
| Solution to an Antenna problem | by Donald Herbert |
| Latin American Personal Names | by Cesar Objio |
| Regarding the FEBC Station, Seychelles | by Richard Anderson |
| Radio Nacional de Brasilia | by Richard L. Murphy |
| Emissora de Radiodifusao de Timor | by Raymond Mas |
| Recording SW Broadcasts | by Art Poulis |
| The Armed Forces Radio/TV Service | by David L. Alpert |

ALSO

QSL REPORT

Editor- Gregg A. Calkin

NEWSROOM

Editor- Dan Henderson

LOG REPORT

Editor- Dan Ferguson

FLASHSHEET

Editor- A. R. Niblack

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Second in Series

HOW I DX

by Gerry L. Dexter

After eighteen years of DXing, it is a little disconcerting to be asked "How I DX" and not really be sure about the answer. Like many DXers, I started in the hobby as a 'loner' and for quite sometime learned many of the techniques on my own, simple due the fact I was unaware there were others doing the same thing.

Eighteen years later, and again like many others, time limitations do not allow as much original exploring of the bands as I'd like. Therefore a good deal of my time tuning is after stations others have reported hearing recently. However, I do try to keep up with what is usually heard on my favorite bands, sixty meters in particular, in order that changes and new stations on the air can be noted fairly soon after occurring.

I use a notebook for tips, divided into three hour time periods. Information on those stations I wish to tune for is gleaned from the NASWA loggings section and entered into the book under the appropriate time section. Then, when sitting down to DX, I have before me a summary of what I wish to go after. A similar book is kept for verification signers of stations I have not yet verified.

As most DXers, I have the bandspread calibrated on my HQ-180. This enables me to "get around". Where the frequencies are in question or are out of the regular bands, my frequency meter gets called to duty. Ordinarily I do not use headphones unless I have something on the hook and find it difficult to read.

My Far East loggings are definately not what they should be, due to a distinct distaste for getting up any earlier than absolutely necessary. Hopefully, someday I will change my ways.

There are, of course, many Latin American stations on the bands during the local evening hours. And, in order to keep new loggings going on the books, I probably chase them somewhat more than the average DXer. Whether this is worth the additional frustrations on the reception report and verification front is certainly open to debate. I do not claim to be an expert DXer; I feel that everyone in the hobby is always looking for and learning something new which can be applied to bring better results.

I am always looking forward to adding that new country, or that new station I've been seeking. I value the many friendships I've made in the hobby, and the knowledge about this world we live in. All in all, I am very grateful for that February day many yaers ago when I walked out of the radio store with an S38B tucked under my arm.

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DX CALENDAR

Tune stations of countries mentioned on dates given. Usually there are numerous special programs and in many instances the stations are on the air in excess of regular times.

June 2	Proclamation of Republic, Italy	July 14	Bastille Day, France & Honduras
June 5	Constitution Day, Denmark	July 14	Republic Day, Iraq
June 10	Day of Portugal	July 20	Independence Day, Columbia
June 12	Independence Day, Philippines	July 21	National Day, Belgium
June 30	Independence Day, Dem. Rep. Congo	July 23	National Day, United Arab Rep.
July 5	Independence Day, Venezuela	July 26	Independence Day, Liberia

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REMEMBER, 99% OF CONTENTS IN OUR BULLETINS IS DEPENDENT ON MEMBERSHIP REPORTS AND/OR ARTICLES. YOUR COOPERATION AND SUPPORT HERETIC IS MOST ESSENTIAL. DO YOUR PART!!!

TIBET CLANDESTINE RADIO???

de The Christian Science Monitor via Scott Moeller

The exiled Dalai Lama has confirmed that there is a growing resistance movement in Chinese Communist occupied Tibet. In a statement commemorating the tenth anniversary of the Tibetan national uprising of 1959, the Dalai Lama said, "There is a surging tide of dissatisfaction and opposition in all spheres of activities, in words, thoughts and actions." The spiritual leader continued, "Increasing numbers of Tibetan youths trained and indoctrinated in China are publically denouncing the very presence of the alien rulers and are participating in acts of sabotage and other anti-Chinese activities."

The Tibetan leader, living in exile in India, said the resistance has even spread to prisons and concentration camps.

"Critisism and dislike of the alien rule are voiced by prisoners through songs which soon spread like wildfire", said the Lama. "Group leaders among the Tibetan prisoners talk to younger inmates, relating the history of Tibet and how its sovereignty was violated by the Chinese Commies. At the risk of execution, group leaders bring prisoners news from the outside world," he said.

News reaches Tibetans who have not been arrested by the Chinese in the same way. (cont'd next column...)

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SLURS AT AMERICA VIA PERU RADIO

Three armed and masked men recently invaded a Lima radio station and forced the announcer to broadcast an appeal for attacks on American property in Peru.

The men, armed with submachine guns, entered Radio Expreso (9635MHz) and ordered the station personnel to broadcast what they called a declaration of the Revolutionary Leftist Movement. Included in the declaration was a fight against "Yankee imperialism". After five minutes, the men fled. Police set up a roadblock and began questioning station personnel. (Al Sizer) Wonder if this ties in with the recent visit of Mr. Rockerfeller??

It is believed that trusted members of the underground listen to the Tibetan shortwave broadcasts from All-India Radio, then pass it along to others along the grapevine. This way, if a Tibetan is discovered by the Chinese Communists while relaying the news, they will not know where the radio is located. In addition to the regular shortwave programs from AIR, it is believed that the Dalai Lama's group is in touch with the underground leaders in Tibet, through a clandestine radio network. The Dalai Lama's intelligence network has given the world a picture of what is going on in the huge prison which Tibet has become since the Chinese have occupied it.

A news bulletin recently related many clashes have been taking place between Mao and anti-Mao factions. It has also been reported the destruction of many of Tibets famous monasteries, as the Chinese attempt to wipe out the last vestiges of Buddhism. In addition, it is reported that thousands of Tibetans have been forced off their land and given over to Chinese who are brought in to "sinify" Tibet.

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SOLUTION TO AN ANTENNA PROBLEM

Living in a low rent suburban housing development, I have no space for a decent long wire or an S/L-7 type antenna. So after reading the RN Antenna Handbook, I got the idea try now using my TV one which has a rotor. After some experimenting (much to my wife's objections) I tapped into one side of the 300ohm lead-in. In a short time I noticed the improvement of incoming signals and heard stations I never heard in past. Since then I have logged many new stations and am quite pleased. I might mention that there was no ill effect at all on the TV pictures. Perhaps there are other members who are in the same fix I once was in and would now like to try DX chasing via a TV antenna. For one, I'd say it is worth giving a go. (Don Herbert) Anyone wanting more info hereto, you can contact Don at the following address; 22 Downey Drive, Warminster, Pa. 18974.

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Please note: As loggings are sent our Log Report Editor and QSL data is sent to our QSL Report Editor, kindly send all news items to our NewsRoom Editor. Only articles should be sent to/for the general section of Shortwave Center. Thank you!

LATIN AMERICAN PERSONAL NAMES by Cesar Objio, Dominican Republic

There is a mistake currently being made by U.S. DXers when speaking or writing Latin American personal names. These DXers are so accustomed to using names in the U.S. way that they do not fully understand how names are used in this area of the world. It usually is observed in DX club bulletins, even in the WRTH, when station owners, directors or verification signers are mentioned.

While I am certain that all U.S. DXers are well aware of how they are named, and the proper way to sign their name, I will not go into detail thereto; However I would like to explain how Latin American names are given and how they should be written.

In Latin America when a child is born, he receives two names...for instance Jose Manuel. If he is a legitimate child, he is entitled to his fathers family name and his mothers family name. Example- Jose Manuel Perez Garcia. Perez being his fathers family name and Garcia being his mothers family name. If he is an illegitimate child, he will only get his mothers family name, Jose Manuel Garcia.

Sometimes his full name is abbreviated, Jose Ml. Perez G. or Jose M. Perez or just Jose Perez. When he does not use his second name, Manuel, there is possibility mistake will come up if he writes his name, Jose Perez Garcia. In Latin America there will be no mistake, but in the U.S., DXers cant distinguish between a first name(nombre) or a last name/family name(Apellido), and sometimes they abbreviate his name Jose P. Garcia. This is wrong since his fathers last name is more important, yet is not mentioned fully as it should be. The family/last name of the father should never be abbreviated. The mothers family/last name is used, but never alone or as in the last example above, or sometimes not used. There is no way of showing U.S. DXers what name is a family name or what name is a first name, this knowledge comes from experience. However first names are usually the same as in English, but translated.

As a final example I will use my name which completely is Cesar Federico Objio Gonzalez. Cesar is first name(primer nombre) Federico is second name(segundo nombre) Objio is my fathers family name(apellido paterno) and Gonzalez is my mothers family name(apellido materno). As many of you know, I sometimes sign my name Cesar Objio for short, or Cesar Fed. Objio G. Yet never will I write it as Cesar O. Gonzalez as this would be completely wrong and improper.

I hope this brief explanation will clear up the matter for many U.S. DXers and may even be of help in their getting more QSLs from Latin American stations. After all, if a report is improperly sent, has an incorrectly written name on it, chances are it will never reach the person/station to whom it was mailed. So good luck with your LA DX!

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REGARDING THE FEBC STATION, SEYCHELLES

In March I received a letter from the FEBC office in California, it read in part; "The Seychelles station may be testing now but would be of such low power it is most doubtful you could hear it. The Seychelles people are not the inspired workers that Americans are and thus considerable delay has resulted because of the lack or indifference of construction workers."

I then wrote direct to the station (Box 234, Victoria, Seychelles, via Mombassa, Kenya) and last month received reply from Mrs. John Wheatley stating in part; "I am sorry you were misinformed that we have had difficulties getting our transmitter constructed due to indifference of the Seychelles people. As matter of fact we have been given utmost cooperation and assistance by all government parties and all workers..." She also said they were using a temporary headquarters, were having trouble with a transformer which water had gotten into, and that a larger 30KW transmitter was due to arrive from Manila in late May.

Richard Anderson, Evanston, Illinois

RADIO NACIONAL de BRASILIA

by Richard L. Murphy

A station which many SWLs in North America have heard frequently is Radio Nacional Brasilia which first came on the air May 30, 1958. It is located in the modern capital city of Brazil and operates on the sw frequencies of 15445, 11720, 9665 and 6065, all with 10KW power.

Director of the station is Antonio Maciel Pinheiro, who many times signs verifications for reports from listeners.

Most programs broadcast are along the lines of light music, pop music, hit parade, etc., along with numerous commercials.

The man at the station who is familiar to many SWLs is Sr. Lutherio Toledo. He is the one that generally replies to reports and signs verifications. Sr. Toledo has a most interesting background in the broadcasting field in Brazil. Before he went to R. Nacional, he was in Rio de Janeiro as public relations man. When he moved to Brasilia he first worked as an announcer. Later he became producer of movie programs for a TV station there. Currently he is an advertisement broker and sells the commercials that R. Nacional de Brasilia carries.

Sr. Toledo understands English and you may report to him thuswise; Both he and the station are very friendly and most correct reports are verified, usually by letter along with a pennant. It is suggested reports be sent to: Sr. Lutherio Toledo, Radio Nacional de Brasilia, C.P.1472, Brasilia DF, Brazil. An IRC is requested. It is also a nice gesture to send along a local postcard with a few friendly words, thanking the station and/or the Sr.

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EMISSORA de RADIODIFUSAO de TIMOR PORTUGUES

by Raymond Mas

Timor is an island of volcanic origin and is the largest and easternmost of the Lesser Sunda Islands and the Malay Archipelago. It is about 700 miles southeast of Borneo and 500 miles west by south of Papua and New Guinea. The island is approximately 300 miles long and 60 miles wide. In all it constitutes about 12,450 square miles. It is largely dominated by a volcanic mountain chain, the tallest peak being Mt. Atlas which is 12,000 ft. The peoples of Timor are mostly Papuan with Malaysian, Polynesian and Negrito mixtures. An interesting note is that the island still has a large population of headhunters, but few come in contact with civilization.

The island is divided into different sections politically and culturally. The western half, formerly belonging to the Netherlands is now part of the Republic of Indonesia. The eastern half, Portuguese Timor, is still under Portuguese rule. Timor was the scene of bitter fighting during World War II.

Emissora de Radiodifusao de Timor, a government owned station, was formed in Sept. 1959 where it broadcast from an airport control tower in the capital of Dilli. In March 1963, the station moved to a new building where it is presently located. Sked of the station is 0430-0600 GMT daily and 1000-1430 Sat., 1000-0030 Sun. in national languages, Portuguese. There is a broadcast in Tetum from 1015-1045 on Thurs. and Chinese at 1230-1300 on Weds., Sats. Frequency for all transmissions is 3286kHz.

Eve though power is given as only 1KW, it has been heard in North America on rare occasions. Reports are wanted (preferably in Portuguese) and should be sent to:

Emissora Radiodifusao de Timor Portugues

Dilli,

Timor Portugues

The station advises that return postage should be included with report, either in IRC or Timoran mint stamp form. Tape recorded reports are also accepted.

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NASWA can continue only so long as and provided it is given proper support by members who are sincerely interested enough to give support.

DONT BE A VOCAL BRAVE: BE AN ACTING CHIEF!

A Technical Tip

RECORDING SW BROADCASTS

by Art Poulis

Ed Shaw's method of recording DX, described in the March bulletin, is unique and may be your best bet, provided it works with your equipment.

However, many DXers, particularly those with transistorized recorders, and those with telephone pickup coils not specifically designed for their machines, may find this system will not work for them. Monumental impedance mis-match also may bring on some problems.

Most modern transistorized recorders simply do not have enough gain in the first pre-amp stage and generally require an external pre-amp between the pick-up coil and recorder to function properly.

Clean recordings can be made from any rx by making the take-off point the high side of the volume control. Recordings can then be made with the volume controls of the rx and recorder operating independently of each other.

Even if DXers are not concerned with "hi-fi" recordings and shy away from having any unnecessary tampering done to their rx's, it appears that the best compromise is to record directly from the speaker terminals of the rx. Here again, depending on the impedance of the accessory inputs of the recorder, problems of mis-match may arise. Distorted recordings or hum resulting from impedance mis-match can usually be overcome by placing a 0.1 mfd condenser in series with one of the wires connected to the speaker terminals. There are many ways to turn out excellent recordings. Give them a try and use the one suited to your tastes and equipment.

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THE ARMED FORCES RADIO AND TV SERVICES

The shortwave service of the AFRTS is the sole Armed Forces radio service serving many isolated military posts and those at sea. Since its inception in early 1942, AFRTS shortwave has provided important live voice material to outlets wherever American military personnel are stationed.

Until 1967, the AFRTS transmitters (actually belonging to the VOA) were fed by two separate studio centers in Los Angeles and in New York. They operated independently of one another. Then, in order to improve the flow of "Seat of Government" as well as military and general news to U.S. servicemen, the Dept. of Defense established the Armed Forces News Bureau. It became fully operational Jan. 1966. The AFNB is now the program origination point for both east and west coast transmitters.

The major coverage areas served by AFRTS shortwave are the Pacific, Far East, Southeast Asia, Europe, North Atlantic and the Caribbean. East coast transmitters at Bethany, Ohio and Greenville, N.C., operate 9½ hours daily; West coast transmitters at Delano, Calif., are on the air 19½ hours daily. Transmitters in the Philippines relay programs to Asia 3½ hours daily.

Programming is all in English, is based on the "wheel" concept. That is to say the first 15 minutes of each hour is news, then followed by five minutes of sports, then by ten minutes of short features. Half past the hour brings another five minutes of news, followed by programs such as "Issues and Answers", "Capitol Assignment", etc. The program wheel is sometimes interrupted for coverage of sports events or special news events however.

Verifications are provided for listeners whose reports include date, time, location of broadcast (transmitter), frequency and some program detail. Schedules are issued four times per year, but no mailing list is maintained. Reports are to be sent to: Dept. of Defense, Directorate for Armed Forces Information and Education, OASD(M), Armed Forces News Bureau, Washington, D.C. 20305. David R. Alpert

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Special thanks this month go to the following members for sending in articles for SWC; Gerry Dexter, Cesar Objio, Al Sizer, Art Poulis, Don Herbert, Scott Moeller, David Alpert, Richard Murphy, Ray Mas, Richard Anderson.



QSL REPORT



GREGG A. CALKIN*EDITOR, 174 WATERLOO ST., SAINT JOHN, NEW BRUNSWICK, CANADA

Deadline 15th of Month

NEW ADDRESS

Your editor would like to draw to your attention the above address change, effective immediately. In future, until further notice, please send your reports for QSL REPORT to: Gregg A. Calkin, QSL Editor, 174 Waterloo St., Saint John, N. B. Canada. This will speed your reports and will ensure they appear in the succeeding issue. Many thanks!

SCOREBOARD

This month our bi-monthly SCOREBOARD features South America. Next Scoreboard will be in the August Frendx, and will feature North America.

N°.	Name/Reporter/Location	HIC/VIC	HIS/VIS	S.A.		S.A. PRIZED/kHz.
				HIC/VIC	HIS/VIS	
1.	Don Jensen, Wisconsin	198 194	---	15	15	Falkland Is Bc Sce 3958
2.	Barry Williams, New Zealand	198 183	-- 1824	13	10	R. Demerara, 3265 kHz
3.	Bob Padula, Australia	196 184	-- 1896	12	10	R. El Espectador 11835
4.	Gerry L. Dexter, Wisconsin	183 179	721 497	13	13	R. Quinta, Ec., 6635
5.	Bill S. Sparks, California	179 172	--- 403	13	13	R. Encarnacion, 11948
6.	Alan H. Roth, Connecticut	177 159	476 344	13	13	AVROS, 15235 kHz
7.	Jan Tunér, Sweden	176 148	--- 390	12	11	R. Caiari, 4950 kHz
8.	Dan Henderson, Maryland	175 145	---	13	9	R. Bucaramanga, 4845
9.	Roger Legge, Virginia	173 151	---	13	13	PZH, Surinam, 6800 kHz
10.	Marlin A. Field, Michigan	172 158	559 405	13	13	R. Altiplano, La Paz
11.	Bill Flynn, California	172 151	--- 309	15	15	PZC Surinam, 15460 kHz
12.	Wendel Craighead, Kansas	171 153	---	13	12	AVROS, Surinam 15405
13.	Richard Wood, Hawaii only	171 92	565 167	12	12	Radio Landa, 6033 kHz
14.	Roger Camire, N. H.	169 99	---	13	6	ORTF, Cayenne, 3384
15.	Gregg A. Calkin, New Brunswick	160 144	313 182	12	10	SODRE, Montevideo
16.	Beli-Matti Kuparinen, Finland	157 124	250 171	10	7	Radio Teleco, 11852
17.	Edward Shaw, California	154 123	324 176	14	11	R. Litoral, Bol. 5025
18.	Del Hirst, Texas	150 104	341 108	12	9	R. Yaracuy, 4940 kHz
19.	Keith Kwiecien, Nevada	150 90	160 90	10	10	Falklands Is Bc Sce 3958
20.	Bruce W. Churchill, Calif.	146 117	---	8	5	AVROS, Surinam, 15465
21.	David L. Potter, Florida	145 ---	295 ---	13	---	-----
22.	Bill Matthews, Pennsylvania	140 118	282 162	11	9	ZFY, Georgetown 3265
23.	Don W. Billingsley, Calif.	135 108	---	11	5	-----
24.	Chris Lobdell, Massachusetts	132 105	183 113	13	10	ORTF, Cayenne, 3385
25.	Bob Hagerman, Michigan	132 99	276 130	11	9	ORTF, Cayenne, 3385
26.	William Via, Maryland	131 118	240 137	13	7	R. Nor-Peruana, 9654
27.	Dan Ferguson, Florida	130 ---	---	9	---	-----
28.	Bruno Colapietro, New York	125 113	210 183	12	11	SODRE, Montevideo 15270
29.	Bill Eddings, Pennsylvania	122 103	160 151	13	7	SODRE, Montevideo 9620

30. Mike Kamp, Texas	120	105	192	139	12	10	AVROS Surinam, 15450
31. Arthur Poulis, Massachusetts	117	87	---	87	10	5	R. Demerara, 3265 kHz
32. Alvin Sizer, Connecticut	117	94	192	98	10	3	ORTF, Cayenne, 3385
33. Brent M. Wolfson, California	116	61	159	67	7	2	PZC, Surinam, 15450
34. Robert Getman, Wisconsin	115	91	222	104	11	8	ORTF, Cayenne, 3385
35. Larry A. Lundberg, Minnesota	114	88	393	261	---	---	-----
36. Mike Macken, Massachusetts	114	59	---	---	9	4	R. Euzkadi, 15080
37. Richard D'Angelo, New York	113	65	---	---	10	3	R. Nacional/Col. 4955
38. Robert H. Wilkner, Florida	112	55	---	61	10	1	-----
39. Gary Mickle, California	111	89	212	133	10	7	La Voz de Manabi, 4813
40. Alex T. Frimm, Missouri	109	81	112	81	8	2	Buenos Aires, 11780
41. George Schnabel, New York	106	81	---	---	8	7	-----
42. Craig Koukol, Illinois	104	58	139	65	8	4	R. Universo, 4850 kHz
43. Andrew Pappas, Illinois	99	89	103	85	---	---	-----
44. Steve Kamp, Texas	98	79	221	115	10	9	R. Centinel del Sur, Ec.
45. Barry Glassberg, N. Y.	95	70	160	85	12	12	R. Demerara, 3265 kHz
46. Jerry L. Green, Virginia	94	80	105	80	6	6	R. Soc & Bahia, 11875
47. Norm Jacobson, Wisconsin	92	82	115	90	8	7	R. Santa Fé, 4965 kHz
48. Al Reynolds, N. C.	92	59	113	66	7	2	R. Demerara, 5980 kHz
49. Richard Anderson, Illinois	90	67	---	87	8	4	R. Globo, Brazil 11805
50. John Zaharek, Connecticut	88	77	142	106	8	6	R. Demerara, 3265 kHz
51. Charles J. Artiss, Michigan	87	71	148	---	8	6	R. Guarani, 6175 kHz
52. Stanley D. Mayo, Maine	85	79	---	---	6	5	Chile, 9600 kHz
53. Thomas B. Alleman, N. Y.	85	62	96	79	7	3	Voz de Mindelo, 5030
54. H. Price Kagey, Pennsylvania	84	55	92	59	4	2	-----
55. Harry Smith, Ohio	81	71	81	70	3	3	R. Demerara, Guyana 5980
56. Richard L. Murphy, Texas	81	67	90	53	7	4	R. Bucaramanga, 4845
57. Bruce Reynolds, Missouri	80	69	---	---	8	4	R. Demerara, Guyana 5980
58. John Mraz, Pennsylvania	80	58	108	67	5	3	Radio Rumbos, 4970 kHz
59. W. John Hartman, N. Y.	79	57	107	84	7	2	RAE Buenos Aires, 9690
60. Michael J. Seth, New York	78	45	109	47	6	1	HCJB, Quito, Ec., 11915
61. Dan Trigilio, Connecticut	78	13	---	13	6	---	-----
62. John L. Osborne, Ontario	77	63	111	74	7	6	R. Demerara, 5980 kHz
63. William G. Caldwell, Calif.	77	63	---	---	---	---	-----
64. Henry Michalenska, R. I.	75	61	94	69	4	2	R. Nacional, Venez, 5020
65. David M. Baltimore, Penn.	73	55	74	55	3	1	HCJB, Quito, Ecuador
66. D. J. Weber, Ohio	72	65	105	88	6	4	HCQR1, R. Quito, 4923
67. Kim Elliott, Indiana	72	50	101	59	4	1	HCJB, Quito, Ecuador
68. Michael Silverstein, N.Y.	72	50	87	60	6	6	R. Rumbos, Venewuela
69. Donald F. Herbert, Penna.	72	45	---	---	6	1	HCJB, Quito, Ecuador
70. Bruce T. Goldman, N. Y.	71	56	---	---	6	3	RAE, Buenos Aires 9690
71. Ron J. Ponke, Michigan	71	20	---	---	---	---	-----
72. J. D. Thornton, California	70	69	---	---	2	2	RAE, Buenos Aires 9685
73. David Alpert, Illinois	70	60	---	---	---	---	-----
74. James S. Hurst, Maryland	70	57	85	70	3	2	R. Barquisimeto, 4990
75. Bob Kirkpatrick, B. C.	69	66	69	66	3	3	RAE, Buenos Aires 11710
76. Ken Lyon, New York	69	54	85	53	5	5	Trans. Caldas, Col. 5020
77. Joseph A. Breton, Mass.	69	51	---	---	5	1	HCJB, Quito, Ec. 15115
78. Walt Fair, Texas	69	29	---	34	8	1	Radio Quito, Ec. 4923
79. Alan Jeeves, Pennsylvania	69	20	108	21	6	0	-----
80. Douglas Anderson, Florida	68	61	100	67	6	5	R. Demerara, 5980 kHz
81. Bob Citronberg, New York	68	60	71	64	6	4	R. Demerara, 5980 kHz
82. James S. Wilkie, Missouri	68	58	68	58	7	7	Cayenne, French Guiana
83. John Forsythe, P. Q.	68	55	82	71	---	---	-----
84. Bob Penn, Georgia	68	54	83	64	2	1	HCJB, Quito 9745 kHz
85. Marty Kane, N J	68	51	81	53	2	1	HCJB, Quito, 17890 kHz
86. Rudolph Menna, Penna.	66	42	72	42	1	1	HCJB, Quito 17890 kHz

87. Jerry M. Stuart, Oklahoma	65	55	--	86	3	2	HCJB, Quito, 11915 kHz
88. Kevin Brown, Michigan	65	40	94	43	1	1	HCJB, Quito, 9745 kHz
89. Andrew Rugg, P. Q.	64	60	109	101	7	6	CE950, Chile, 9570 kHz
90. Walter R. Miscichowski, N.Y.	64	42	--	--	-	-	-----
91. Rowland Archer, N. Y.	63	54	72	57	4	3	Voz de Medellin, 5020
92. Thomas J. Daly, New York	63	31	70	34	5	1	HCJB, Quito, Ec., 9745
93. John A. Figliczzi, New York	63	10	75	10	4	1	HCJB, Quito, Ec., 17895
94. Greg Barman, Illinois	62	25	75	29	3	1	HCJB, Quito, Ec., 15115
95. Paul Moore, Ohio	59	46	65	48	4	1	HCJB, Quito, Ec., 15115
96. Larry Zamora, Texas	58	50	65	61	8	2	R. Rumbos, Venez., 4970
97. Robert Moser, Illinois	56	44	--	70	5	3	FJ2, Curaçao, N. A.
98. W. Allison Capson, N. B.	57	51	67	55	4	4	R. Presidente Balmaceda
99. John W. Banta, New York	57	47	64	54	3	1	R. Américas, Swan Is.
100. Irwin Glasberg, P. Q.	57	44	85	57	4	1	HCJB, Quito, Ecuador
101. Joey Nonnast, Texas	57	40	69	44	7	4	R. Nacional Brasilia 11720
102. Tom Upton, Texas	57	35	86	46	4	3	HJFW, Colombia, 5020
103. Geoff Oates, B.C.	56	48	75	65	3	3	YVKH, Caracas, 5030 kHz
104. Len Hoskins, Wisconsin	56	36	68	45	4	1	-----
105. Bob E. Estand, Texas	55	54	66	65	3	2	Radio Junin, YVOL, 4930
106. Bert Adams, Ontario	55	46	--	--	2	2	Buenos Aires, 11710 kHz
107. Lyle D. Hulser, Tennessee	55	40	60	47	-	-	-----
108. Chris Pygott, Ontario	55	37	66	37	4	1	-----
109. Scott Moeller, Pennsylvania	54	30	62	34	3	1	HCJB, Quito, Ec., 11915
110. John T. Soneff, Louisiana	53	45	60	49	3	1	-----
111. A. A. Jinkinson, Ontario	53	43	--	--	6	4	Radio Nac., Col., 4955
112. Tom Miller, Missouri	53	43	--	--	-	-	-----
113. Robert Adkins, Missouri	52	24	--	--	-	-	-----
114. Chris Kennedy, Maryland	51	41	53	41	1	1	HCJB, Quito, Ec., 15115
115. R. C. Standish, Ohio	51	25	53	25	6	1	TWR/Bonaire, 9-90 kHz
116. Dale Landolt, Illinois	50	20	60	18	9	1	HCJB, Quito, Ec., 11915
117. Lee Boggus, Georgia	49	38	58	46	4	1	HCJB, Quito, Ec., 9745
118. Audie Kaufman, New York	48	39	63	48	5	3	Trans. Caldas, 5020 kHz
119. Bruce Klemens, New Jersey	48	39	55	44	2	2	Radio Nac De Colombia 4955
120. Don Anthony, Connecticut	48	22	55	22	3	1	HCJB, Quito, Ec., 15115
121. Jimmy Davis, Oklahoma	46	34	67	42	3	2	RAE/Argentina 9690 kHz
122. Charles F. Davis, N. C.	46	32	46	32	3	3	HCJB, Quito, Ec., 17890
123. J. R. Haddin, Washington	45	20	71	37	5	4	HJU, Buenaventura, Col. 9510
124. Dennis Patrick Driscoll, N.C.	44	27	50	27	-	-	-----
125. W. P. Kilroy, D. C.	44	26	49	27	3	1	HCJB, Quito, Ec., S.A.
126. Ken Sedlacek, Nebraska	44	15	48	17	3	1	HCJB, Quito, Ecuador
127. Edward Kelly, Pennsylvania	44	14	44	14	2	-	-----
128. John DeSmith, Minnesota	43	33	50	35	1	1	HCJB, Quito, Ecuador 9745
129. Larry Maroney, Missouri	43	33	45	35	3	1	HCJB, Quito, 9745 kHz
130. Arthur L. Skopec, New York	43	32	53	39	2	1	HCJB, Quito, 9745 kHz
131. Chris Stark, Nova Scotia	42	39	42	39	1	1	HCJB, Quito, Ecuador
132. Trev. Burke, B. C.	41	39	73	68	2	1	RAE/Buenos Aires, Argentina
133. Dennis A. Doonan, Wisconsin	41	31	48	33	1	1	HCJB, Quito, Ecuador
134. Peter Rudolph, California	41	28	45	32	4	2	RAE/Argentina, S. A.
135. Mrs. Mildred Marshall, N.D.	41	27	52	38	-	-	-----
136. Bill Vogt, Illinois	40	35	55	47	2	1	-----
137. Bob Chaffee II, New York	39	17	43	17	2	0	-----
138. Michael Gouthro, New York	37	28	44	34	4	1	HCJB, Quito, Ecuador 9475
139. Paul Manning, Massachusetts	36	7	39	7	1	1	HCJB, Quito, Ecuador 9580
140. Al Rasmussen, N. J.	34	23	37	25	1	1	HCJB, Quito, Ecuador 15120
141. Ken Hildreth, Illinois	33	24	40	29	4	2	-----
142. Robert Byers, Ontario	31	25	36	30	-	-	-----
143. Bob Peritz, New York	31	32	38	27	1	1	HCJB, Quito, Ecuador 9745

144. Brian Goedke	30	20	50	20	8	2	HCJB, Quito, Ecuador
145. John Semenek, Alberta	28	21	30	23	1	1	HCJB, Quito, Ecuador
146. Eddie L. Gafford, Kentucky	27	24	36	29	1	1	HCJB, Quito, 9745 kHz
147. Don Dinkmeyer, Illinois	27	19	35	19	2	1	HCJB, Quito, 6050 kHz
148. Rick Kolb, Ohio	26	12	27	12	4	2	-----
149. John A. Beggs, Ontario	24	22	27	23	1	1	HCJB, Quito, Ecuador
150. Gary A. Galo, Vermont	24	20	29	23	-	-	-----
151. Thomas S. Murphy, Texas	24	13	27	17	3	2	HCJB, Quito, Ecuador
152. George Davenel, New York	22	15	25	18	-	-	-----
153. Dutee R. Yaghjian, Mass.	21	11	21	11	2	2	HCJB, Quito, Ecuador
154. Paul Curran, Massachusetts	20	17	20	17	1	1	-----
155. Richard Miller, Virginia	20	17	20	17	2	1	HCJB, Quito, 11915 kHz
156. Roger S. Horie, Idaho	20	12	24	14	3	1	HCJB, Quito, 17890 kHz

QSLs RECEIVED

This month we have a large number of excellent QSLs. In particular, your editor would like to draw to your attention the first ever QSL from Radio Biafra, and a rare QSL from the Voice of Hope, Republic of Korea.

ALBANIA: Tirana, 6210, folder card in 4 months seamail (Pryshepa) 9 weeks registered with full verification data (Nonnast)

ALGERIA: Radio Algeria, 9685, black and yellow on white card in Arabic. Correct and complete information; reported in French. Also received sked and rpt form from station in 80 days seamail. 3 IRCs (Estand) 6060, 4 months seamail, used NASWA form w/2 IRCs, Card is printed in French (R. Murphy)

ANGOLA: A Voz de Angola, 5960, photo card of Isle of Birds with all data, in English, by air in 2 weeks. Reported in Portuguese with 2 IRCs. V/S: Manuel H. de Carvalho (Hagerman)

ARGENTINA: LRA3, RAE, card, pennant and sked in 10 months after report. No data, for 9690 (Sizer) 9684 (nom. 9690) in 40 weeks seamail. 2 IRCs. (Pappas)

Radio Nacional, 15345, card and pennant in 4 months, SASE sent (Field) 164 days seamail (Wastradowski)

ARMENIAN SSR: Erevan, card and sked in 9 weeks registered mail for 17800, for the Khabarovsk relay, Asiatic R.S.F.S.R. (Hurst)

ASCENSION IS: BBC Relay sent usual BBC card from London with place typed in. No data, 19 days airmail from London for 9510 kHz. BBC sked. (Steen) 21 days air, w/sked; no data (Lyon)

AUSTRALIA: Radio Australia, photo card in color of Perth for 21740 kHz by airmail in 15 days; 1-IRC (Steen) Red Cap Gum card, 15322, 3 months (Insinger) St. George's Terrace card for 21740 in 3½ weeks air; 2 IRCs (Insinger)

VLM4, Brisbane, 4920, sent usual ABC card w/full data in 10 days by airmail; IRCs sent (Hagerman)

AUSTRIA: Vienna, card and sked, rpt forms in 21 days. Card is glossy paper with Austrian designs. QSL statement on it (Ponke)

AZERBAIDJAN SSR: Baku, 9490, card and p/card by registered airmail in 5 months. QSL states programme was Radio Mayak programme over Baku (Field)

AZORES: Ponta Delgada, 4865, card seamail in 3 months direct. 2 IRCs. Date and meter band given only. Also card from Lisbon in 5 weeks airmail for same reception, w/full data. 2 IRCs again (Poulis) 6 weeks, utilized NASWA report form (Hurst)

BELGIUM: ORU/Bruxelles, card in 2 weeks, plus sked, script and pennant. Card is blue, yellow, red and white, w/map of Belgium (Ponke) 6125 and 9615, 21 days by air, w/sked (Steen)

BIAFRA: Broadcasting Corp. of Biafra, by personal letter signed by A.S. Alaribe, C.E., for 7304 kHz, in 4 months. Reports should be sent in separate envelope to Republic of Biafra, 342 Madison Ave, Suite 814, New York, N.Y. 10017. 50 cents in US mint stamps must be sent. NY office forwards report by special messenger. Full data, and is first in the world! (Roth). Excellent, Alan - Congratulations!! (GAC)

BOLIVIA: Radio La Cruz del Sur, La Paz, 5025, card, pennant in 13 days after f/up sent. V/S: Hazen C. Parent. Donation sent w/f/up; reply by air (Field) That frequency no longer in use, Martin (GAC)

BONAIRE: Radio Nederland sent special Bonaire Noord QSL in 10 days. Reported on an aerogramme (Anderson) 11730, 41 days airmail (Wastradowski) 2 weeks (Upton) 9590, 25 days from Holland by air (Steen)

TWR, 9695 usual folder card in 12 days airmail, w/sked for 1-IRC (Steen) 3½ months (Marshall)

BRAZIL: Radio Amazonas, 4805, letter in English plus pennant from Nelson R. Porto, C.E. SASE sent. Reply by registered airmail; result of 5th try (Field)

Radio Nacional, 15445 attractive pennant, letter in English from Luthero Toledo, who asked the difference between Australia and N.Z.!! He advised that 3 IRCs should be included with all rpts to cover postage costs from Brasil. Reported in English airmail reply, 3 weeks, 3 IRCs sent. Verification in English (Padula) 11720, 1 month, general QSL statement, 2 IRCs (Nonnast)

Radio Clube do Para, Belem sent a letter in Portuguese giving date and confirmation statement only. Letter came via registered airmail in 1 month for 4865 w/Brazilian stamps enclosed. 3 IRCs sent (Lobdell)

BRUNEI: Radio Brunei sent colorful QSL card in 6 days airmail(!) after f/up; 8 months from original rpt. 2 IRCs sent w/original. Card gives date and frequency and is signed by N.J.A. Frigout, C.E. Stated original report has been mislaid and regretted delay. Card is green, yellow and white, for 4865 (R. Murphy)

BULGARIA: Radio Sofia, 9700, card and sked by seemail in 106 days. Full data; no IRCs. (Davenel) 79 days airmail, no IRCs (Wastradowski)

CAMEROON: Radio Yaoundé, 4972.5 in 3 months sent two different map cards, 1 of nation, 1 of world, with full data each. 2 IRCs (Sizer) 1 month airmail, 3 IRCs (Poulis) 7 weeks, reported in French w/IRC (Hagerman)

CANADA: Radio Canada, 9625, new color card in 3 weeks. IRC (Hurst) 11720, 16 days, 1st class mail (Insinger) 2 weeks surface mail, Ice-Hocket card (Steen)

CHNX, Halifax, 6130 kHz, white/blue print card in 12 days (Marshall)

CFRX, Toronto, 6070, verified in 5 days by Clive Eastwood (Upton) card of new and old city halls, 1st class mail in 8 days (Insinger)

CANARY IS: RNE; Tenerife sent colorful xmtr bldg card via Madrid for taped report. Card came airmail in 10 days for 15365 kHz giving date and frequency only. No IRCs. (Lobdell) usual card with Canary Islands stamp in 25 days via Madrid. V/S: Juan de Rojas. For 11800 kHz, card gives date and freq. only. Previous 2 reports not answered. Sked from Madrid in 8 days (R. Murphy)

CEYLON: VOA relay, Colombo, 11835 kHz, in 7 days from Washington with usual VOA card giving no date or time (Steen)

CHILE: Radio Valentin Levelier, 9550, card with photo of Valparaiso Bay from the air, in one month airmail. Mint stamps sent w/report. QSL signed from Hugo Muñoz, Jefe de Programacion (Sparks)

CHINA: Peking sent card in 94 days seemail with China magazines, sked, Red Book, and (get this) a button with Mao's picture on it. Reported on aerogramme to "People's Republic of China" (Anderson)

COLOMBIA: Radio Sutatenza sent usual Spanish/English folder card airmail in 1½ months for 5095 kHz. Card gives date and verie statement only. 2 IRCs (Lobdell)

Transmisora Caldas, 5020, letter from Ignacio Escobar Uribe, Gerente in 17 days airmail with pennant. Reported in Spanish with mint stamps (Anderson)

Radio Guatapuri, 4915, letter from Manuel Pineda Bastidas in 6 weeks after f/up w/SASE. Reply via air (Field)

Emisora Nuevo Mundo, Bogota, 4755, card in 2 weeks from Julio H. Reyes, Dept. Tecnico. SASE sent, airmail. This should clear up confusion as to 4755 station. SASE sent w/rpt (Field)

CONGO REP: Radiodiffusion Télévision Congolaise, Brazzaville, 4765, card in French by airmail in 3 weeks, 4 days. Card is OCORA card, w/sked on reverse. Rpted in French (R/ Murphy)

- CONGO REP: Brazzaville, 11725, Africa and native on card, in 3 months airmail. 2 IRCs sent. Full data (Nonnast)
- COSTA RICA: Radio Atenea, form letter in exactly 1 month with pennant. Reported in Spanish w/IRC (Anderson) 6150, in 3 weeks airmail. Reply from V/S: Dept. de Promocion y Correspondencia. SASE sent w/report (Field)
TIQ, 5954, green card with full data in 20 days airmail, w/pennant.
IRCs sent and returned (Anderson)
- CUBA: Radio Havana sent personal letter from Maria Montero Triana in 5, 8 and 10 months. Received QSLs, sked, pennant, booklets, and record of their national anthem. (Anderson) 11760, new horizontal card in 4 colors, pennant and personal letter from same V/S. by sea in 30½ weeks. no IRC (Hagerman) 9525, card, full data, 6 months w/pennant (Field) (Wastradowski)
- CYPRUS: BBC relay, 11955 sent card with location typed in. Came in 65 days, no IRCs//
- CZECHOSLOVAKIA: Prague, cards airmail for 7345 (37 days) and 5930 (33 days) (Gouthro) 11990, full data, 1 month airmail; no IRCs (Insinger) shows ruins of Trosky Castle, 9540 kHz, card/foto of karlovy Vary Spa, in 3 months (Marshall)
- DENMARK: Copenhagen sent aerial tower card in black and white in 6 weeks, w/VOD paper by air, signed by Suzanne Jackson. (Upton) 5 weeks airmail, 1-IRC (Insinger)
- DODECANESE IS: VOA/Rhodes, 7105, card surface mail in 8 days from Opan Lau, in Washington (Poulis)
- DOMINICAN REPUBLIC: HISD, Santo Domingo sent card in 3 weeks for 9505. No data, no nothing! Reported in English w/IRC (Koukol) seamail, giving date only (Lyon)
- ECUADOR: HCJB, Quito sent Slide-O-Rule time converter card via seamail in 2½ months for 15115. Card gives full data; no IRCs sent. V/S: Herbert P. Jacobson. (Lobdell) 9745, 106 days with religious pamphlets (Marshall)
Radio Atalaya, 4790, letter and pennant airmail in 10 days. Mint stamps sent, reply signed by Gladys Kocher Hermida, Secretaria (Sparks)
Radiodifusora Casa de la Cultura Ecuatoriana, 4930 kHz, letter and programme schedule/booklet; signed by H. Perez Estrella, Director, 3 weeks, mint stamps sent (Sparks)
Radio Luz y Vida, Loja, 4715, personal letter, pennant and sked by air in 2 months. SASE sent (Field)
- ENGLAND: BBC, 9560, color Thames card via seamail in 40 days. No data as usual (Banta) 1 month plus sked (Insinger)
CBC relay, 11970, card from Montreal, full details, seamail in 16 wks (Padula)
VOA relay, 9760, Woolferton, card in 1 week from Washington listing location (Upton)
- ESTONIAN SSR: Radio Tallinn, 6085 kHz, card, correct verie data in English, direct in 5 months (Roth) rejected request for 17700 notating they transmit only on 6085. Suggest 17700 may be MOCKBA (Field)
- ETHIOPIA: RVOG, Addis Ababa, 15180, blue/white print in 8½ months, plus sked and facts and figures on station (Marshall)
- FINLAND: Hlesinki sent card and sked in 1 month. 2 IRCs (Anderson)
- FRENCH GUIANA: ORTF, Cayenne, sent letter in French wirmail in 16 days for 3385 kHz, but gave date and verie statement only. NASWA report form used; mint stamps sent. V/S: C. Pierre (Lobdell) 16 days, letter in French with definite verie statement, by airmail (Pappas) 9 days from C. Pierre w/full data. 2 IRCs sent (Burnett)
- G.D.R. RBI sent beautiful blue/grey QSL for 9500 report, with full verie data, sked and letter of thanks. 5 weeks, 2 IRCs (Insinger) 6080, V/S/ Paul Lindner, N.A. Dept. plus book, pennant, GDR crest. 1-IRC by air (Field)
- G.F.R. DW, köln, separate cards for 7245, 15315 and 7150 kHz via airmail in 3, 6 and 4 weeks respectively; no IRCs (Padula) 9735 in 26 days airmail. QSL with full data (Steen)

G.F.R. Radio Free Europe, multi-lingual card in blue and white with limited data from New York office, surface in 1 week (Upton)

GHANA: Radio Ghana sent card in 20 days airmail, rpted on aerogramme. (Anderson) 25 days air w/sked. 2 IRCs (Upton) 11850, 3 weeks. 2 IRCs (Ponke) 99 days, ext sce sked (Marshall) 1 month white card airmail (Nonnast)

GILBERT & ELLICE IS: Tarawa sent personal letter plus QSL, stamps and data on station. Mint stamps sent; took 2 reports. V/S: A G M Slatter. Reported by tape, with IRCs, both of which were returned in 2 1/4 months (Burnett)

GREENLAND: Grønlands Radio, Godthåb, folder card w/info on Greenland in 28 days for taped report of 5980 kHz. Card gives date and frequency. 2 IRCs. V/S: Birthe Krogh (Lobdell)

GUATEMALA: Radio Chortis, 3280 kHz, letter from José Antonio Rodriguez, Director. 2 IRCs sent w/report (Ponke)

 TGNA, 5955, white card with pic of Quetzal bird, Bible verse, sked and letter in 66 days (Marshall) 2 months surface, lacks time (Nonnast)

GUYANA: Radio Demerara, 3265, card and sked in 10 days airmail. 2 IRCs (Insinger)

HAITI: 4VEJ, folder card for 11835, w/full verie and signature plus literature in 5 months seamail. 1-IRC (Insinger) 16 weeks, card and sked seamail; full data (Menna)

HONDURAS: HRVC, Tegucigalpa, new QSL card, nice but no data. Confirmation station on reverse, front has station address, frequencies, Bible quote and pic of man leading 2 burros, mountain peaks and HRVC tower in bkg. Name of station across front top of card. Also nice letter from Ron Youngs. 1-IRC sent with my report and reply came via airmail in 12 days. Sked included (Banta) 3 weeks airmail (Nonnast)

 La Voz de Occidente, Santa Rosa de Copan sent personal letter in Spanish via airmail in 1 month for 5960 kHz. Card gives date and QSL statement, reprtd using NASWA form. 3 IRCs. V/S: Arturo Rendon Pineda (Lobdell)

 Radio Suyapa, 6120 kHz, 2-page personal letter from Gustavo Armando Mejia, Locutor, in 4 months airmail. SASE sent w/rpt (Field)

INDIA: AIR kurseong, 3355, letter in 15 weeks from P. K. Choudhury. IRC (Sparks)

 AIR sent card from Dr. Jain in 2 months of Taj Mahal, sked sked and stamps of India including a PIC. Requested reports to be sent as quickly as possible after reception to facilitate checking. 2 IRCs (Burnett) card featuring old fort at Delhi and received for 15235 in exactly 1 month. 2 IRCs (Anderson)

INDONESIA: Radio Republik Indonesia, Djakarta, 1033, sends card with full data, via second class airmail in 3 months, 22 days. Reported via recording with NASWA Indonesian form, for 7270 kHz. V/S: Farida Nur, QSL Manager. 3 IRCs sent. QSL is in English, and they indicate pleasure at the sending of a tape (R. Murphy) 6105, 5 weeks air, 4 IRCs (Poulis) 30 days, 3 IRCs (Lobdell)

 YDJ, Jogjakarta, verified report in 4 months w/RRI card w/full data. IRC sent (Williams)

IRAN: Teheran sent card, plain white and info on country w/sked, in 4 months. Mint stamps sent, and reply came via registered mail, signed by E. Golesorkhi, Dir-Gen of Radio Iran. For 15135 (Burnett)

ISRAEL: Jerusalem, blue card for 7189 kHz, the first for this frequency in Australia, I believe, in 13 months. Result of f/up, as first report's QSL not received here. Also sent literature about Israel, sked, all seamail. (Padula) 9009, card in 2 1/2 months seamail (Hulser) card and sked for N.A. Experimental transmissions, saying pennant follows. 2 IRCs (Anderson) 68 days air (Wastradowski)

ITALY: RAI-Rome, card for 15375 kHz, seamail, in 16 weeks, no IRCs (Padula) usual color card showing antennae and map of Italy. Full data typed in, on reverse. Seamail reply in 75 days. (Banta) 6010, 2 months, beautiful color sked (Insinger)

JAPAN: NHK, separate cards for 17880, 17745 in 10 days airmail. Also report forms, selection of colorful p/cards showing Japanese scenes, and copies of RJ News. No return postage. (Padula) 9505, horrid purple, red, yellow and green card; reported on aerogram (Anderson) 35 days, card of Cherry Blossoms in Nara (Marshall) 11 d (Wastradowski, Lyon)

JORDAN: Amman, 9560, sent QSL and sked in 10 weeks airmail. Card features beautiful picture of the Amphitheatre of Philadelphia. 2 IRCs (Anderson)

KOREA (Rep. of): The Voice of Hope, The Korean Army station, 6170 kHz, sent card in 1 year. IRC sent (Sparks) Excellent, Bill (GAC)
VOFK, Seoul, 9640, card, pennant, and sked in 6 weeks airmail. 1-IRC.
(Field)

KOREA (DPR of): Radio Pyongyang finally replied direct, after 4½ years of trying, sending card with full data, personal letter, "Radio Pyongyang" newspaper, and books about Kim Il Sung. Very nice set of Korean post cards as well. Via seamaile, in 3 months. 5 IRCs sent (Calkin)

KUWAIT: Usual folding card for 21680, 11735 in 3 and 9 weeks respectively. 1-IRC sent. 21680 QSL 1st in Australia, I understand (Padula) 11920, in 48 days. No time given. 2 IRCs sent w/report (Banta) 11 weeks for 11920, foldout card with sked and verie data (Menna)

LATVIAN SSR: Radio Riga, 7140, card with details in Swedish, not signed, took 68 days (Roth) Having written to Riga asking for SW sked, I receive answer: "to our pity Radio Riga does not have any shortwave transmissions". Fail to mention about relays though (Sizer)

LEBANON: Beirut sent attractive sketch of studios by registered mail in 2 months for 11785 kHz. Full data. 2 IRCs (Glasberg)

LIBERIA: VOA, 7280, 5 days from Opal Lau and numerous skeds. (Upton)

ELWA, 4770, card and sked in 24 days airmail. 2 IRCs. Full data (Lyon)

LITHUANIAN SSR: vilnius, 9675, card and sked, containing full verification data, in 2½ months seamaile (Hulser) two cards seamaile in 128 and 135 days seamaile for 11770 and "19 mb" (Anderson) 70 days (Wastradowski)

LUXEMBOURG: CLT, 15350, colorful card in 49 days seamaile. Reported in French w/3 IRCs. Verie data (Poulis)

MALAGASY REP: Tananarive sent card verifying 4960 kHz in 4 weeks. Date only given (Williams)

MARTINIQUE: ORTF, Fort-de-France sent letter in French with all data by airmail in 11 days. V/S: J. Paletou, Le Chef des Services. Reported in English with IRC. 3315 kHz (Koukol)

MAURITANIA: "Ici Nouakchott" map card in color, 4850 kHz, in 46 days, with air letter. stamps and 3 IRCs sent with rpt to collector and V/S: M. Marill. (Sizer)

MONACO: TWR, Monte-Carlo 9605, folding card in 7 weeks airmail, plus sked. No IRCs. (Padula) 7295, folding card, 5 months (Hulser) B. Graham data (Marshall) 20 days air, 2 IRCs, full data (Lyon) also notes on good reporting, 2 months (Upton)

MONGOLIA: Ulan Bator Radio, letter in English in 2 months air, plus card, stamps, from V/S: Doyod, Head of English section. 3 IRCs (Field)

NETHERLANDS: Radio Nederland sent very nice Bonaire Noord QSL in 1 month, 2 weeks seamaile. Complete info, no IRCs, for 25610 kHz. Also sent travel folder on Lopik. (R. Murphy) 9715, New Bonaire card, 7 days airmail. Full data (Steen)

NEW GUINEA: Radio Wewak, 3335, letter-folder from J. G. Miles in 3 months airmail. 3 IRCs. Date and time given (Poulis)

NEW ZEALAND: RNZ, Wellington, 15110, card, 'tiki' pin and sked in 148 days seamaile. No IRC (Wastradowski)

NIGERIA: Lagos, green-white card for 21455, w/full data and personal signature in 16 days airmail. Sent 3 IRCs, 2 returned with thanks (Insinger) 16 days air, 2 IRCs; full data (Lyon) Returned IRCs (Lyon)

NICARAGUA: Radiodifusora Nacional de Nicaragua, Managua sent letter QSL in 16 days from Tacho Sanchez Dias for 11875. Used NASWA form and sent SASE w/report. Reply by air in Spanish with blue pennant (Burnett)

NORWAY: Oslo, 15175, card featuring Church in winter setting in 71 days (Marshall)

PAKISTAN: Radio Pakistan sent card from A. H. Kaleem, Director, Listener Research for 7235 kHz. Also a brief confirming letter, with date only, by airmail in 8 weeks. 1-IRC sent (Padula) 17945, letter in 16 weeks, plus "Pakistan Calling" magazine, by airmail (Menna)

PAPUA: VLT4, 4890, card and sked in 1 month when 2 IRCs sent. (Anderson)

PARAGUAY: Radio Encarnacion, 11945, letter asking for more reports, from Antonio E. Cabrera, in 4 months after f/up. 3 IRCs sent, reply registered (Field)

PERU: Radio Eco, Iquitos sent very friendly/cordial letter from DJ Rony Linares, who is not no longer at Eco. Date and QSL statement given; reply air in 9 days for 5010; mint stamps sent. Linares now at R. Loreto (Lobdell)

Radio Santa Rosa, 6045, pennant, personal letter and colorful folders in 2 weeks after f/up. V/S: P. Francisco Villena C., O.P. Director. SASE sent. Surface reply (Field)

R.S.F.S.R. Serpukhov relay, card via Moscow in 4 weeks for 7150. Verified by card. (Hurst)

Radio Station Peace and Progress, Moscow, 7330 kHz, card in 4 months w/ IRC (Field)

RWANDA: DW relay, 15410 kHz, card from Cologne in 4 weeks. No IRCs (Padula)

RYUKYU IS: VOA/Okinawa, 7165 kHz, card surface mail in 3 months via Washington. V/S: Opal Lau (Poulis)

SOLOMON IS: SIBS, 3995, sent map card and Preview Magazine in 86 days seamail. No IRCs. (Wastradowski) (McIntyre)

SOUTH AFRICA: Radio RSA, card and sked in 7 weeks airmail. Full data, 1-IRC sent//

SWEDEN: Radio Sweden, 11915, card in 9 days airmail, 1000th programme of SCDX card, w/full data (Steen) 11705, 1 wk airmail, no IRC (Wastradowski)

TUNISIA: Tunis, very picturesque card showing a scene surrounding the "Gabes Oasis" for 11900 kHz. Full QSL details, airmail, 19 days, from External relations Dept. 1-IRC sent, reported in English (Padula) 12 days air, rpted in French with mint stamps. Full data (Poulis)

TURKEY: Voice of Turkey, Ankara, B&W card with National Symbol in 1½ months for 15160 kHz. 1-IRC sent. (Glasberg)

U.A.R. Cairo, card and sked in 6 weeks airmail. 1-IRC sent; full data given, for 12005 kHz. (McIntyre) separate cards airmail for 15260 and 17725 kHz, plus sked. No IRCs. (Padula) 4 months after f/up (Glasberg) 9475, 3 weeks air; full data (Nonnast)

U.N. UN Radio, 11845, blue/white card, & sked in 6 days (Marshall)

U.S.A. WINB, Red Lion, sent card, for 11795 kHz, full details from Rev. John Norris, in 24 weeks. 1-IRC sent; seamail reply (Padula)

VATICAN CITY: Radio Vatican, 9615, card airmail in 2 weeks; no IRCs. Card is pic p/ card and contains full data. (Davenel) 12 days airmail, color card of Vatican radio antenna, full data (Steen) 9615 & 11785 in 128 and 13 days respectively. No IRCs. (Wastradowski) 12 days air for 6145 (Upton)

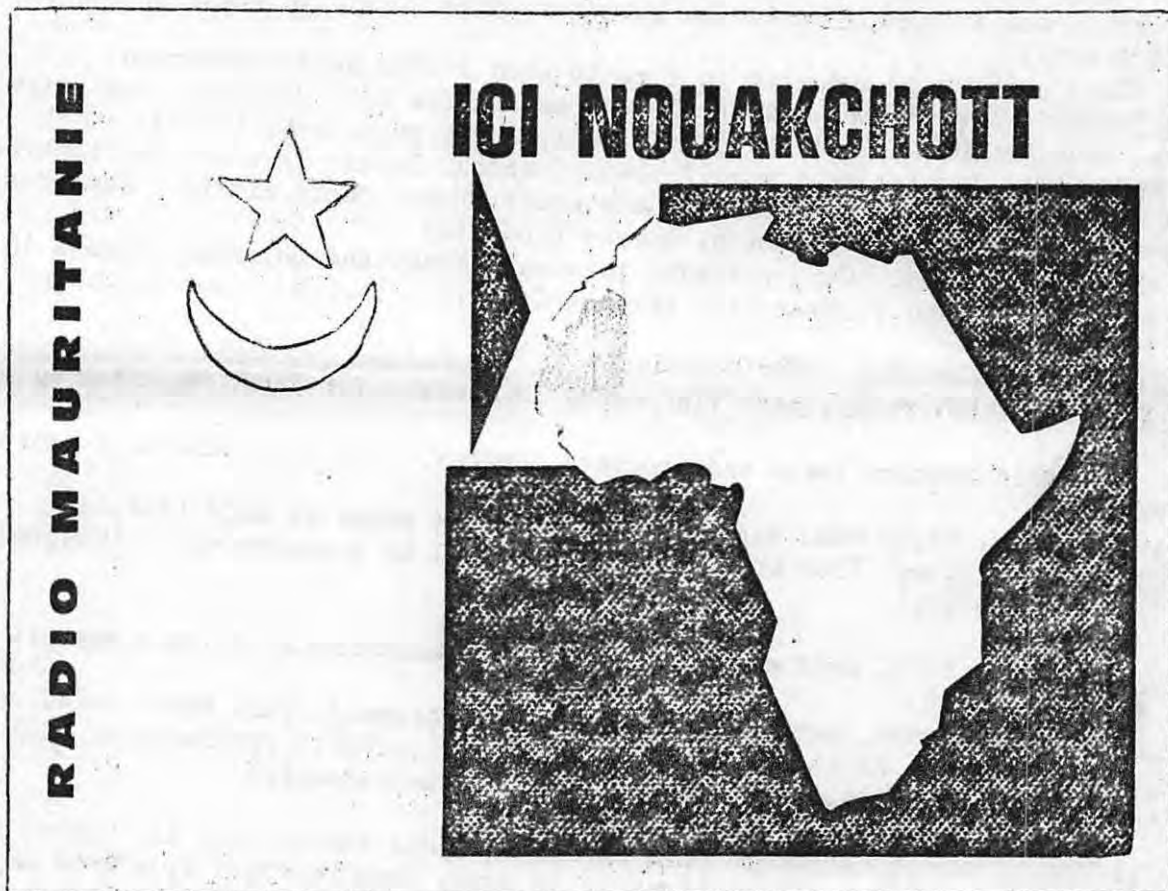
VENEZUELA: Radio Barquisimeto, 4990, green/white card in 3 weeks, seamail. No time; 1-IRC (Nonnast) 3 weeks airmail; IRC (Upton)

Radio Carora, 5020, personal and very cordial letter in Spanish from V/S: Carlos José Gonzalez, Director-Gerente in 21 days (Roth) 3 weeks after f/up, SASE sent (Field)

VIETNAM (NORTH): Radio Hanoi, 15015, white card verifying date, time and frequency. Report both sent and rcvd direct in 195 days (Wastradowski)

ZAMBIA: Radio Zambia, 3346 kHz, sent white card w/full data in 42 days by air. V/S: J. Allerton, C.E. 2 IRCs (Koukol) 5 weeks air; 3 IRCs & verie info (Poulis)

RADIO MAURITANIE, NOUAKCHOTT



One of the rarer African stations, Nouakchott verifies readily with the above card, for all correct reports. As indicated in this months QSLs RECEIVED, the V/S is a philatelist and greatly appreciates the enclosure of postage stamps in the DXers reports. Mauritania is currently being heard best on 4850 kHz, until 2230 s/off.

Special thanks and appreciation to the following 33 reporters who have contributed the many fine reports above:

- | | | |
|----------------------------|-----------------------------|----------------------------|
| Richard Anderson, Illinois | James S. Hurst, Md. | Andrew Pappas, Illinois |
| John Banta, New York | Edward Insinger, New Jersey | Ron J. Ponke, Michigan |
| Tom Burnett, California | Craig Koukol, Illinois | Arthur Poulis, Mass. |
| Gregg A. Calkin, N. B. | Chris Lobdell, Mass. | Petro Pryshepa, Ohio |
| George Davenel, N. Y. | Ken Lyon, N. Y. | Alan Roth, Conn. |
| Bob Estand, Texas | Mrs. Mildred Marshall, N.D. | Al Sizer, Connecticut |
| Marlin A. Field, Michigan | Rudolph Menna, Penna. | Bill S. Sparks, California |
| Irwin Glasberg, P. Q. | Edward McIntyre, Mo. | Dr. Paul M. Steen, N.Y. |
| Michael Gouthro, N. Y. | R. Murphy, Texas | Tom Upton, Texas |
| Bob Hagerman, Michigan | Joey Nonnast, Texas | Curt Wastradowski, Wash. |
| Lyle D. Hulser, Tennessee | Bob Padula, Australia | Barry C. Williams, N. Z. |
- AND SO GENTLEMEN, UNTIL JULY, BEST 73s and DX, GREGG.



NEWSROOM

DAN HENDERSON, EDITOR
8806 HUNTING LANE, APT.103
LAUREL, MARYLAND 20810

(Deadline 15th of month)

The following schedule has just been received from Radio Portugal's International Service:

For South America in Spanish from 0100-0145 on 15315, 11840, and 9585 kHz; To ECUS in English from 0200-0245 and to WCUS from 0345-0430 on 15125, 11935, and 6025 kHz; To Canada in French from 0215-0300 and in English from 0300-0345 on 11840 kHz; To Algeria, Belgium, France, Switzerland, and Morocco in French on 6185 and 6025 kHz from 0700-0745 and 1830-1915. To Italy in Italian from 1915-2000 on 6025 kHz; To Germany and Austria in German from 2000-2045 on 6025 kHz; To Great Britain, Holland, and Scandinavia in English from 2045-2130 on 6025 kHz; To Australasia in English from 0730-0900 on 21495 and 17880 kHz; To South East Asia in English from 1345-1430 on 21495 and 17895 kHz; To Malgache in French from 1730-1815 on 17895 kHz; To South Africa, and East Africa in English from 1815-1915 on 17895 kHz; To West and Central Africa in French from 1730-1815 on 21495 kHz; To Nigeria, Ghana, and Liberia in English from 1815-1915 on 21495 kHz; These broadcasts are daily. (Radio Portugal direct from the station).

Italian Radio-Television sends the following schedule, valid until September:

To North America from 0100-0120 on 11810 and 9575 kHz; To Great Britain from 1935-1955 on 11800, 10710, and 7275 kHz; To the Mediterranean Area with News from 0425-0540 on 7275 and 6095 kHz; To the Near East from 2025-2045 on 11800, 9575, and 7235 kHz; To Japan from 2200-2225 on 11905, 9710, and 6095 kHz. (RAI and John Soneff, La.)

NewsRoom Welcomes a new reporter, Tom Burnett of California. He sends the following article regarding Tarawa. Gilbert and Ellice Islands Broadcasting Service are adding a new 10 kw transmitter for use in the medium wave band. They are satisfied with their short-wave transmitter, but they are changing its site soon. The station will be off the air with the short-wave service some time this year for a while for the antenna switch, but it is not known when this will occur. Assistant General Manager Slatter reported that the transmitter has not arrived yet, and since things move slowly out there, it may be on later in the year.

The following schedule has just been received from Armed Forces Radio effective until September:

To Europe & Africa from 1330-2200 on 21500 kHz; from 1330-2300 on 15420 kHz, and from 1200-0400 on 15330 kHz. To Latin America from 1200-0400 on 9755 kHz; To the Far East from 2130-0400 on 21500, from 2130-0600 on 17765 kHz; from 0300-0800 on 15410 kHz; from 0600-1630 on 9710 kHz; and to SEAsia from 0700-1030 on 15250 kHz. (John A. Figliozzi, New York).

The Voice of Free China, Taipei, Taiwan, sends the following current schedule of North American transmissions until Sept. 6th:

From 0200-0350 to West Coast, USA from 17890 and 15345 kHz. To Central USA on 17720 and 15125 kHz. To East Coast, USA on 17780 kHz. 11825 kHz is used for transmissions to Australia and New Zealand and 7130 kHz to Japan at these same times. (VOFC via G. Alan Mckrod, Illinois).

The following schedule has just been received from Radio Nederland, valid until September 4th: From 0630-0750 in English and Dutch to New Zealand on 11730 and 9715 kHz; from 0800-0920 in Dutch and English to Australia on 11730 and 9715 kHz; from 1100-1220 to SEAsia in Dutch and Indonesian on 21570 & 15425 kHz, and 21480, 17810, and 6020 kHz, from 1230-1350 in Dutch on 21570, 15425, and 6020 kHz. In Indonesian on 21480 and 17810 kHz. In English to SEASia from 1400-1520 on 21480, 17810, and 6020 kHz. In Arabic to the Middle East from 1400-1520 on 21570 and 15425 kHz. In Dutch to South and East Africa from 1700-1820 on 21570 and 15220 kHz. In Arabic to North Africa and Europe from 1700-1820 on 11730, 9715, and 6020 kHz. In Dutch from 1830-1950 to North and Central Africa on 9715, 6085, and 6020 kHz. In English from 1830-1950 to Africa on 21570, 15220, and 11730 kHz. In French to Central Africa on 17810 kHz. In Dutch to West Africa from 2000-2120 on 17810 kHz. In English to Europe on 9715, 6085, and 6020 kHz. In French to West Africa on 21570, 15220, and 11730 kHz. From 2130-2250 in Dutch to South America on 15220 kHz. In Spanish to Spain and North Africa on 17810, 9715, 6085, and 6020 kHz. In English to ECNA on 15425 and 11730 kHz. In Dutch from 2300-0020 to South America on 11730 and 9715 kHz. In Dutch from 2300-0030 to Neth. Antilles and Surinam on 6085 kHz. In Spanish to South America on 15425, 15320, and 6020 kHz. In Spanish and English from 2330-0110 to North, Central, and South America from Bonaire on 800 kHz (Medium Wave). From 0030-0150 in Dutch to ECNA on 9590 kHz. In Spanish to NA on 6085 kHz. From 0200-0320 in English to ECNA on 11730 kHz. In Spanish to South America on 9590 kHz. From 0330-0450 in Dutch to WCNA on 9590 kHz. In Spanish to Mexico on 11730 kHz. From 0500-0620 in English to WCNA on 11730 and 9715 kHz. (Radio Nederland Wereldomroep, Hilversum, Holland, direct and via John Figliozzi, and Rudy Menna).

Kol Israel sends the following current schedule: To Africa, Europe, and the United Kingdom from 2015-2030 in English on 9009 and 9725 kHz. From 2030-2045 in English on 9725 kHz. From 2045-2100 in English to Europe on 9009 and 9725 kHz. From 0400-0415 to USA and Canada on 9009 kHz. Other transmissions are on 9725 and 9009 kHz in Yiddish from 1600-1630 and 1830-1900. In Russian from 0430-0445, 1530-1600, 1700-1730, 1930-2000, and 2145-2200. In Persian from 1630-1700. In Hungarian from 1730-1745. In Rumanian from 1745-1800. In Ladino from 1800-1815. In Mograbit from 1815-1830, and In Hebrew from 1900-1930. (Kol Israel via Joseph A. Breton, Mass.)

Al Sizer reports that the Brazil Council of Information reports that Radio Nacional, Rio, on 11795 and 9720 kHz is currently broadcasting a program in Spanish from 2215-2300, Rio time, and hopes soon to add programs in English and French. Sponsorship is by the coffee industry and the Ford Foundation.

Al also reports that the VOA relay station in the Phillipines is soon to be broadcasting with 250 kw transmitter. Frequencies are 11875 kHz from 1500-1700, 11930 kHz from 0745-1100, and 15165 kHz from 2145-0200.

As of May 4, Radio Sweden has installed these changes in its English sked: To the Far East at 2245 on 15155 kHz; to NA at 0030 and 0200 on 11950 kHz, and to South Asia at 1400 on 17840 kHz. (John A. Figliozzi, New York).

Belgian Radio operates till Sept. 7th to North America with the following sked: From 2205 on 11715, 9550, and 9615 kHz; and at 0050 on 11715, 6125, and 9615 kHz. (Rudy Menna).

Radio Canada has installed these frequencies until Sept 7th: To Africa (0715-0745) 11970 replaced by 21610 kHz. Europe (0715-0745) 5990 kHz replaced by 11765 kHz., and to Europe USA, and Caribbean (2200-2330) 11945 replaced by 17720 kHz. (John Figliozzi)

Well, that's all for this month--73's, Dan Henderson



LOG REPORT

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Deadline 15th of Month

ALL TIMES ARE GMT

- 3250 S.AFRICA SAEC Home Svc, ads, Eng/Afrikaans, from 0230 tuning. Many pops. Uneasy copy (Niblack)
- 3315 MARTINIQUE ORTF, Fort de France, s/off w/anthem at 0231; good lvl (R.Anderson)
- 3360 GUATEMALA LV de Nahualá, Nahualá, periodically out from under the heavy QRM. Clear ID 0209 preceded by some sort of lesson given by a woman. (Dexter)
- 3370 MALAGASY R.Universite, Fr armts, light orch. mx around 1735, 26 April (Padula)
- 3373 MOZAMBIQUE L.Marques, "World Tomorrow" 2030 in Eng, //4762, also hrd; s/off 2100 (Padula)
- 3380 GUATEMALA R. Chortis, 0240 Sp; ID & nx 0258; off 0304. Noted as early as 2350 (Ferguson)
- 3395 VENEZUELA R.Universidad, 0250 in Sp; good lvl, but distorted (R.Anderson) Frequent IDs between news items from 0325 tuning; Spanish (Niblack)
- 3985 SWITZERLAND SBC, European Svc, classical music 2050 (Padula)
- 4651 ECUADOR R.Dif. del Ecuador, Spanish & LA mx 0150 (Ferguson)
- 4679 ECUADOR R. Nacional Espejo, Sp 0520. Runs past 0600 (Ferguson) 0431 Sp ID & ads (Akins) 0330 (Merville-de Chêne)
- 4712 ECUADOR R.Luz y Vida, Spanish 0310 (Ferguson)
- 4725 BURMA What is thought to be Burma heard some mornings around 1135 when in native lang with native music. Severe SSB QRM at times (Niblack)
- 4739 ECUADOR R. El Mundo, Spanish 0215 (Ferguson)
- 4750 CONGO (DR) Lubumbashi, Afr mx, Fr talk, 2115, //5958, also hrd (Padula)
- 4753 COLOMBIA CARACOL, Bogota, "Em. Nueva Mundo" 0330, poor (Akins)
- 4755 BRAZIL Rdi Difusora do Maranhão, São Luiz, mx & talk 0858 tune in (Dexter)
- 4765A CONGO REP RTC, French dialogue 0508 (Tuchscherer)
- 4772 VENEZUELA R. Bolivar, Spanish 0220; also 1020 (Ferguson)
- 4777 GABON Libreville, 0430 s/on in French; Afr mx (Sparks)
- 4780 VENEZUELA R. Carabobo, Spanish around 1020 (Ferguson)
- 4795 DOMINICAN REPUBLIC Onda Musical, Spanish noted 0225 (Ferguson)
- 4810 VENEZUELA R. Popular, Spanish 1020 (Ferguson)
- 4814 UPPER VOLTA Ouagadougou, French political talk 2110 (Padula)
- 4815 PERU R. Amazonas, fiesta music, ID & 0452 s/off (Sparks)
- 4820 ECUADOR Canal Manabita, moved here from 4817 & now suffers from heavy QRM; still has late program Saturday nights. (Sparks)
- 4820 HONDURAS HRVC, end "Hour of Decision" 0330 & request reports (Stark)
- 4835 MALI Bamako, French song 0503; then African mx (Tuchscherer)
- 4840 VENEZUELA R. Valera, Sp 1010 (Ferguson) Mx & Sp 0315 (Figliozzi)
- 4845 ECUADOR R. Cultura, pop mx & frequent IDs, s/off 0600 (Sparks)
- 4846 BOTSWANA R. Botswana, rel pgm 1830; s/off 1900 (Padula)
- 4860 VENEZUELA R. Miracaibo, Spanish around 0240 (Ferguson)
- 4865 BRAZIL R. Clube do Pará, Portuguese 0940 (Ferguson)
- 4870 DOM REP R. Comercial, ID 0405; fair to good after R.Universo s/off (R.Anderson)
- 4880 VENEZUELA R. Universo, s/on 1000 (Ferguson)
- 4890 SENEGAL Dakar, around 2130-2200 in French (Padula)
- 4890 PAPUA VLT4, Port Moresby, Eng 1127; US pop mx (Wilkner) 1144 time check; mx - game show, in English (Tuchscherer)
- 4890 VENEZUELA R. Dif. Venezuela, s/on 1000 (Ferguson)
- 4895A PERU R. Chanchamayo, Spanish 0240, (Ferguson)
- 4895A PERU R. Chanchamayo, Indonesian songs 1340, 30 Apr (Sparks)

- 4900 VENEZUELA R. Juventud, s/on 1000(Ferguson)
 4905 BRAZIL R. Relogio Federal, Portuguese 2330(Ferguson)
 4910 ECUADOR Em. Gran Colombia, Coke ad 0337(Ferguson)
 4915 GHANA Accra, music 2220; Eng nx 2245 (Ferguson)
 4920 AUSTRALIA ABC, Brisbane, pops 0935(Ferguson)Light mx 1243(Figliozzi)
 4923 ECUADOR R. Quito, Sp, Ecuadorian mx 0215(Ferguson) ID 0405(R.Anderson)
 4930 ECUADOR R. Casa de la Cultura, nx 0300; then "Musica Nacional de Ecuador",
 ID & 0330 s/off(Sparks)
 4932 NIGERIA NBC, Benin City, songs 2225(Ferguson) ID for "R. Nigeria 2125. Sked is
 different from that listed in WRTH(Padula)
 4940 IVORY COAST Abidjan, African music 2335(Ferguson);
 4940 VENEZUELA R. Yaracuy, Spanish 1010 (Ferguson) Strong 0345 w/mx & IDs(R.Anderson)
 4945 COLOMBIA R. Colosal, Spanish 1010(Ferguson) 0250(Miville-de Chêne)
 4950 MALAYSIA(Sarawak) R.M. Sarawak, good at 1125-1130 when noted with man giving
 a talk on the North Korean situation (Niblack)
 4960 MALAGASY Tananarive, excellent lvl 1750 w/pop mx, French(Padula)
 4960 VENEZUELA R. Sucre, news 1010, //4970 R. Rumbos (Ferguson)
 4965 COLOMBIA R. Santa Fe, Spanish 1010(Ferguson) Strong 0415 w/clear IDs, Sp mx
 (Koukol) 0120 Sp ID, LA mx(Lobdell) 0250(Miville-de Chêne)
 4970 VENEZUELA R. Rumbos, 0320 w/many IDs. Strong while RTTY gone(R.Anderson)
 0334 Spanish IDs, chimes (Akins)
 4972.5 CAMEROON R. Yaounde, French 2220(Ferguson) French 2200(Stark)
 4980 VENEZUELA Ecos del Torbes, Spanish 1010(Ferguson) 0115 Sp ID, LA mx(Lobdell)
 4990 VENEZUELA R. Barquisimeto, Sp 1005; s/off 0358(Ferguson)0245(Miville-de Chêne)
 4995 BRAZIL R. Brasil Central, Portuguese 0930(Ferguson) ID 0010, very strong sig.
 noted on numerous rechecks at big signal lvl; propagation conditions must be
 good. (Niblack)
 4995 PERU R. Andina, folk mx & ID, 0500 s/off, 7 May (Sparks)
 5010 CAMEROON R. Garoua, Hausa commentary, chants 2140(Padula)
 5010 DOM REP R. Cristal, Sp 2320; also, news 1004(Ferguson) Sp nx 0335
 (Miville-de Chêne) Sp talk 2349(Figliozzi)
 5015 GRENADA WIBS, English pops 2323(Ferguson)
 5020 COLOMBIA Transmisora Caldas, 0414 Sp ID, mx (Akins)
 5030 VENEZUELA R. Continente, 0355 Sp ID, chimes (Akins)
 5035 BRAZIL R. Anhanguera, sports 2325(Ferguson)
 5036 CENTRAL AFRICAN REPUBLIC Bangui, 2232 w/instrumental s/off anthem (Lobdell)
 5040 VENEZUELA R. Maturin, 0110 w/Sp ID byman; then talks(Lobdell)
 5045 BRAZIL R. Imperial, Portuguese 2335(Ferguson)
 5047 TOGO Lomé, fair 2255 w/mx, French(Koukol) Afr mx to 2300 s/off. Noted from 2200
 (iichalenska)
 5055 BRAZIL R. Cultura de Cuiaba, Portuguese 2345(Ferguson)
 5075 COLOMBIA R. Sutatenza, Sp 1005, //5095(Ferguson)
 5095 COLOMBIA R. Sutatenza, 0245 mx & ads; exc(D.Anderson) 0410(Miville-de Chêne)
 0338 Sp ID, very good(Akins)
 5875 HONDURAS LV de Honduras, pop mx & ID 0500 s/off(Sparks) 0300(Miville-de Chêne)
 5923A PERU(Tentative) What is believed to be R. Puno noted w/mx around 0300; seems to
 s/off 0400(Ferguson) 5925AV, Believe heard R.Puno ID 0120(Potter)
 5930 UNIDENTIFIED LA speaker noted 0310 under R. Prague(Dexter) Gerry, could this
 be the same station just above? Apparently does vary in fgy(DF)
 5945.5 NICARAGUA R. Zelaya, Bluefields, with many old US pops; infrequent IDs; from
 0100 tunings. Down in fgy from 5955A(Niblack) 0125 LA mx, Sp(Potter) Sp & mx
 around 0200-0300(Ferguson)
 5965 BRAZIL R. Guizela, Portuguese 0200(Ferguson)
 5970 CANADA CBC, English to Pacific (Miville-de Chêne)
 5970 COLOMBIA R. Horizonte, Spanish 0930(Ferguson) Sp ID 1030(Potter)
 5980 GUYANA R. Demerara, Indian 0945; ads, (Ferguson)
 5995 COLOMBIA LV del Pueblo, mx 1040; ID 1052(Ferguson) 0940 mx (Randall)
 6000 BRAZIL R. Inconfidencia. Belo Horizonte, Port 2330(Wilkner) Port 1055(Ferguson)

- 6000 CANADA CFCX, Montreal, 2230 w/ID, nx(Koukol)CFCX, 2300(Miville-de Chêne)
 6005 CANADA CFCW, Montreal, noted 2300-2330. Clearly ID as CFCW, though WRTH lists as CFCX(Steen) My WRTH(1969) lists CFCW, but it has always been CFCX as far as I know. Did you mean 'clearly IDd as CFCX'? (DF)
 6005 W.GERMANY RIAS, Munich, German 0535(Ferguson)
 6010 CANADA CJCX, Sydney, pop mx 2221(Figliozzi)Nx, ads, mx, 2310(Randall)
 6015 BRAZIL R.Cl. do Pernambuco, mx, anmts, IDs; peaking well around 0230(Dexter)
 6020 MEXICO El Eco de Sotavento, Sp 0530(Ferguson)
 6025 PORTUGAL R.Portugal, Eng 0205(Miville-de Chêne)
 6030 CHILE R.Mineria, football 0210(Miville-de Chêne)
 6040 COLOMBIA LV del Tolima, Sp 1035(Ferguson)
 6040 W.GERMANY VOA, Munich, s/on 0300 w/local ID for Munich. Rechecked(Niblack)
 6045 BRAZIL R. Clube Paranaense, Port 1035(Ferguson)
 6055 BRAZIL R.Panamerica, 0030 w/live futebol game(Lobdell)
 6060 CUBA RHC, Creole 0230; Sp noted 0340(Miville-de Chêne)
 6068A COSTA RICA R. Reloj, Sp 0100; anmt as R.Periodico Reloj. (Wilkner)
 6070 CANADA CFRX, Toronto, sports 0925(Randall) 2120(Miville-de Chêne)
 6075 COLOMBIA R. Sutatenza, ID & off w/anthem 0400, //5075, 5095(Ferguson)0930 with a strong signal(Randall) 0335(Miville-de Chêne)
 6075 W.GERMANY D.Walle, 0130 Eng to NA; poor(D.Anderson)
 6075 S. AFRICA R.RSA, Eng to NA 0030-0120(Soneff) 0030 Eng to ENA(Akins)Eng to NA 2330(Miville-de Chêne)
 6080 USA VOA, Gvl, s/on Bulgarian 0345(Miville-de Chêne)
 6090 LUXEMBOURG R. Luxembourg, German rel pgms 0400-0515(Ferguson)
 6095 IRAQ Baghdad, Fr ID 2138(Stark)
 6100 PORTUGAL? Unid time stn ancing as Observatorio Naval Portugesa. Tone w/time pips 0450 through Voice of Germany (Dexter)
 6105 W.GERMANY RFE, Biblis-6, 10 kW, begin Polish 0400(Miville-de Chêne)
 6105 MEXICO Sistema R. Yucatan, fair 2115-2145 w/Sp & LA mx(Potter)
 6115 BRAZIL R. Tamoio, Portuguese 0950(Ferguson)
 6125 BELGIUM RTB, Eng 0100(Wilkner)
 6130 CANADA CHLX, Halifax, 0500-0520(Steen) What did you hear?(DF)
 6130 ECUADOR HCJB rel pgm 0500, //11910(Ferguson)
 6130 GHANA R.Ghana, Eng nx 2200, strong(Potter)
 6135 INDONESIA(Borneo) RRI, Samarinda, 1400 ID & Indonesian nx, Indon. mx(Sparks)
 6135 S.AFRICA R.RSA, new fgy, good at 2150 s/off(Potter)
 6140 BURUNDI Bujumbura, 0404 Afr mx; French mx 0415; poor(Tuchscherer)
 6155 AUSTRIA OR, 0200 s/on w/multi-lingual ID. Nice mx (Steen)ID 0200(Miville-de Chêne)
 6170 VENEZUELA R.Nac. Venez., 0015 classical mx w/Sp anmts(Michalenka)
 6195 ALBANIA Tirana, Eng to NA 0345-0355(Steen)
 6195A TUNISIA Tunis, Arabic 0505(Ferguson)
 6195 NETH ANTILLES TWR, new fgy, German to Brazil 0900(Padula)
 6250 EQ.GUINEA(Fernando Poo) Santa Isabel, good 2300 w/tone, ID; off 2306 w/anthem (Koukol)
 7105 ASCENSION IS BBC, French to Afr 0630; WS 0700, good(Padula)
 7105 THAILAND Thai TV Co., 1100 w/native Thai instrumental mx(Lobdell)
 7115 THAILAND Bangkok, lang talks 1130(Lobdell)
 7118.5 INDONESIA(Bali) RRI, Denpasar, 1020 Indon(Ferguson) 1015-1045 w/instr. mx & some pop mx. M & W annrs. (Wilkner)
 7 ENGLAND BBC, Bulgarian 0445(Randall)
 7120 TAIWAN BCC, Taipei, end Jap & off 1020(Ferguson) Talk by YL before 1020 s/off Some instrumental mx. // 9685 & 11825(Wilkner)
 7139 INDONESIA(C24) RRI, Ambon, Indon. 1015(Ferguson)1010-1031 M & W annrs in mx pgm. Loud blast from a horn at 1024(Wilkner)
 7140 CYPRUS BBC, Limassol, 0310 Eng. Local ID 0320(Steen)S/on Eng w/World Service at 0258(Lyon)World Svc noted 0434(Akins)

- 7145 MALAYSIA(Sarawak) R.M.Sarawak, native languages 1015-1045. Change lang at 1030. Into Iban acc to WRTM.(Wilkner) Malay1025(Ferguson)
- 7160 MALAYSIA(Sarawak) R.M.Sarawak, 1020-1030 instrumental mx(Wilkner) Chinese 1030 (Ferguson)
- 7165 RYUKTU IS. VOA, Okinawa, Eng 1040(Ferguson) Eng w/Morning Pgm 1110(Wilkner)
- 7170 NEW CALEDONIA Noumea, French 1100(Wilkner)
- 7170 SINGAPORE R. Singapura, Tamil 1030(Ferguson)
- 7210 ENGLAND EBC, French to Africa 0430(Miville-de Chêne)
- 7225 MOROCCO Rabat, Fr play 0745, regular(Padula)
- 7245 ANGOLA R. Angola, Port talks, songs, 2330(Padula)
- 7245 S.VIETNAM VTN, Saigon, Viet 1035; flutter(Ferguson) n&w in Viet at 1045 under the hams(Wilkner)
- 7260 ENGLAND BBC, WS, Eng cmtry w/s/off 0430(Randall)
- 7268.5 INDONESIA(Java) RRI, Djakarta, Indonesian 1035(Ferguson)
- 7300 ALBANIA Tirana, Eng 0340(Estand)
- 7302M BIAFRA "Voice of Biafra", here from 2330 tuning, with native mx. Eng by YL anncr, till 2350 tuneout. In steady use, probably 10 kw(Niblack)
- 7325 ENGLAND BBC, WS 2310; Indonesian 2315(Miville-de Chêne)
- 7330 BYELORUSSIAN SSR Minsk, Eng nx & mctry 0000(Tuchscherer)
- 7345 CZECHOSLOVAKIA Prague, Eng to NA 0100-0155(Steen)Eng cmtry 0313(Akins)
- 9009 ISRAEL Eol Ksrael, test to NA in Eng 0400-0416 s/off(Fejza)Soneff)Steen) Randall)Miville-de Chêne)
- 9300 CHINA Peking, Eng 1230; good lvl(Pyatt)
- 9360 SPAIN RNE, 0145 Spanish(Miville-de Chêne)
- 9475 EGYPT Cairo, Eng to ECNA 0245-0300. News & mntry(Steen)Eng nx & mx 2205(Randall) 0015(Miville-de Chêne)
- 9504 PERU R.America, new freq, from 9511, pop mx, ID & 0600 x/off, //6011. Powerful signal(Sparks)
- 9505 DOM REP HISD, Sp 1530(Wilkner) Eng/Sp ID 2010(Potter)
- 9505 JAPAN NHK, Eng talk on economics 0610(Estand)
- 9510 VENEZUELA R.Barquisimeto, LA mx 1530(Wilkner)
- 9515 MEXICO, LV de America Latina, Sp 1530(Wilkner)
- 9520 DENMARK, R.Denmark, Eng 0200-0215(Randall)
- 9525 S.AFRICA R.RSA, Eng to Afr 0430(Miville-de Chêne)
- 9535 SWITZERLAND SBC, Eng to NA 0130-0200(Steen) Eng 0200(Miville-de Chêne)
- 9540 CZECHOSLOVAKIA Prague, Eng to NA 0100-0155(Steen) Eng 0335(Miville-de Chêne)
- 9545 W.GERMANY D.Welle, Eng nx 0430-0500; comment on Eisenhower(Marshall)Music & talks 0220; excellent(Randall) Eng to NA 0435(Miville-de Chêne)
- 9550 BELGIUM RTB, Eng 2205-2215(Randall)
- 9550 PERU R.Nac. Tumbes, pop American records, ID & 0500 s/off(Sparks)
- 9555 PHILIPPINES VOA, Eng to Asia 1300(Figliozzi)
- 9565 RWANDA D.Welle, Kigali, Eng 0455(Akins)
- 9570 ROMANIA Bucharest, Rumanian 0330(Miville-de Chêne)
- 9575 ITALY RAI, s/on Russian to Eur 0330(Miville-de Chêne)
- 9580 NICARAGUA R. Mar, Puerto Cabezas, Sp 1530(Wilkner)
- 9600 E.GERMANY RBI, s/on Port to Brazil 2315(Miville-de Chêne)
- 9600 UZBEK SSR Tashkent, Eng 1200-1230(Pyatt)
- 9610 AUSTRALIA ABC, Perth, VLX9, 1200 now clear on ECNA(Pyatt)
- 9615 BELGIUM RTB, Brussels, Eng nx to NA0050-0100 s/off(Steen)
- 9615 COSTA RICA LV de la Victor, often from 2300 w/great signals(R.Anderson) S/off 0608, excellent signal(D.Anderson) 0145 Sp ID during light-classical mx pgr.(Michalenska) 0130(Miville-de Chêne)
- 9615 VATICAN Vatican Radio, Eng religious news to NA 0050-0100 s/off(Steen)
- 9625 CANADA CBC, Eng to NA 2300-2330(Steen)Eng 2300 & 0830(Miville-de Chêne)
- 9630 CZECHOSLOVAKIA Prague, 0100-0155 Eng(Soneff) Sp to LA 2315; Eng 0155 s/off; also, Eng 0340(Miville-de Chêne)
- 9645 VATICAN Vatican Radio, Eng to ANZ 2205(Miville-de Chêne)

- 96 ASCENSION IS BEC, 0400 s/on Eng to S.Africa, 12 May(Murray)
- 9650 GUINEA Conakry, Fr talks, Afr tunes 2215-2245(Padula) Good 2205 w/Afr, chants (Koukol)
- 9655 CUBA R. Habana Cuba, Eng to LA & NA 0300-0325(Steen)
- 9682 ARGENTINA RAE, Sp ID 0100, then nx (Koukol) Japanese 0900-0915(Randall)
- 9685 BRAZIL R.Gazeta, strong 0032 w/Port ID, futebol ad, Port mx, US pops(Koukol)
- 9690 CHILE LV de Chile, S-9 at 2340 w/time, ID, Sp mx(Koukol)
- 9690 ROMANIA Bucharest, new fgy, Fr 2130; Ger 2200; well hrd(Padula)
- 9700 BULGARIA Dofia, Eng to NA 0000-0059(Soneff)Eng to NA 0000-0020(Steen)Nx & music 0405-0420(Randall)
- 9705 S.AFRICA R.RCA, 0025IS; s/on Eng to NA 0030(Estand)
- 9715 NETHERLANDS R.Nederland, 2130 s/on Sp to Spain(Miville-de Chêne)
- 9755 NETH ANTILLES TWR, S/off Eng 0515(Padula)Arabic(?) to 0515 when s/off w/Eng ID(Randall)
- 9770 AUSTRIA OR, Eng ID 0100(Randall)
- 9780 ALBANIA Peking Relay, Eng to NA 0300(Padula)
- 9833 HUNGARY Budapest, Eng 0320(Miville-de Chêne) IS 0325; s/on lang 0330(Estand)
- 9912 INDIA AIR, Delhi, GOS to Eur in Eng 2203(Figliozzi)
- 11620 INDIA AIR, Eng to Europe noted 1945; utility QM(Lobdell)
- 11715 SWITZERLAND SBC, Eng to WCHA 0445 s/on, //9720, 12 May(Murray)
- 11720 ARGENTINA RAE, drift from 11710, French news 2210(Padula)
- 11725 CONGO REP Brazzaville, ORTF Eng nx 0515(Soneff)
- 11730 ETHIOPIA ETLF, s/on after drum IS at 0300; Eng ID; French & pops(Koukol)
- 11730 NETH ANTILLES, R.Ned., B.N., S/on Eng to NA 0500(Murray)Sked to 0620(DF)
- 11740 MEXICO XEIP, exc lvl 1930-1945 Sp.(Potter) 0100 ID, fqys, Sp mx (Koukol)
- 11740 VATICAN Vatican Radio, S/on Sp 0030(Randall) Eng Eng 1830(Miville-de Chêne)
- 11770 VENEZUELA R. Monagas, Sp ID 1457; good lvl(Ferguson)
- 11780 CANADA CBC, new fgy, ex 5990, French nx 0700(Randall)
- 11785 IRAQ Baghdad, Arabic 0330 w/ID & Arab mx (Koukol)
- 11795 W.GERMANY D.Wille, Eng news 1900(Stark)
- 11795 USA WJNB, Eng ID & fgy information 2148(Akins) Eng 2100(Miville-de Chêne)
- 11800 CANARY IS RNE, strong 1952 w/IS(Potter)US mx 0250; Afr mx 0300-0330(Pejza)
- 11800 CEYLON R. Ceylon, instrumental music 1100(Wilkner)
- 11800 GHANA R.Ghana, 1930 French to Afr(Potter)
- 11805 BRAZIL R.Globo, good 2214 w/Port talk(Koukol) Port noted from 0100 tune in to 0130 tune out(Soneff)
- 11810 INDIA AIR, Delhi, good at 1330 w/Eng comment(Potter)
- 11810 ITALY RAI, Rome, Eng nx 0100-0120(Soneff) Italian to NA 2231(Figliozzi) S/on Italian 2230(Miville-de Chêne)
- 11813 EGYPT "Ici le Caire" 0125-0200 w/Fr & some pops; nice lvl. New frequency, possibly testing (Wiblack)
- 11820 LEBANON Beirut, Eng nx & mx 0230(Tuchscherer)light mx 0230(Figliozzi)
- 11820 MEXICO El Heraldo de Sonora, fair lvl 1500 s/ID & Mexican mx(Ferguson)
- 11825 TAHITI R.Tahiti, Papeete, good 0320 w/what seemed to be Eng lang lessons. Tahitian ID 0330(Koukol)
- 11835 ALGERIA Algiers, French news 2000(Miville-de Chêne)
- 11835 HAITI R.4VEH, Eng 1900; fair(D.Anderson)
- 11850 MALAYSIA(Malaya) BBC, Tebrau, World Svc 0000-0030(Miville-de Chêne)
- 11850 NORWAY R.Norway, end Eng 0028; change to 11735(Randall)
- 11850 RSFSR(Eur) Kazan, s/on 2200 in lang(Koukol)
- 11855 SAUDI ARABIA Jeddah, s/off 2245 w/ID, anthem after Koran(Koukol)
- 11865 SWITZERLAND SBC, new fgy, Eng 1930-2030(Potter)
- 11866 CONGO(DR) Lubumbashi, French 1735 & 2030 & 2100 s/off(Miville-de Chêne)
- 11870 POLAND Warsaw, Eng 0315-0345 (Soneff) Eng to NA 0315-1345 Fridays only(Steen) Polish 0310(Miville-de Chêne)

- 11875 NICARAGUA R.Dif. Nac Nicaragua, Sp 1500(Ferguson)Relay CBC Spanish pgms at 2256(R.Anderson) Excellent 0355 s/off w/full ID, anthem(Koukol)Several IDs 0500; continued w/pops(Tuchscherer)s/on around 2200. Also, 0050 w/ads (D.Anderson) 0340 Sp nx & s/off 0400 w/full ID & anthem(Michalenka) 0457 ID mentioning 620 & 11875 kHz. "Voz Oficial del Estando"(Hauser)Spanish 0530. S/off 0558(Murray)
- 11875 S.AFRICA R.RSA, Eng to NA 0030-0120(Steen)Eng to Eur 1945(Miville-de Chêne)
- 11880 SWITZERLAND SEC, Eng to Africa 1815(Miville-de Chêne)
- 11885 INDIA AIR, Delhi, 1230 Eng weather & nx(Akins)
- 11885 NETH ANTILLES TWR, 0430-0445 s/off w/Eng to S.Africa. New fqy?(Tuchscherer)
- 11890 E.GERMANY REI, End Eng to NA 0310(Miville-de Chêne)
- 11900 SEE MAY LOG REPORT. Don Jensen informs that FEBC, Manila, at times uses the ID:"R. International". Possibly it was FEBC on this fqy with a test(Niblack)
- 11900 USSR R.Kiev, Eng to NA 0045-0100(Steen)
- 11900 TUNISIA Tunis strong here at 0530 in Arabic(R.Anderson)
- 11903A INDONESIA(Java) R.Angkatan Udara, Indon. mx 1125; fading; separable from Malaysia on 11900.(Potter)
- 11910 ETHIOPIA ETLF, Eng ID 1830 & into Hausa (Miville-de Chêne)
- 11910 HUNGARY R.Budapest, strong 1935 in English(R.Anderson)Eng to NA 0100-0130 (Steen)Eng DX pgm 0100(Randall)
- 11920 FRANCE ORTF, Sp to LA 0230(Figliozzi)
- 11920 IVORY COAST Abidjan, excellent w/African mx 2315(Koukol) 2341 native folk mx // 4940(Lobdell)
- 11920 KUWAIT KES, pop mx 1810(Figliozzi)Eng 1735; s/off 1900(Miville-de Chêne)
- 11925 BRAZIL R. Bandeirantes, hrd after Pakistan s/off at 2030. Fast talking Port pgm. Also, through D.Welle at 2220. Many years since Brazilians on 25 meters heard here in Australia as early as 2050(Padula)
- 11925 UZBEK SSR Tashkent, Eng 1200-1230; 9600 inaudible(D.Anderson)
- 11935 PORTUGAL R.Portugal, Eng to NA 0215-0245 s/off(Steen)Eng 0208(Akins)
- 11940 ROMANIA R.Bucharest, Eng to NA 0130-0200(Steen)Sp to Europe 1901(Figliozzi)
- 11945 ENGLAND BBC, European Svc, Eng nx 2100(Miville-de Chêne)
- 11950 SWEDEN R.Sweden, new fqy, Eng to NA 0030(Potter)Sked 0000-0230 w/Eng at 0030-0100 & 0200-0230(DF) 0030 Eng, NF, occasional slop-over(Michalenka) Eng to NA 0030 & 0200, ex 11915(Figliozzi)
- 11950 UKRAINAIN SSR "R.stantsiya Rodina" 0055 in Russian(Potter)
- 11970 GRENADA WIBX, 0100-0140 Eng rel pgm & nx(Steen)
- 11990 CZECHOSLOVAKIA Prague, French 1845 PTP QEM(Miville-de Chêne)
- 12005 EGYPT Cairo, French to Europe 1930(Miville-de Chêne)
- 12095 ENGLAND BBC, World Svc 1715(Miville-de Chêne)
- 14460 RYUKYU IS, VUNC, oriental lang 0615;(Murray)
- 15019 N.VIETNAM Hanoi, Vietnamese & Viet mx 1320(Randall)
- 15040 CLANDESTINE R.Euzkadi, Sp anmts 2035(R.Anderson)2308 Sp ID(Akins)
- 15045 ECUADOR HCJB, parasitic 70 kHz down from 15115; weaker than 15115, but quite readable when not QR'd by Sky King network 0340(Hauser)
- 15060 CLANDESTINE R.Euzkadi, ID 2020; moves to avoid jammer(R.Anderson)
- 15080 INDIA AIR, Bombay, Eng nx by man at 1800(Lisanti)1631 Indian mx(Akins)
- 15088 EGYPT Cairo, strong lvl from 1800 tunings, thru afternoon past 0000. In Arabic(Niblack)15090, Arabic 2235(Murray) 15090, Land ID 2300(Estand)
- 15095M LIBERIA ELWA, here 2000 w/ID & rel pgms, 23 Apr. Another new fqy(Niblack)
- 15105 BRAZIL R. Raíal, "A Voz do Brazil" pgm at 2215, well heard(Padula)
- 15120 FRANCE ORTF, Fr variety pgm 0740, //17720, 17730, 17850, 15295, 15135, 21580, 6175;(Padula) 2100(Miville-de Chêne)
- 15120 VATICAN Valdem Radio, 1500-1515 Eng nx by female, strong sig(Lisanti)
- 15125 PORTUGAL R.Portugal, strong 0208 w/Eng entry(Koukol) Eng to NA 0200, ex 9680 (Lobdell) 0200-0245 Eng. //0025, 11935 both hrd(D.Anderson) Eng 0400-0430 (Marshall) English 0235(Miville-de Chêne) Eng 0355-0415(Estand)
- 15135 FRANCE ORTF, Spanish 0230, 11 May(Murray)

- 40 RSFSR(As) Moscow Eng 0332 w/ID & said was Asian relay. Listed as Petropavlovsk-Kamchatsky(Akins)
- 15145 E.GERMANY RBI, French ID 1810(Stark)
- 15150 USSR (Minsk or Omsk?) Eng nx 2200(Tuchscherer) Eng 0150(Akins)
- 15155 LIBERIA ELWA, 1900 w/Fr ID; anned to Eq; Afr.(R.Anderson)
- 15160 AUSTRALIA RA, new fqy, to Pacific 2000-0830; severe QRM from Ankara. Clear channels in this band very difficult to find(Padula)Eng 0500(Randall)
- 15160 TURKEY Ankara, s/on Turkish 0425(Ferguson) Lyon)Eng nx 2200-2230(Randall)
- 15165 DENMARK R,Denmark, 0015 test in Danish to NA; heavy QRM, but better than 9520 (Potter) 1245-1315 Eng; poor(Marshall) Test to NA 2328, 24 April; mx & anmts in Eng, Danish;weak & fluttery, heavy splatter from Bethany on 15160(Hausser)
- 15165 SYRIA Damascus, good at 2035 w/Eng nx by gal(Koukol) 2000 Eng cmtry; then old pops(Lobdell)
- 15170 JORDAN Amman, 0012 Sp, Arabid ID; then Arabic nx. S/off w/anthem 0030(Koukol)
- 15180 ASCENSION IS BBC, excellent in Sp 0310 w/nx to SA(Koukol)
- 15185 ECUADOR HCJB, parasitic here, too; 70 kHz above 15115; barely audible, above BBC at 0340, 3 May(Hausser) #ng 0557, weak(Murray)
- 15185 FINLAND OYA, Pori, Eng mailbag 2318(Potter)Eng 1800-1830; fine lvl(Niblack) Eng to Eur 1800-1830(Lyon) Eng 2300(Randall)Eng to Europe 1830(Miville-de Chêne)
- 15190 CANADA CBC, Eng 2300-2330; then Portuguese(Miville-de Chêne)
- 15190 CONGO REP Brazzaville, ORTF Fr nx 0500; new fqy this time(Padula)
- 15200 VATICAN Vatican Radio, Sp to LA 0030(Pyatt)
- 15210 AUSTRIA OR, IS at 2000; fair signal(R.Anderson)s/on 1800 w/multi ID(Stark)
- 15210 VATICAN Vatican Radio, talk in Amharic at 1600. Strong(Padula)
- 15220 S.AFRICA R.RSA, end Eng to ANZ 1250(Randall)
- 15230 CEYLON R.Ceylon, Eng talk & mx 0158; BBC nx 0200; poor, under Cuba(Lyon)
- 15235 INDIA AIR, Delhi, 0100, often good w/nx & cmtry(R.Anderson)Eng nx 0100; talk on India, Pakistan; closed 0115(Lisanti)
- 15240 AUSTRALIA R.Australia, English; sports, news (Estand)
- 15250 ROMANIA Bucharest, Eng 0155(Randall)
- 15255 NETH ANTILLES TWR, s/off Eng 1530, new fqy, hrd on a Sun(Potter)
- 15275 POLAND Warsaw, Polish cmtry 0525; new svc, to Polish seamen 0500-0600. // 17865, also heard(Padula)
- 15285 VATICAN Vatican Radio, Eng 0050-0105 to NA(D.Anderson)
- 15300 NETH ANTILLES TWR, s/on Eng 2155; French 2200; new fqy(Potter)
- 15300 PHILIPPINES FEBC, Cantonese 1450(Ferguson)1320-1410 in Sinhalese(Potter)
- 15305 SWITZERLAND SBC, 0130 Eng to ENA(D.Anderson) Eng to ENA 0130 s/on(Murray) Swiss German 0235(Randall)
- 15315 SWEDEN R.Sweden, Eng nx 1100(Randall)
- 15320 AUSTRALIA R.Australia, ID 0750, QRM HCJB(Randall)
- 15350 LEBANON Beirut, 1830 ID & talk in English(Lisanti)
- 15360 CANARY IS RNE, Spanish talk & mx 0218; excellent signal(Lyon)0230-0300 Sp ID, pop mx(Akins)
- 15365 NIGERIA NBC, Eng nx 0600(Ferguson) Eng nx 0500(Lisanti)
- 15380 AUSTRIA OR, Eng talk by man 0015(Lisanti)
- 15400 ETHIOPIA ETLF, very good at 0430 s/on Eng, Arabic(R.Anderson) 1330 s/on Eng to India after drum IS(Nichalenska) Eng to India 1330-1400; then Tamil(Lyon)
- 15420 SPAIN RNE, 2305 Sp ID(Akins)
- 15425 USSR Moscow s/on 1700 w/German pgm(Niblack)
- 15440 PHILIPPINES FEBC, strong & in the clear at 1253 w/Eng nx(Koukol)
- 15455 BRAZIL R.Nacional, 0108 in Port; good(Potter)Port IDs 0230; LA mx(Tuchscherer)
- 15450 E.GERMANY REL, s/on Sp 2245 w/ID, pops(Koukol)0330 Eng to WNA(D.Anderson)
- 15510A PAKISTAN R.Pak. ID 2110 by woman; Eng nx to 2120; singing(Lisanti)
- 17705 W.GERMANY D.Welle, 1240 s/on Indonesian(Potter)
- 17720 RSFSR(Eur) Kazan, 1303 IS, s/cn Eng (Akins)
- 17740 IRAN Tehran, strong lvl, s/on 1725 w/ID to Russian at 1730. New fqy. New transmitter/(Padula)French 1930, 1935 Barry Glassberg via Al Niblack 1720-1800 on this new fqy with solid sig in Russ. Several IDs hrd.(Niblack)

- 17760 ECUADOR HCJB, 0100 w/Eng ID; spurious?very fuzzy(Potter)
 17770 NEW ZEALAND RNZ, 0355 Eng talk; sometimes QRM AFRTS, Moscow(R.Anderson)
 0400 weather forecast(Michalenka)
 17795 SWITZERLAND SBC, Eng 1815(Pyatt)
 17810 VATICAN Vatican Radio, new fqy, Sp 0000, strong lvl(Padula) New fqy, Eng 0050,
 strong(Potter)
 17820 AUSTRALIA P. Australia, 0330 s/on Eng to Africa(Michalenka)
 17820 CANADA CBC, Eng to Eur 1517(Akins)
 17830 E.GERMANY RBM, new fqy, Arabic cmtry 0530(Padula) Eng to Afr 2044(Akins)
 17830 SWITZERLAND SBC, Eng to 1600; then French(Miville-de Chêne)1533 jazz(Estand)
 17840 CZECHOSLOVAKIA Prague, 1530 Eng to Afr/As(Akins)
 17840 SWEDEN R.Sweden, new fqy, Eng to Asia noted 0535; French 0545, good level
 in Melbourne(Padula)
 17850 RSFSR(As) Moscow Eng to Pacific Coast 0340-0435 Khabarovsk?(Akins) Could be(DF)
 17855 JAPAN NHK, new fqy, general svc, Eng nx 0600(Padula)
 17865 SYRIA Damascus, 2332 w/Arabic music(Potter)
 17870 AUSTRALIA R. Australia, Eng nx, sports, mx 0350-0430; good(Marshall)
 17880 ROMANIA Bucharest, new fqy, s/on French to Eur 1130; mixed with Vatican,
 Moscow Asian Svc, BBC World Service, all here together. A real party!(Padula)
 17910 GHANA Accra, Eng nx, Afr mx, comment 1500-1530(Marshall)
 21455 NIGERIA Lagos, 1815-1830 English commentary(Akins)
 21565 VATICAN Vatican Radio, 1530 to Indian & SE Asia(Miville-de Chêne)
 21580 KUWAIT Kuwait, new fqy, ex-21680, Arabic chants 0730, //17795(Padula)
 21655 NORWAY R. Norway, Eng 1800 on Sundays (Wilkner)
 21670 EGYPT Cairo, Arab mx 1453, ID(Akins)
 21690 GRENADA WIBS, Calypso mx 2000-2030(Steen)
 21690 VATICAN Vatican Radio, s/on 1125 Eng to Australia(Padula)
 21705 W.GERMANY D.Welle, 1400 German to S. Asia(Michalenka)
 21710 ENGLAND BBC, World Svc to Afr/Medit at 1542(Figliozzi)
 21730 NORWAY R. Norway, Eng to NA Sunday 1600-1630(Steen)
 21740 AUSTRALIA R. Australia, Eng to NA 0200(Miville-de Chêne, Steen)
 23440 CANADA CBC Northern Svc, 2 x 11720, Northern Messenger at 0115(Hauser)
 23890 CANADA CBC, Eng nx 2305; 2 x 11945, also heard(Hauser)

 Special thanks to our REPORTERS.

Ron Akins, Sr., W0SIV, Mo. DX - 150
 Douglas Anderson, Fla. WR-60C
 Richard Anderson, Ill., HQ-200
 Gerry L. Dexter, Wis., HQ-18C
 Bob Estand, Texas, DX-150
 Dan Ferguson, Fla. SB-310
 John A. Figliozzi, N.Y., ?
 Glenn Hauser, Colo., HQ-160
 Craig C. Koukol, Ill., SX-130
 Alfred Lisanti, N.Y., HQ-160
 Christopher R. Loddell, Mass. SW-4A
 Ken Lyon, N.Y., Zenith
 Mrs. Mildred E. Marshall, N.Dak., SX-122
 Henry Michalenka, R.I., GR-54
 Alain Miville-de Chêne, P.Q., GR-54
 Bill Murray, Oregon, SB-310
 A.R. Niblack, Ind., SX-100II
 Bob Padula, Australia, CR-100
 Father Jack Pejza, Calif., SX-100
 David Potter, Fla. S-40B
 Ed Pyatt, Ga., RCA GR-10
 Harrison Randall, Mass., Telefunken

John T. Soneff, La., HQ-180A
 Bill Sparks, Calif., R-4B, HQ-180
 Chris Stark, N.S., S-120
 Dr. Paul M. Steen, N.Y., HQ-200
 John D. Tuchscherer, Wis., HQ-100A
 Robert L. Wilkner, Fla. SW-4A

 CORRECTIONS:

4850, March, s/off for Mauritania is 2230,
 not 2330(Koukol) My error(DF)
 17750, May, s/on time for Kuwait is 0400;
 sorry for the omission(DF)

 Last I knew, VNG, Australia, had standard-
 ized to 12000 kHz. (Hauser)

I could have listed just about every
 African on 60 mb, but limited myself to
 key items(Padula)

Not a large log this month, since summer
 conditions make tropical band DXing poor.
 (Sparks)

* * * * * FLASH

Last minit news/tips



SHEET * * * * *

Last minit news/tips

AL NIBLACK-EDITOR, 420 SHELBY ST., VINCENNES, IND. 47591. DEADLINE 23rd OF THE MONTH.

APRIL 1969: SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY, 5-4-69- 1-156
2-143 3-143 4-122 5-101 6-78 7-82 8-77 9-90 10-85 11-92 12-91 13-122 14-139 15-140
16-144 17-155 18-148 19-128 20-124 21-122 22-90 23-72 24-81 25-81 26-78 28-72 29-60
30-63. MEAN - - 105.2

PREDICTED: MAY-99 JUN-98 JUL-96 AUG-95 SEP-93 OCT-92 (Grady Ferguson)

(FLASH) AFGHANISTAN: Kabul noted 1800-1830, English to Europe on 15265, fair to good
lvl. Anncd parallel 11790, but not heard. (Calkin)

ANDORRA: (FLASH) SCDX reports this outlet to start regular English bcasts on 5995,
from 30 May, 2300-0300 with 25kW. To test 24 May at 0000 in English. (Hirst)

AUSTRALIA: Darwin current prgm, English 0030-1000 on 15355; from 1000-1230 on 6055;
and 1230-1330 on 9650, both the latter outlets in language. (Balbi)...RA replaces
15180 with 15160 from 2200-0830 in English. (Balbi)...21740 now 50kW to N. A., 0100-
0300. (Balbi)

BLAFRA: 7301 Radio Biafra observed S/on at 0500, by 0530 S-6 lvl on SW4A. (Calkin)

BOLIVIA: 6005 R. Progreso logged from 0906-0930 with lively native music, several
good IDs. (Tuchscherer)

BRAZIL: 3395 (FLASH) Logged 25 April, a supposedly inactive station, so listed by
FBIS, Radio Clube de Conquista, with many Portuguese IDs, commercials, and "big-beat"
music. Very clear IDs, have a tape. (Hagerman)...6000 R. Inconfidencia a power packed
signal in native after 2300. (Hagerman)

CONGO: R. Brazzaville now noted on 15445 in parallel with 15190 aith news in English
at 0515. 11725 noted at 0615. (Balbi)

DOMINICAN REP: 5010 R. Cristal heard with difficulty through strong hetrodyne and
RTTY with their Beast SPECIAL for DXers 0515-0615 in English, amncing winners of
their contest. Heard Bob Hagerman's letter read. (Hirst)...R. Cristal logged on two
nights on 5010 with good sigs, 0604-0609, and 0444-0518. (Kamp)

ECUADOR: 4875 La Voz Esmeraldas logged with good strength from 0434-0503 S/off.
Spanish music, whiskey ads, TCS, and several IDs. (Kamp)

EL SALVADOR: (FLASH) 9576.5 Found a station amncing as located at Santa Ana at 1630,
though the address was vy probably for the prgm. Prior to that at 1620 they were air-
ing religious music. (Dan Ferguson)

HAITI: (FLASH) 2410 R. Lumiere S/on at 1000, then follows with religious songs and
short speeches, good enough lvl, though QRN heavy. (Tuchscherer)

IRAN: (FLASH) 17740 Radio Iran is now using this fqy at 1930 in French, with para-
lled 15135. Noted with vy good sigs, slight QRM de R. Habana Cuba on 17735. (Glassberg)
...Observed 17742V, S/on at 1730, a new fqy. (Balbi)

JAPAN: NHK to WCNA, English, is now 0130-0230, on 21640, 17025, and 15195; Spanish
at 0230. General Svc to N. A. 17785, from 1900-0530; on 15105, 0600-0830, 1600-1830;
on 9505 from 0900-1530.

NORTH KOREA: English sked from Pyongyang reads: Near/Middle East/Africa: 1900-2000,
6540, 7580; 0400-0500, 6540, 15520. Southeast Asia: 0800-0900, 6540, 15520; 1100-1200
6480, 7580. (Calkin)

NETH. ANTILLES: Bonaire R. Nederland 4 May, on 15220 to Africa 1830-1950, English;
to ECNA, 0200-0320, 11730; to WCNA, 0500-0620, 11730; to New Zealand, 0630-0750,
11730, all in English. Dutch on 9590 at 0100. HAPPY STATION Prgm on Sundays. (Balbi)

KUWAIT: Radio Kuwait observed at 1600 S/on with IS, ID by YL, in English, then into
pops on a new fqy. Nice lvl. (Nihlack)

PLEASE TURN OVER

NEW ZEALAND: 6080 RNZ noted from 0820 to 0844 S/off with light music and an ID. (Tuchscherer)...RNZ heard to 0546 S/off on 15110 and 15280, good signal after 0200. (Balbi)... On 9520 Sundays to Antartica, 0815-0845; 0600-0845 on 9540, 6080. (Balbi) ...15110 RNZ noted as early as 0230 with rugby match, nice signal. (Hirst)

NICARAGUA: 11875 R. Nacional, Managua is noted steadily from around 0030-0050 checks, when in Spanish and music. (Ferguson)

PAPUA/NG: (FLASH) 3322 R. Bougainville (actually more properly Australian Solomon Islands) was logged 12 May at S-7 to S-9 lvl, with good readability. No QRM, vy little QRN, 1147-1205 S/off. Noted in Pidgin, then Pidgin ID, flutes IS, and an English ID as, "This is R. Bougainville Beasting from Kieta," Pidgin S/off, then GSTQ. Report sent. (Kamp)...A new outlet on 5985, with possibly call letters of VH9RA. (R. Nederland via Hirst)...A new outlet operating from Rabaul, operates from 2230 to 0530, relaying the ABC prgm of MW station 9RB, with call letters of VH9RA, states Richard Anderson, Ill., according to Radio Canada SW Club.

PARAGUAY: 11948A Radio Encarnacion has been heard recently with a fair signal on approximately 11948, at 0105. (Anderson)

PERU: (FLASH) Radio del Pacifico, Lima, found till 0303 S/off on 1675. Good strength but QRM'd a bit by VOA. Prgmng consisted mostly of religious music. Several clear IDs backed by a singing identification. (Dexter) (Good strength here in Indiana, Editor)... Radio Nacional del Peru, Tumbes, noted at 0330 with noticias of local import, fine lvl. (Schnabel)

PHILIPPINES: FEBC, Manila, 15300, heard with English news at 0900 in parallel with 11890; 15440 heard in language at 0900; 11920 heard in Russian 0845, Japanese to 1130, in language at 1500. (Balbi)

PORTUGAL: V.o.the West, 15125, English 0200-0245, 0345-0430, with 250kW. (Balbi)

SENEGAL: 7210A Dakar heard at 0720 with continous music till 0758 when gave IS, then into news in French. (Tuchscherer)

* SOUTH AFRICA: R. RSA to N. A. from 2330-0320 since 4 May, on new 5980, 6075, and 9705. (Balbi)

GILBERT & ELLICE IS: 4912.5 Tarawa has been heard practically every morning for the past 30 days. Their sked in my QSL lists Sats and Sunds until 0945, weekdays till 0920. As the So. Americans fade out, Tarawa takes over. Closes with GSTQ. (Hall)

VENEZUELA: (FLASH) 5050 Possibly new is R. Suria (R. Zuria?), Maracaibo; operating on R. Cultural's old freq of 5050. (R. Nederland via Hirst)

VATICAN: Vatican Radio to N. A. in Spanish, 0030; English 0050; French 0110, on new 17805, and 15285, 11785. (Balbi)

VIETNAM(NO): Voice of Vietnam airs English now on 11840, 9840, at 1000, 1300, and 1530; 15012V, now heard in language from 0900 to 1930, French to 2000, and English till 2030. (Balbi)

ERRATUM: Please see last month's FS- In re the Time Station operating on 6100 this is the Portuguese Naval Observatory Station. It is not the Argentina outlet as your Editor incorrectly suggested.

ACKNOWLEDGEMENTS TO ALL THOSE WHO SO KINDLY SUPPLIED MATERIAL FOR THIS MONTH'S

EFFORT: Richard Anderson, Illinois...August Balbi, California...Gregg Calkin, N. B., Canada...Gerry Dexter, Wisconsin...Grady Ferguson, N. Carolina...Dan Ferguson, Florida...Barry Glassberg, New York...Bob Hagerman, Michigan...Dr. F. Earle Hall, Mass...Del Hirst, Texas...Steve Kamp, Texas...Al Niblack, Indiana...George Schnabel, New York...John Tuchscherer, Wisconsin.

LAST MINUTE ITEM: QATAR: Radio Qatar's transmissions in Arabic can be heard from 0300 till 0530, Fridays until 0700; and, between 1300 and 1930, on 9570. (Otto Berner's DX Report from SBC)

Please double space between each item; please use one side of the paper only. Please do not send items to the Flashsheet that have been sent to other departments of FRENEX. Last minute items may be phoned to 882-3976 at 2100 GMT. Best DX to all,