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NORTH AMERICAN SHORTWAVE ASSOCIATION

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MARCH 1969

VOL.8 NO.3

NASWA HEADQUARTERS

POST OFFICE BOX 989

ALTOONA, PA. 16603

EXPECTATIONS

We of NASWA, as in all clubs similar related, are joined together in mutual interest of a common hobby. The partaking of activities, the support we give, the work we do for the club, is done for the benefit, not of any one individual, but rather for the benefit of all combined. It is the duty of each member to support the club by reporting to those columns/sections of the bulletins that he prefers to follow; It is the job of the section editors to make their works as worthy and interesting as possible; It is task of the Board of Directors to seek improvements in club and bulletins; It is the responsibility of the Executive Editor to hold all members and officers together unitedly and to effort in all possible ways, the keeping of the club motto by all. No one member, no one officer can succeed alone! Without sincere cooperation, understanding and true good fellowship, there is no club....there is merely a group of individuals.

The turnover of section editors is a common occurrence. In most instances of fact this is understandable. No one member, no one editor or officer can, nor should be expected to give up personal affairs in favor of hobby. Family, vocation and education are far more important! After all, a hobby is to be a pastime pleasure, not an avocation. Presently we seek an experienced, knowledgeable, worthy member to take on duties as a co-editor of our Log Report section. Although several were approached, none were willing to accept the task due they have not the necessary time required for the job each month (and it is a job!) Hereto then, NASWA asks all members who consider themselves qualified, to volunteer for the post. Send your resume to Hdqs. All will be screened by the Board of Directors and the one deemed best will be appointed.

Every club has a percentage of members who are more serious, have more time to give to the hobby; It is this percentage that keeps the clubs and hobby growing/improving. A number are members of more than one club, yet they lend support, give help to each. It is expected of them, but not demanded of them! They give support and help because they want to, because they care to. Alas it is sad they are so unappreciated by others. More members should consider that no matter they be new in hobby, no matter they be SWLs or DXers, they should do their best, be their best in giving support. Be helpful, be understanding, be friendly. Reduce the problems that so often confront Hdqs. Infest the hobby with plague of cooperation so that all will benefit mutually. Above all they should abide by the old Golden Rule "Do unto others as you would have them do unto you!"

..Bill Bidings

NEXT MONTH: The Annual Spring Competition will be announced. Plan now to enter and be part of our biggest contest yet. Its another way to support the club. Luck/DX to all!

Friendx is the official publication of the North American SW Assn. and is expressly for the SWL/DXer interested in International Shortwave Broadcasts. There are no subscriptions, only active, in good standing members are entitled copies other than samples or exchanges. Membership in NASWA is \$5.00 per year with 12 editions sent via 3rd class mail NA (surface/seamail overseas) or \$7.00 per year with 12 copies sent 1st class in NA. Airmail rates are available on request. This and all editions are made possible through the combined efforts and interests of bulletin staff, club officers and supporting members.

Executive Editor/Hqds, William Eddings
Shortwave Center Editor, Richard Wood
Log Report Editor, Dan Ferguson
QSL Report Editor, Gregg Calkin
NewsRoom Editor, Dan Henderson

FlashSheet Editor, Al Niblack
ANARC Reporter, Douglas Benson
Awards Chairman, Warren Nordgren
Contests Chairman, George Schnabel

Special Contributors, this month: Don Jensen, Barry Williams, David Meisel, Ed Shaw, Rog Harrington, Gerry Dexter, Glenn Hauser, Rod Williams, H. Price Kagey, Jim Hurst, Gunnar Carlsson, Dr. James Robinson, John Soneff, Don Billingsley, Robert Estand.

LATE NEWS/NOTES:

For the first time in seven years, NASWA will not handle the WRTM. Therefore, anyone who has not bought a copy, and who wishes to do so, we suggest they send \$5.95 to Gilfer Associates, Inc., Box 239, Park Ridge, N. J. 07656. Simply ask for a copy of the 1969 World Radio-TV Handbook. You might also ask for copy of their catalog. Also be sure to add 25¢ for postage and handling charges.

WNYW is no longer accepting nor renewing memberships from listeners in North America. Such action could turn many new/unexperienced SWLs/DXers away from the hobby.

The Cimbrer DX Club, Denmark, has put out a listing of the commercials (ads) heard on Latin American stations. Listing gives the Spanish and/or Portuguese spellings and then the English. It covers about 750 different ads which are frequently heard. DXers who would like a copy of this listing can have by writing the secretary of the club, Ivan Stensgaard, 8320 Maarslet, Denmark. Enclose 2 IRCs. Request copy of "Advertisements in Latin American Radio" Mention you read of in NASWA "Friendx".

Watch for announcement re the abbreviation list to be released by ANARC. It will be the most complete such list ever available to SWLs/DXers and will contain approximately twenty-five pages overall, covering all modes of listening.

Excuse lateness of recent bulletins, but ever since your publisher was abed with the flu, operations have been set back by about two weeks. All possible is being done to get back to regular sked.

Have you returned questionnaire that was in February bulletin? Do soon! Tis important!

THREE THINGS TO GOVERN.....

TEMPER,

TONGUE,

CONDUCT.

NEW MEMBERS....WELCOME!!!

Edward Tafel, Syracuse, New York
 Kenneth Cummings, Warrenton, Virginia
 Wallace Glavich, Eureka, California
 Robert Shepherd, Victoria, Australia
 Walter Mitchell, Dallas, Texas
 E.McDonald, Sr., Morgan City, Louisiana
 Clark Creamer, Rupert, Idaho
 Joseph Waz, Jr., Meriden, Connecticut
 Paul M. Steen, Brooklyn, New York
 Joseph Griffin, Hazel Crest, Illinois
 James Denyer, Jr., Van Nuys, California
 Dave Alpert, Morton Grove, Illinois
 Thomas Bispham, Haverford, Pennsylvania
 Robert Warner, Washington, D.C.
 Michael Northam, Beaverton, Oregon
 David Lyon, Wilmington, Delaware
 Mike Martin, Manassas, Virginia
 B.Hannetta Clark, Inglewood, California
 Frank Tyler, Kansas City, Missouri
 David Schapiro, Baltimore, Maryland

RENEWALS

Second year: Richard Sia, Petro Pryshepa,
 Ray Mas, William Thomas, Gil Huggins Jr.,
 Dr. Earl Hall, John Beggs, Al Lisanti,
 Rob Harrington, Dave Tenenbaum, Bill Via,
 Bill Berghammer, Mike Kemp, Lee Pointer,
 Robert Peritz, James Hurst. Third year:
 Frank Grochowski, Mike Kamp, Mike Baker.
 Fourth year: Leo Poirier, Steve Bohac.

PROPAGATION COURSE

Radio Nederland has given NASWA/ASWLC member Ed Shaw permission to administer its Propagation Course. This course would be most useful to newer SWLs/DXers, as well as those older who are not familiar with propagation. For full details, write Ed and enclose return postage for reply. His address is: 6350 Blanchard Road, La Mesa, California 92041.

FORMS AVAILABLE

Foreign Language report forms (Spanish, French and Portuguese, to send to stations) 10¢ each; QSL report forms, to send to QSL editor-NASWA, can be had from Gregg Calkin whose address appears in QSL section. Log report forms, for NASWA, from our Log report editor, Dan Ferguson,

* * * *

"There is nothing wrong with the younger generation that being parent wont cure."

CORRECTIONS

Those who have copies of the new-revised Country List, please make the following changes (due typographical errors). Kukeski should be Kukés; Columbia should be Colombia; Srinigar should be Shinagar; Malalos should be Malolos; Caltanissetta should be Caltanisseta; Tangiers should be Tangier. (Tnx REW)

ATTENTION PLEASE!

Time after time we have mentioned that members should send reports direct to the particular section editors, not to Hdqs. yet, each month there are reports for the Log or QSL sections sent to Hdqs. Kindly be alert to fact that this not only adds work to Hdqs, but also most times delays such reports reaching proper editor in that they must be forwarded. Too, it is an added expense being no forwarding postage is ever included with reports. This may seem like a trite matter to some members, but were they to consider that all administrative work, in addition to all publishing is handled at Hdqs, they would realize the importance. The names and addresses of each section editor are given in every edition of Friendx and it is (should be!) perfectly clear what reports should be sent to whom.

NASWA HELP SOUGHT

Consumer Research Inc. has informed us it is conducting a survey for a manufacturer interested in improving the design spec's and features of their multi-band receivers. In order to best find out what modifications would satisfy the needs of multi-band users, they wish to contact some NASWAers to find out their attitudes and preferences regarding various design characterists. Hdqs has asked several members to be good enough to participate/cooperate. In most instances, interviewees are usually paid by the organization making surveys.

NO MORE CDXC

It is now positively official, the CDXC-Canadian DX Club, is defunct. It has been admitted by former Prexy, Ralph Irace and confirmed by ANARC Exec.Secretary K. G. Scrimgeour. Alas, a once fine club is now no more. CIDXC is the only in VE-land.

Exclusive

Exclusive

the LOUDENBOOMER REPORT

Ya know, if there is one thing that really irks me it's all those phony stories in the popular radio magazines about so-called numbers stations.

One nationally known author says they are secret spy stations broadcasting instructions to cloak and dagger agents.

Nay, cries another writer who claims HE has the real scoop. He contends they are illegal stock market and banking transactions, radiod back from overseas.

Next thing you know, someone will try to make a case for the transmissions as scores of pinochle games between CIA agents and weathermen on Swan Island.

But only one person knows the real story, and if you cant guess who that is, then you are not a regular reader of this column. It is none other than me, Charlie L!

For months I'd been tuning, off and on, the Spanish language numbers stations in the 90 meter band. Like everyone else, I'd been puzzled about these broadcasts. What were they all about? What was the reason for them? Which, if any, of the factual backgrounds appearing in the magazines, were actually true? And one other thing kept me nagged; The announcers voice had a vaguely familiar ring that I just couldnt quite put my finger on. I was baffled. I couldnt remember just where I'd heard that voice before.

One night, after turning off the rx and climbing into bed, I lay there pondering the problem. In my mind, over and over, I could hear the familiar voice droning, "cinco-uno-cuatro-uno-siete, dos-uno-tres-ochocinco..." I wondered what the voice would sound like in English, not Spanish. So with a little bit of mental gymnastics I learned in the orient many years ago, I concentrated on what the voice of numbers would sound like in English.

Suddenly it came to me! Of course, it was Pierre Andre, the announcer who used to be heard on the old Little Orphan Annie radio program years and years ago.

Yes, it was the suave, debonaire voice of his alright. Then a wild, totally irrational thought entered my mind. Hoping against hope that it was still up in the attic, I tore up the stairs, rummaged through an old trunk, and, voila, came up with a battered tin disc....my old Orphan Annie decoder!

It was foolish, of course, to think that this small circle of metal, with the letter and number wheels, could somehow be linked to the numbers stations. It was all of 30 years old and even when new was only worth a dime. Furthermore, the old Annie adventure program was long gone from the airwaves and even poor old Pierre had left for that big studio in the sky.

Still I had to at least try. So I ran back to the DK den and switched on the rx. The voice was still counting.

"Cinco" it said, and I spun the wheel on my decoder. "Cuatro-dos-tres", it spoke, and I quickly jotted down the letters corresponding to the numbers.

D-R-I, I scribbled, N-K-H-O-T. Good grief, I said to myself, what is that, Russian? But then in a flash, the answer to the whole riddle came to me as I busily translated the last eight numerals that the radio voice droned...O-V-A-L-T-I-N-E!!!

Charlie Loudenboomer

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HELPING HAND SERVICE

For Sale: Hallicrafters SX-28A. Covers all frequencies 550kHz to 43MHz. Capacitors have been replaced with new mylar types and rx has been completely realigned. Has six bands, 15 tubes. Condition excellent physically and electronically. Reasonably priced. Write; Steve Bohac, 97 Shaler, Fairview, N.J. 07022.

* * * * *

QUESTIONNAIRE DATA

While it is still too early to know the overall results of last months questionnaire re our going to offset printing, those returned thus far show majority in favor yet not willing to pay added fee. Most are satisfied with mimeod bulletins in that they get more pages for less money; Are not interested in "fanciness".

* * * * *

Les ANARC Report

Foistest and must importancest, the entire bag of proposed ANARC Constitutional changes mentioned here last time has passed, with one small exception.

ANARC now has Associate memberships, minimal numbers of members for acceptance of a club into the association, all representatives must vote in a clubdom "power bloc", so to speak. There are a few other changes having to do with internal affairs, and one was forgotten in the ballot; The measure Calling for "one vote per 100 members", rather than each rep voting, theoretically, for each 150 members of his club as is now the case. (And there's nothing wrong with that...just that some clubs have more members than the present 450-member "maximum represented" ceiling, since up to three representatives are allowed office from each club.) So, the reps are now hashing that one over via vote. If the "forgotten" section passes, NASWA will be one of the most powerful, if not the most powerful, voting club within the association, simply because we've got so many members.... However, one thing then puzzles us....If each rep must vote as the club dictates, ie as a block vote, and the power of the club's vote is then determined by number of members en toto, isn't it plausible to assume that all the "2nd and 3rd" representatives will be just so much fodder? We can foresee, again with the assumption that the amendment passes, a cutback in the number of representatives, eventually to the point where one rep casts all his club's votes. And why not?

Now, with the passage of the new laws, ES Scrimgeour has declared that the following clubs no longer exist (under the new rules, a club failing to publish its bulletin for three months is out); Canadian DX Club and the Northeast Shortwave Listener's Club.

Chris Maslen, who suggested and got the nod as DX Census Committee chairman, is being relieved of that post by Phil Sullivan of Leominster Mass (a ECB DXer). Scrimgeour and Sullivan are proceeding full steam ahead to compile and announce method of distribution of, their questionnaire. IF you would like to take part in the survey on the number of DXers throughout North American hobbydom, drop us a line. We'll see that you get a chance to help.

The Man of The Year Committee will shortly get a new chairman.

Two choices in so far, reports Bruce Reynolds of the '69 Convention committee, from DXers who are interested in hosting the convention this summer. Route 2, Warrensburg, Missouri is the address if you'd like to add your town to the list.

Manufacturers' Liason Committee was advised by this writer via a news flash from NASWAer Art Poulis last month that Drake Company was thinking of dropping the SW4A receiver. Reports the MLC, such rumor circulated last summer also, and at that time Drake announced that such rumors were false. MLC charging ahead full tilt again in a joust with Drake. All details will appear here as they emerge.

The Abbreviations List is finally being run off. Would you beleive 25 pages??? Seems we DXers use a lot more standard abbreviations thn even we realize. NASWA BOD member and representative Gerry Dexter is running off this list, compiled by him over the past six months or so. Cost should be about a buck. We'lllet you know where to send subsequently.

Rog Camire of the Frequency Reccomendations Committee reports that entity running smoothly, with a number of stations being monitored and advised. Roger gives credit to his monitors (all NASWAers) Art Glover, August Balbi, Del Hirst, Al Niblack, Rod williams and SW Center Ed. R. Wood.

ANARC Report, page 2...

The QSL Committee reports success for the Voice of America transmitter identification campaign. Wood notes that many DXers wrote to the VOA, and, as you no doubt realize now, the VOA reinstated local transmitter IDs. Cards of thanks to the VOA, as a followup, might be in order notes chairman Dick Wood. Our personal thanks to each and every NASWAer who took the time to write to the "Voice".

The British Information Officer of DX station Radio Vila noted to the QSL Committee that he is taking steps to have a proper QSL Card printed along lines suggested by the QSL Committee. As a sidelight, the IO, one A. R. Worner, notes that IRCs are not required by Radio Vila. Thanks, from all NASWAers, to SW Center Editor Dick Wood, whose efforts once again go above and beyond the call of normal hobby duties for all hobbyists.

Dan Ferguson, NASWAer, sent this writer a suggestion for improving the DX Programs from stations. Dan mentioned plagiarism and just poor programming having little to do with the DXing hobby. ES Scrimgeour reports he has written Dan for specifics, and an advisory committee has been loosely formed to study the matter before any official action is undertaken. They conclude that there are two issues at stake 1.) Quality of the so-called DX Programs and 2.) Unauthorized use of club bulletin information on some of these programs. Some of the suggestions were that ANARC could tactfully bring this situation to the attention of the stations...that such programs are aimed at the vast general audience of technical "have nots"; the rank beginners, the greatest number of listeners. Notes one of the suggestors, Don Jensen; "I get the feeling that the stations believe they are giving the greatest number of listeners what they want...they are probably right, considering the relatively low level of DX sophistication of the average listener and reporter to the stations. I'm sure that we, not they, are the minority. Stations, however, can't be in the position of catering to the minority." Jensen then went on to say that perhaps some tactful ANARC work could be evolved. Dan, ES Scrimgeour seems to agree that we can surely do something about the plagiaristic tactics. He has called for club reps and officials to advise him whether their bulletins go to SW stations, and whether or not they have had difficulties along the lines you mention. One of the suggestors mentions, on this point, that he feels it be carelessness or thoughtlessness on the part of the station. Another notes that if a club be sending its bulletins for such usage, it should be up to that club to work out such details with the recipient station. A further idea, proposed by the Executive Secretary, is the possible compilation of a white list for DX Programs usable by the real DXers. I would suggest here that any NASWAers having views on this subject might contact the ES directly at 227 Hanna Rd., Toronto 17, Ontario. He seems nicely receptive to all sides of the question.

The New York State DX Association has applied for full membership. They say they've reached the level of 51 members (50 is the minimum). Seems to me there should be some way of determining positively the numbers of members in a club. Maybe a list of members sent to the Association, Gray?

The European DX Council reports that Swedish RadioClub has undertaken arrangements for the 1969 International DX Contest, and ES Scrimgeour is contacting them to see if North Americans can participate.

And that, cats, cuts it for this month. Hope you all noted that SCDXrs is stopping the mailing of their worldwide scripts of DX news? Too bad. Don't be caught anywhere wearing a Nehru shirt now, eh? 73s from Doug Benson, PO Box 131 Laconia NH, and from Reps Bruno Colapietro, 708 Harpur Drive Endicott New York and Gerry Dexter Route 1, Maple Road (Robinson Hills), Lake Geneva, Wisconsin.

ANARC DXER CENSUS

1. Courtesy of North American Shortwave Association Member _____.

Address _____

Year born*** May 3 1949 Occupation Farmer

Education (if college student, give major) Electronics DeVry Teet.

2. What type of DXing do you do?

- Long Wave Amateur Bands TV FM
- Medium Wave Utility Short wave Broadcast
- Other (specify) _____

3. Do you have an amateur or CB License? Yes No If yes, call: XM-44-137
XM-44-138

4. Club membership;

Presently belong to:

- ASWLC CIDX IRCA NRC NNRC NYSDXA
- NASWA WTVFDXA Others; R. Can. SWC, P. Electronics, Elect. ILL.

Formerly belonged to:

- ASWLC CIDX IRCA NRC NNRC NYSDXA
- NASWA WTVFDXA Others; _____

5. Make and model receiver(s) used; 1.) HAMMARLUND HQ-129-X

2.) National HBO-5.

Antennas used; 1.) Zurich Model 86-D.

2.) Inverted L.

6. Do you use a tape recorder? Yes No

If yes, make and model; _____

Do you use any other equipment in your DXing; _____

Do you build any of your own equipment? _____

- No
- Yes, just from kits
- Yes, from scratch
- Yes, design and build equipment

If yes, have built the following equipment; _____

Do you repair and/or maintain your own equipment?

- No Yes, only simple repairs Yes, all repairs

7. What publications in the radio/electronics/broadcasting field do you read regularly (excluding club bulletins)? _____

What type of articles interest you most?

- Feature articles on stations Construction articles
- Theory articles Propagation articles
- Other (specify) _____

8. _____ Please check this space if you would like information on other ANARC clubs.

If you have any further comments or additional answers, please write on back or on separate paper. Thank you.

Complete this form and mail to;

ANARC Census
Phil Sullivan
152 Third Street
Leominster, mass. 01453, USA

[Faint, illegible text, possibly bleed-through from the reverse side of the page]





SHORTWAVE BROADCAST CENTER

RICHARD E. WOOD, EDITOR, 1630 Ruth Place, Honolulu, Hawaii 96816. Deadline 10th.

BILLY GRAHAM PLANS SHORTWAVE STATION IN HAWAII

The Billy Graham Evangelistic Association is giving serious consideration to the preparation of an application to the FCC for the installation of a shortwave transmitting site on the island of Maui, with studios in Honolulu, Oahu, to beam programs to Australia, New Zealand and Indonesia.

The Association acquired a large plot of land on Maui in 1960. Since that time, surveys have been made and it has been determined that this would be an ideal site for the installation of a high-powered shortwave station to beam to the South Pacific. As the Billy Graham Evangelistic Association already has close links with KAIM(870 kHz.AM), the voice of the Christian Broadcasting System in Hawaii, it has been decided that the majority of programming for the envisioned shortwave station should emanate from KAIM's studios and be fed by land-line to Maui(cable), or possibly by microwave.

Transmitter powers of 500 kW are envisaged. Curtain antennas would be used. Over 50% of the programming would be live, from Honolulu, though primarily of a religious nature.

Why Hawaii? Late last year, Mr. Graham's representatives attended the Asian Christian Broadcasters' Conference in Singapore. One of the main points of discussion was how Indonesian listeners, who listen to shortwave exclusively, might best be reached. His mission went to Djakarta and enquired about the possibility of the installation of a shortwave transmitter, to cover the entire archipelago. Governmental permission would, however, only be granted for a small, one-kilowatt outlet to cover the city of Djakarta. This was considered unsatisfactory, and other approaches were considered.

The land on Maui, already in the Association's hands and at present unimproved, immediately came to mind. Now, Mr. Graham is in Australia, conducting a Crusade. While there, he and his team members are discussing with his Australian workers the effect of the present radio coverage, via bought time on local commercial stations, and how effective a shortwave station from Hawaii would be. If local response is positive, the Association is expected to proceed with the application.

No new shortwave broadcasting licenses have been approved in recent years by the FCC. An unofficial moratorium has been imposed ever since the dispute arose over WINB, in which Dr. Carl MacIntyre of Collingswood, N.J., figured prominently. If the Association's proposal were properly presented, however, it is possible that

Billy Graham plans Shortwave Station(Continued)

it would be accepted, although this would involve a definite policy decision by the Commission.

Before an application is presented, a Board Meeting of the Evangelistic Association will have to consider the proposal; then, a formal application will be filed, for FCC action. A favorable report on a potential audience would also have to be received from the DGEA's Sydney office.

In passing, it might be mentioned that the Voice of America's Honolulu station, in Kaneohe on the island of Oahu, has recently been reactivated.

(Thanks to Glenn Hauser for the original tip which led to the revelation of the above information - exclusive to NASWA.)

** ** * * * * *

ECLIPSE MONITORING - ANOTHER PROJECT

There will be an annular eclipse of the sun on March 18, 1969. Although we will not be issuing special verification cards, some of you might be interested in making your own observations of the event.

In order to verify eclipse related changes directly, two receivers should be used. One receiver should be tuned to a standardization station for the duration of the entire monitoring period. The other receiver should be used to listen for one of three eclipse locations at the times specified below.

Manual recording of S-meter levels from each receiver at 30 secs. intervals is acceptable. Unfortunately we will be unable to acknowledge reports made on the SINPFO code alone. We would be interested in any manual recordings obtained for one hr. or more on the eclipse day and on at least one non-eclipse day and will acknowledge any contributions meeting these requirements.

The time periods and stations to be monitored are:

GMT	STATION
0300-0330	
0415-0445	Perth, Australia
0515-0545	
0330-0400	
0445-0515	Djakarta, Indonesia
0600-0630	
0545-0600	
0700-0730	Manila, Philippines

Standardization stations should be located at Melbourne, Australia; Taiwan; or Japan. (Note: Reception of Djakarta in N.America is unreliable; if impossible, I suggest Voice of Malaysia, Kuala Lumpur, or BEC FES, Tebrau. REM)

The Perth/Melbourne paths are the best for Pacific and American listeners. The Asian paths are best for European, African or Asian listeners.

...David Meisel
University of Virginia, Charlottesville

* * * * *

HCJB heard everywhere. Among the countries from which HCJB received reception reports in '68 are: Antarctica, Samoa, Cook Is., Fiji, Hong Kong, Taiwan, Singapore, Malaysia, North Vietnam, Afghanistan, Abu Dhabi, Iraq, Syria, Turkey, Ethiopia, Libya, Pakistan, Malawi and Uganda. A second 100 kW transmitter is being installed.

A new series.

HOW I DX

First in the series: Don Jensen, member, NASWA Board of Directors.

I began DXing nearly 22 years ago, April 17, 1947, to be exact. I was 11 at that time, and, perhaps strangely for a boy, I was interested in geography. At that age, I'd traveled quite a bit around this country. I guess my first attraction to DXing was based on my fascination with hearing programs from distant countries.

My father, who had been something of an SWL in the mid-30's, had purchased a new radio, an all-band Midwest. On that particular evening, he tuned in HCJB and, thinking I'd be interested, called me to listen too. I did, and almost immediately was bitten by the DX bug. Other early catches were the Swiss Bc Corp., on a now forgotten 25 m. frequency. PCJ, Radio Nederland and Radio Moscow were other early catches.

DXing progress was rather slow, compared to that of many newer DXers today. In two years, I'd probably heard fewer than 20 countries. But then, there were fewer countries to log, circa 1950, than today. One British magazine maintained a DX scoreboard and listeners had to have 30 countries verified to qualify for a listing. Roughly speaking, the difficulty in QSLing 30 countries then might be compared with verifying 60 or more today. The top flight listeners then were, according to that list, Art Cushen, N.Z., and Sid Pearce, England, both of whom had about 120 SWBC countries verified...an amazing feat.

My DXing always has been a bit haphazard, from the standpoint that I tend to shoot for specific target stations, concentrating on them until I am able to hear and confirm them. Time limitations have usually been the controlling factor. While many DXers regularly patrol the bands, looking for whatever stations of an unusual character that they may run across, I usually tune specific frequencies looking for particular stations that supposedly operate there.

My record-keeping, likewise, is not as formal as most listeners'. I don't regularly maintain a log book of all stations I tune. I do keep logging reports on stations which are new ones for me and to which I send reception reports. Frankly, I rely heavily on my memory for details of other past loggings. I admit this is not a particularly organized way to keep track of things, and I don't recommend this for others, but my character is such that formalized record keeping of the more run-of-the-mill loggings is a bit of a bore to me. I envy those with the ability to keep elaborate logs and card file systems on everything they have ever heard, but I've found over the years that my attempts to set up such systems break down in short order due to my impatience with the required upkeep of such systems.

I hold the view, however, that the more information about stations, past and present, that one has, the better equipped one is to DX. As one example, the knowledge that a particular station once used 6,167 kc., five years ago, can be helpful in identifying stations which become active on the frequency again. So I do keep an extensive file of old bulletins, magazines and the like, which I refer to regularly. I have complete bulletin files from some clubs dating back as far as 12 years. I also clip and file magazine and newspaper stories about various foreign stations. Since I am interested in radio history and SWBC as it pertains to contemporary events, these clipping files are used regularly for reference.

I recognize that many listeners have little interest in verifications, being satisfied with simply logging stations. I, however, enjoy receiving QSLs, even though I recognize the validity of arguments that in and over themselves, verifications have no more value than the reliability of the DX'er himself. I've spent many years perfecting my reporting techniques and developing approaches to report writing that make the job of eliciting replies from stations a good bit easier.

How I DX(Continued)

I feel that for those interested in receiving QSLs, the importance of developing reporting techniques has not received sufficient stress. Developing the right approach in reporting to a station, particularly a rarer station, can mean the difference between receiving a verie and not receiving one. A technically correct report is not the complete answer, I feel.

...Don Jensen

(Next member to be featured in the series of NASWA personality profiles will be Gerry Dexter. REW)

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RADIOS BOOMING IN ASIA

Radios are booming throughout Asia...In 1950, according to UNESCO's Statistical Yearbook, only 12 million Asians had radio sets: that was nine out of every 1000 people; at last report, 32 out of every 1000 Asians enjoyed radios - for a total of 58.5 million sets...Burma experienced the largest relative increase(from 0.6 sets per 1000 to 11), while the Republic of Korea increased hers from four to 69, and Malaysia from 9 to 45...the Philippines has the most radios in Southeast Asia(1,225,000, or 39 for every 1000 people)...For all of Asia, Singapore is tops in the radio/people ratio, 214 for every thousand people, just five ahead of Japan, where the arrival of television in the past decade has made serious inroads.

...from Free World Horizons, USIA,
via Barry Williams(N.Z.)

** ** * ** * ** * ** * ** * ** * ** * ** *

AMERICANS EXCLUDED

In response to NASWA member Rog Harrington's request for membership in the WNYW Radio New York Worldwide Listeners Club, he received a letter from which we quote in part:-

"As a consequence of the Club's rapid growth, Radio New York Worldwide has found it necessary to place certain restrictions upon new applicants. Specifically, new and renewing members can only be accepted from areas other than the United States.

We are pleased that you took the time to inquire about the Listeners Club and hope you will understand the nature of the new restrictions which have been imposed... Irwin Belofsky, President, The Listeners Club.

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LESS GERMAN FROM GERMANY

Deutsche Welle is reducing the duration of its German-language transmissions from Cologne and Kigali from the present 2 hours, 55 minutes, to 2 hours, 10 minutes. The beginning times will be 0700 to Australia/Far East, 0900(new) to Japan, 1300 to S.Asia, 1600 to the Mideast, 1800 to Africa, 2030 via Kigali to W. Africa, 2300 to S.America, 0000 to E.N.America, 0200 to C.America and 0400 to W.N. America. In spring, a new transmitter will be installed in Kigali and the German transmissions will be broadcast to East and West Africa and South America from that Central African site. These changes will come into effect in May.

The evident explanation for the shorter programs is that the former German colonies in North America, Australia and elsewhere have been largely assimilated into the local population and are less likely to tune Deutsche Welle on an exclusive basis; however, German diplomats, travelers, foreign aid workers, etc., are likely to wish to tune in to a fairly short regular daily broadcast.

SUPPORT NASWA-YOUR PRIME SOURCE FOR NEWS ON SHORTWAVE BROADCASTING

SHAKESPEARE TO MAN USIA HELM

Frank J. Shakespeare Jr., president, CBS Television Services division, was named last week by President Richard Nixon as the new head of the U.S. Information Agency.

Mr. Shakespeare was asked if he plans any innovations in USIA. "I don't think so at this point," he replied, "I will have to study the agency first." He added that "it wouldn't be fair for me to give an opinion which would seem a knowledgeable one at this time."

He indicated that he will place heavy emphasis on broadcast use by USIA, saying that it is his opinion that "people are more knowledgeable today, and this is due more to broadcasting than to print. Knowledge of what this country does and stands for is street-corner information."

Mr. Shakespeare was asked about propaganda uses of USIA. "If we're going to tell the story of the U.S. to the peoples of the world, we still have to tell the truth," he said, adding that while "considerations of emphasis and news judgment come into play...the USIA does not exist in isolation. Whether to avoid telling a story is an academic question because the story is being told by many news organizations, one of which is the USIA."

...excerpted from Broadcasting,
via Garry Dexter

(Note: If we wish to influence VoA policy, now is the time to do it. Let us all write Mr. Shakespeare, on all aspects of the Voice's operation which are of concern to the DX-er. Again, I urge our foreign members to write, as their voices will be heard more readily. Frequency choice, modulation, programming, identification, QSL policy, these and many other aspects of the Voice should be the concern of all of you, and, with a new head, just finding his way in the Agency, this is time to look for changes. REW).

VOICE IDENTIFICATIONS AGAIN!

As all of you will have noticed, the Voice of America has reinstated local transmitter identifications on all stations in the U.S. and overseas, at sign-on, sign-off and other times.

How great a part our Campaign played in this cannot be known, but I feel that it was a significant one. There is a lesson to be learned from this. As I know from seeing copies of the letters many of you wrote to the Voice, or to individuals at it, your opinions were stated calmly, politely and clearly, without abuse or excessive technicality and over-use of DX-ing terminology. This is the approach that has produced results.

As I have always said, we DX-ers should have a lobby in Washington. Failing this, we should set our sights on certain matters which are of concern to us, and work to set them to rights in just such a manner.

In closing, it hardly seems necessary for me to suggest that each and every one of you, including our members overseas, send a brief thank-you note to the Voice, to Mr. Shakespeare, to Mr. Jacobs or Mr. Martin; or, at the very least, to include an expression of thanks and appreciation, and an encouragement to continue the present positive policy, in your next VoA reception report.

Speaking of station policy, I might mention that the BBC will be issuing specific verifications during a series of tests conducted for members of the World Radio Club this month and next. Just write the BBC, requesting membership; that way, you can also get exact BBC frequency schedules for all regions. REW

A EUROPEAN VIEW OF AMERICAN DX-ING

"Never the twain shall meet..."

It is a paradox that, in an international hobby, the approaches to DXing should be radically different in different continents and countries; so different, that even a common language is hard to achieve. How many North American or European DXers realize, for instance, that when an Australian or New Zealand DXer talks about some enormous number of "stations" that he has heard or verified, that this may include the BEC, counted a few hundred times for every frequency he has heard it on; or how many American DX-ers realize that many a European DX-er would count, say, a verification for Radio Vilnius and one for Radio Magadan as being from the same radio country?

It is interesting, then, to get a European view of American DX-ing, and I am quoting and excerpting, in translation, from an article on the ANARC convention, Omaha, August 1968, which appeared in Eter-Aktuellt, No. 12, 1968, the leading offset, illustrated Swedish DX paper, written by Gunnar Carlsson, Swedish DX-er who attended the convention and whom many of the participants at Omaha will remember.

"To start with, some definitions. In the U.S., one is a DXer if one deals with radio in any other way than by being an amateur. SW, MW, TV, FM, PTP, weather stations, time stations, amateurs, anything at all you can pick up on radio or TV, are the permissible targets for a DXer. At a guess, I'd say that at least 20% of DXers only deal with TV or FM, and there is an even bigger proportion which only listens on MW. This is certainly because of the many local stations. I saw albums of TV QSLs which are just as thick as those of Swedish (general) DXers. The enormous number of MW stations accounts for the common specialization in these, and many have set up specialized equipment with directional antennas to log these. The fact that there are so many local stations accounts for the talk of "foreign DXing" and "domestic DXing", a distinction which is most remarkable to a Swede who only has one DX target in his own country, the old state-run radio. I was really impressed by the masses of QSL's which the real MW experts had, and it is easy to see that it is only the first thousand verifications on MW which can be achieved quickly; after that, techniques well ahead of those we use here in Europe have to be brought into use. On the other hand, MW is less lively in Europe than in the U.S.; those directional antennas are not just for show.

"There are, of course, SW DXers too, but they are not so dominant as here in Sweden. North American Short Wave Association is a club which is only concerned with shortwave, and it has some five hundred members, and issues a duplicated paper of about 50 pages, which is the best shortwave paper I found in the U.S. Richard Wood is one of the editors, and the club's head is Bill Eddings, who, at the convention, was named "Man of the Year".

"Clubs are, in a way, a sorry story in this big country. There are a dozen clubs of reasonable size, i.e., with a few hundred members, and a number of small clubs of which I know little. But it was clear at the convention that no one had heard of what could really be called a local club, with frequent local meetings and close contact among the members, i.e., the type of club which is completely dominant in Sweden. This is of course because there are not so many DXers and, when you spread them over a big country, they are few and far between. This means that almost all clubs are operated by mail, and the only link between the members is a club paper which often has to be published by one individual, since there is no more than one person in each city. It is obvious that such a system must function badly; everything depends on one person, and if he drops out, there is no one to take over. Those DXers I spoke to were very envious when I talked about the local club meetings and the listening nights we have here in Sweden. And, if the club membership is scattered across the continent, the club leadership too is scattered; this, too, has its obvious disadvantages; everything has to be arranged by mail, and it is difficult to achieve any sense of club unity.

A European View of American DX-ing (Continued)

"ANARC has many difficulties which corresponding organizations in Sweden do not have, especially because of this geographical spread, and the spread among so many different fields of DX interest; and also, in my view, because of the representation system they now have. One person represents a particular club. Real national cooperation is therefore very difficult. It seems that only the representative knows what is going on in ANARC, and since the club board can never meet the rep., but have to depend on cursory reports, the interest in ANARC does not grow. Gerry Dexter pointed out that for decades past, with the development of different clubs in different fields of specialization, different rules for counting, say, QSL's and radio countries, had developed, and the clubs could not be reunited, or even be convinced that they had anything to gain from unity on these points.

"Nevertheless, there is a lot going on in ANARC to set this situation to rights, and, in view of the top people who are active in ANARC now, we can expect to see ANARC's position inside American DXing improving. The most is going in the various committees, which have been working quietly for several years now. The QSL Committee, with Wood as its head, is trying to improve verification percentages, especially among Latin American stations, the BCB QSL Committee is doing the same thing, but with MW stations in the U.S. The Frequency Recommendation Committee has some 15 members, observing the stations which broadcast to North America, and trying to help them with times and frequencies which would be most suitable. The DX Census corresponds to our Swedish DXer registration campaign. One thing that was proposed at the convention was the idea of a DX Museum, if possible in cooperation with some centrally located radio equipment manufacturer. There is a lot of material available already, the only thing missing is a suitable location. It is hoped that the affiliated clubs will be willing to cover ANARC's operational expenses, which are, in any case, only a matter of a few dollars."

(From an article by Gunnar Carlsson in Eter-Aktuellt, Box 19008, 200 73 Malmö, Sweden).

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DX CALENDAR

March 6 - Independence Day, Ghana.

March 25 - Independence Day, Greece.

April 14 - Days of the Americas, Honduras.

April 22 - Discovery of Brazil.

(Check also the major festivals of the Catholic church, in most of Latin America.)

...Gerry Dexter

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QUESTION BOX.

Q. Is there any mail service to North Korea? Is there any way I can send a reception report there, such as via Radio Prague?

A. As we have reported, Communist China requires that mail be marked "People's Republic of China". In writing North Korea, by the same token, it would be advisable to address "People's Democratic Republic of Korea". Radio Prague would probably send it on, although this might cause delays, especially these days; otherwise, the markings "via U.S.S.R." or "via Hong Kong" would suffice. In reporting to QSL Report, please state any forms of address used in reporting stations in N. Korea and N. Vietnam, if a QSL is promptly received.

Radio Australia Cox Peninsula relay working normally. By now, many of you will have heard the Darwin relay of the ABC. It has been noted here on four frequencies (one having been changed, to avoid QRM). All beams are 325° (S. Asia, W. Indonesia). RDW

BROADCASTING SATELLITES

The question is often asked whether broadcasting satellites may some day make it possible to have direct radio and TV contact between the peoples of the world similar to what SW is doing today. Such a service would consist of earth stations designed for satellite communications, beaming radio & TV programs to powerful satellites hanging stationary in space, which would amplify the received signal, and retransmit it for direct reception on home receivers over vast areas of the earth's surface. This is in contrast to the PTP relay of programs via COMSAT commercial facilities, for acceptance and distribution by national broadcast networks and organizations.

...A direct broadcasting satellite does not yet exist, and there remain to be solved many complex, interrelated problems of a technical, economic, administrative, and operational nature before such a satellite could be considered practical. For example, para. 422 of the Radio Regulations of the ITU, Geneva, 1959, states:

The establishment and use of broadcasting stations (sound broadcasting and TV broadcasting stations) on board ships, aircraft or any other floating or airborne objects outside national territories is prohibited.

At a special conference on space communications held by the ITU in 1963, France and several other countries proposed that the word "satellite" be expressly included in this prohibition. The U.S., supported by the Soviet Union, opposed this viewpoint and a decision has been put off until some future conference. Meanwhile the ITU, through the CCIR, is studying the technical feasibility of broadcasting satellites, the technically suitable frequency bands for such a service, and the possibility of sharing frequencies between satellite and terrestrial broadcasting stations.

Reports published by CCIR point out that propagation precludes the use of the medium and SW bands for broadcasting satellites, and that while technically usable, present terrestrial frequency plans for the 88 to 108 MHz. FM and the VHF and UHF television bands make it extremely difficult, if not impossible, to accommodate broadcasting satellites in these bands without worldwide agreement to reassign certain frequencies and existing stations.

As a potential user, the USIA has strong, but mixed concern about a broadcast satellite. On the one hand we recognize the great potential that such a satellite might offer in carrying out the Agency's prime mission of telling America's story overseas. For this reason, since the very beginning of the space communication era, USIA has played a key role in urging the development of a national policy concerning broadcast satellites. At every opportunity we have stressed the need to determine the feasibility of a communication satellite with the capability of relaying radio and TV broadcasts directly to the homes of listeners and viewers throughout the world. Along these lines, we have been a major contributor to the studies being carried out by the ITU and at conferences dealing with satellites.

On the other hand, the Voice's long years of experience in international broadcasting lead us to believe that a broadcast satellite, aside from being technically feasible, must fulfill certain other basic requirements if it is to be a success. First, to be really useful as far as we are concerned, it must provide means by which VOA could increase its audience throughout the world, and deliver a stronger radio signal than it can do at present with ground-based transmitters. Second, this should be accomplished at a comparable cost, or cheaper, than can be done with ground-based transmitters...

To establish a reference level for present signal coverage from ground-based SW transmitters and what it costs to do this take, as an example, the VOA plant at Greenville, N.C. This plant consists of 18 high-power SW transmitters ranging in power between 50 and 500 kW capable of beaming programs to W. Europe, areas of Africa, and the entire Western Hemisphere from the Mexican border to Cape Horn. At times, programs in as many as six different languages are transmitted

BROADCAST HARMONICS MONITORED

by Glenn Hauser

- Algeria. RTA, Alger, 12350=6175x2.
- Argentina. LRA, Buenos Aires, 24240=6060x4; RAE, B.Aires, 19363=9682x2.
- Ascension. BBC, 30210=15105x2, 23730=11865x2.
- Brazil. R.Globo, Rio de Janeiro, 23610=11805x2; R.Nacional, Rio, 23591=11795.5x2.
- Canada. CBC, Sackville, 30650=15325x2, 23890=11945x2, 23620=11810x2, 23440=11720x2.
- Colombia. La Voz del Centro, Espinal, 24380=6095x4; R.Meiva, 14603=4868x3, 14565=4855x3.
- Congo, Rep. of. ORTF, Brazzaville, 30380=15190x2.
- Costa Rica. R.Reloj, S.José, 24265=6066.25x4.
- Cuba. R.Habana Cuba, 30730=15365x2, 30680=15340x2, 30460=15230x2, 30300=6060x5, 28965=9655x3, 24680=6170x4, 24240=6060x4, 23860=11930x2, 23730=11865x2, 23470=11735x2, 19310=9655x2, 18510=6170x3, 18180=6060x3, 12340=6170x2.
- Czechoslovakia. R.Prague, 14690=7345x2.
- Dominican Rep. La Voz de la Libertad, Pto. Plata, 24764=6191x4, 18573=6191x3, 12382=6191x2.
- England. BBC, London, 30870=15435x2, 30780=15390x2, 30620=15310x2, 30600=15300x2, 30520=15260x2, 30360=15180x2, 30140=15070x2, 28480=7120x4, 24080=12040x2, 23890=11945x2, 23560=11780x2; VoA, Woolferton, 30580=15290x2, 24600=6150x2, 23860=5965x4, 23420=11710x2.
- France. ORTF, Paris, 23840=11920x2; 23690=11845x2.
- Germany, W. DW, Jülich, 29265=9765x3.
- Guatemala. R.Nuevo Mundo, Guatemala, 11980=5990x2.
- Haiti. La Voix de la Revolution Duvalieriste, Port-au-Prince, 18312=6104x3, 17948=5982x3.
- Honduras. La Voz de Suyapa, Tegucigalpa, 30625=6125x5.
- Italy. (sic in text received from GH, Ed.) R.Vaticana, 29000=7250x4.
- Japan. R.Japan, Yamata/Nazaki, 19010=9505x2.
- Mexico. La Voz de la America Latina, XEW; Mexico, 30352=15176x2, 28545=9515x3, 19030=9515x2, 12330=6165x2; XECMF, Cd. Mante, 24360=6090x4, R.Universitaria, XEYU, Mexico, 19200=9600x2; EL Eco de Sotavento, XEUW, Veracruz, 18060=6020x2; La RH, XERH, Mexico, 23760=11880x2.
- Philippines. VoA, Malolos, 30730=15365x2, 30350=15175x2; VoA, Poro, 30420=15210x2.
- Portugal. RFE, Gloria, 30430=15215x2, 23810=11905x2; Emissora Nacional, Lisboa, 30250=15125x2, 19170=9585x2, 12370=6185x2.
- RSFSB Asiatic. R.Moscow, Khabarovsk/SFE, 30280=15140x2; Vladivostok, 30090=5015x6; Khabarovsk (H.S.), 28125=9375x3, 24460=6115x4. Magadan 24480=12240x2, 19000=9500x2; location unknown (H.S.), 23810=11905x2 (believed Vladivostok. Ed.)
- Ryukyu Is. VoA, Okinawa, 30790=15395x2, 23840=11920x2.
- Saudi Arabia. Riyadh, 17988=5996x3.
- Switzerland. SBC, Schwarzenburg, 30610=15305x2.

HAVE YOU SENT IN YOUR QUESTIONNAIRES FROM THE FEBRUARY ISSUE YET?

Broadcast Harmonics Monitored(Continued)

USSR European. Moskva Radio (H.S.)+ jammer "MG", 30740=15370x2; H.S. without jammer, 22140=7380; R.Moscow(foreign service), 30590=15295x2, 29265=9755x3, 28299=9430x3, 19280=9640x2, 23930=11965x2, 23780=11890x2; H.S., Simferopol, 23620=11810x2; H.S., Tula, 19220=9610x2.

USA. WNYW, Scituate MA, 30880=15440x2, 23710=11855x2, 19480=9740x2, 19230=9615x2; VOA/AFRTS: Greenville A, 30860=15430x2, 30500=15250x2; Greenville B, 30820=15410x2; Bethany, 30660=15330x2, 30320=15160x2, 23780=11890x2, 18090=6030x3, 12380=6190x2, 12060=6030x2; Dixon, 23830=11915x2, 23660=11830x2, 19130=9565x2; Delano, 23610=11805x2, 23540=11770x2, 19400=9700x2, 19090=9545x2, 12370=6185x2.

MEDIUM WAVE STATIONS

Canada. CKX, Brandon, Man., 2300=1150x2.

Mexico. XEDM, R.Pacifico, Hermosillo, Son., 11060=1580x7, 3160=1580x2; XEKG, R. Jalisco, Guadalajara, Jal., 2820=1410x2; XERJ, La RJ, Mazatlan, Sin., 2640=1320x2; XEDX, R.Variedades, Ensenada, BCN, 2020=1010x2.

Nicaragua. YMQ, La Voz de la Victoria, Managua, 2200=1100x2.

USA. KREO, Indio CA, 5600=1400x4; KOSI, Aurora CO, 2860=1430x2; KDTA, Delta CO, 4200=1400x3; KFLLJ, Walsenburg CO, 4140=1380x3; WFPR, Hammond LA, 2800=1400x2; WNPS, New Orleans LA, 2900=1450x2; KTOO, Henderson NV, 2560=1280x2; KRZY, Albuquerque NM, 2900=1450x2; KAVE, Carlsbad NM, 2480=1240x2; KCCR, Pierre SD, 2480=1240x2; WBOL, Bolivar TN, 4680=1560x3; KORC, Mineral Wells TX, 5700=1140x5; KTXL, San Angelo TX, 2680=1340x2; KALL, Salt Lake City UT, 2730=910x3; KATI, Casper WY, 2800=1400x2.

RADIO VLTAVA

Although it is not a shortwave station, operating, in fact, on the long-wave band, the following item should be of interest to those who have been following the Czechoslovak radio stations during the August crisis and the months thereafter:-

A Moscow-Oriented propaganda station based in East Germany, Radio Vltava (Radio Moldau), has abandoned the pretense that it is a Czechoslovak operation. It now announces as "Radio Berlin International".

The switch indicates an apparent concession to Czechoslovak leaders who have objected to the hard-line slant of the broadcasts, which began with the Soviet-bloc invasion of last summer.

Since that time the station has blared the official Soviet line on Czech politics and the occupation itself.

...AP, via Gerry Dexter

GOVERNMENT DOCUMENTS AVAILABLE

The following radio-related government documents may be purchased by the public from Superintendent of Documents, Washington, D.C. 20402.

19CC. A review of some Ionospheric Studies based on a High-Frequency Doppler Technique. 1968, 145p. ill. 75¢.

20CC. Early Detection of a Solar Flare. 1968, 43p. ill. 35¢.

66CC/S. Radio Meteorology. 1966, 435 p. ill. Cloth, \$2.75.

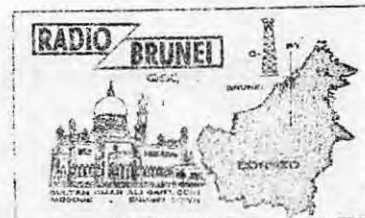
59A. Radio Laws of the United States. 1968, 264 p., \$1.00.

...via Rod Williams



QSL REPORT

GREGG CALKIN - EDITOR
402 NEEDHAM STREET
FREDERICTON, N.B., CANADA



NEW QSLs

Radio Canada has announced that they were to begin issuing a new QSL card as of February 1st, 1969. The new card will represent Canada's most popular sport, "Ici Hockey", and features four hockey players in an action scene on a red and blue background.

HCJB will be issuing 6 new QSLs during 1969, one each 2 months. The first card, according to Jim Robertson of the World Radio Missionary Fellowship is a "Slide-O-Rule" time converter. Designed by Jim, this QSL is most unique in the history of the hobby and in addition to confirming your reception, will provide a useful instrument in your shack. During the year, two others will be issued in a similarly technical design, and three will feature Inca art designs. To qualify for one of these, send a report to HCJB containing the date of reception, name of station, time in GMT, frequency, programme data, including 3 specific things heard in the programme. The Slide-O-Rule card is made of heavy stock paper that should hold up fairly well with use, and works like a slide-rule. (Hurst, Maryland)

HRVC, Tegucigalpa, Honduras is currently sending out a new card. This QSL has reportedly no QSL data, except the date and confirmation statement, and pictures HRVC tower in a graphic scene. (Hurst, Maryland)

NHK, Tokyo, Japan is issuing four new QSL cards for 1969. They include (1) Photograph of the stage for a Kabuki masterpiece entitled: "Sugawara Denju Tenarai Kagami". (2) Magnificent sunset glow over Mt. Fuji rising majestically above a sea of cloud, a photo taken from the air. (3) Cherry blossoms in Nara Park in full bloom against the background of the famous five-story pagoda of the Kofakuji Temple, and (4) The Japanese Archipelago, modernistically and symbolically designed. (Soneff, Louisiana)

QSL NEWS AND NOTES

Wayne Berger, TGNA station manager in Guatemala City is currently sending a form letter with QSLs apologizing for the delay in sending QSLs. Major changes in transmitter, studios and antennae have taken up his time, as he is the only technician at TGNA. Now Wayne is attempting to catch up on back correspondence, so be patient. A note of thanks to Wayne would certainly be in order, particularly for those of you who are receiving the QSLs.

Some members have sent in reports lately without ensuring their name accompanied the report. I cannot print the QSL items without your name, so don't forget it. Thx.

The Engineering services of the CBC International Service have announced that in 1968 they processed a total of 25,216 requests for QSL cards during 1968. This surpasses 1967's total of 19,556 and is nearly four times the total for 1963.

As in the past, certain members are telephoning in their reports, in order to make sure they arrive before the 15th deadline. Special thanks to Bob Estand of Texas, and Don Billingsley of California with whom your editor has had very pleasant conversations lately. Although not recommended unless it is too late for your report to arrive by the 15th, I am very pleased to talk with any members who desire to call 1-506-454-4585 after 0100 G.M.T.

QSLs RECEIVED

AFGHANISTAN: Radio Afghanistan sent usual card for 9610 kHz. IRCs sent; reply airmail in 3 weeks. (Padula, Australia) That frequency no longer in use (GAC)

ANGOLA: Radio Melanje, 7115, letter by air in 6 weeks, giving date only, acknowledging report. Said they had no QSLs (Shaw, California)

Emisora Official, 4820, card and sked from Feliciano Flor, Director, by air in 1 month. 5 IRCs (Matthews, Pennsylvania)

Voz de Angola, 5960, card airmail in 18 days. IRC sent (Sparks, California)

ASCENSION IS: BBC relay station, 7105, card and BBC sked in 30 days airmail. (Estand)

AUSTRALIA: VLX9, Perth, 9610, card and letter from John Marshall, in 13 days air for IRCs. (Hurst, Md.) 3 weeks, full data (Hulser, Tennessee)

AUSTRIA: Vienna, 17880, card in 6 weeks w/report forms. No return postage, reply by airmail (Padula, Australia)

AZERBAIDJAN S.S.R. Baku replied w/card in 2 months registered airmail for 9840, although report was for 9490. Apparently not Baku, who? (Macken, Mass.) Perhaps Alma-Ata? See Kazakh S.S.R. below (GAC)

AZORES: LN, Ponta Delgada, a beautiful p/card via Lisbon in 7 weeks air, for taped rpt. of 4865 kHz. No IRCs (Lobdell, Mass) 2 weeks, 2 IRCs (Sizer, Connecticut)

BELGIUM: ORU, 9615, card, sked airmail. IRCs sent; complete and correct data (Estand, Texas) 15 days; no time listed (Nonnast, Texas) RTB admitted "something went wrong" with 17795 kHz outlet, which I heard on 17995, and thanked me for callint it to their attention. V/S: M. Svaenepoel, Deputy Director (Hauser, Co.) 6125, 3 wks (Field, Mich.)

BOLIVIA: La Cruz del Sur, 5025, card and letter in 7½ months from Hazen C. Parent. 3 IRCs (Matthews, Pennsy lvania)

Radioemisora Bolivia, 4755, letter, pennant, folder on station in 3 months via registered airmail from V/S: Esperanza de Aillon, Secretaria Ejecutiva (Dexter, Wis)

BONAIRE: Cimbrer DX Club, Aars, Denmark, special QSL showing Viking warrior for special over RN/15220 kHz. V/S: Ivan Stensgard. RN also sent new "Bonaire Noord" card. (Hauser, Colorado)

TWR, new card depicting Xmtr and diesel bldgs w/curtain antenna in bkg. V/S: Julius R. Schipper (Wood, Hawaii)

Radio Nederland, 11730, card w/beautiful color shot of windmills in 2 months seaimail. No IRCs (Brown, Ontario) 5 weeks for 1-IRC. (Hurst, Md.)

BRAZIL: Radio Clube Paranaense, Curitiba sent printed white card, giving date and full data in 2½ months by air, for 11935. 3 IRCs; Rpted in English. V/S: José Benito Lourenço, C.E. (Lobdell, Mass.)

BRITISH HONDURAS: Radio Belize, Belize City, card for 3300 in 150 days airmail; shows map of nation, w/pro ucts and industries indicated. 2 IRCs sent; full data. (Glassberg, N.Y.) 3 months (Soneff, La.) 8 months airmail after original - 4 months after f/up w/ mint stamps. V S: Chief Bcing Officer, C. Landeford (Sizer, Connecticut)

CAMEROON: Radio Buéa, 3971 (nominally 3930), letter, specific and photo from Richard Tanyi Tabe, by air in 4 weeks (Wood, Hawaii)

Radio Garoua, 5010, french form letter in 6 weeks airmail. 3 IRCs. (Field, Michigan)

CANADA: Radio Canada, 5990, sent card by 1st class mail in 2 wks. V/S: B. Duke (Hagerman)

CJCX, Sydney, N.S., 6010, sent card in 10 days 1st class mail. Date only given. (Zamora, Texas)

CHNX, Halifax, N.S., 6130, card in 1 week by air from Judith Nicholson. Full data; mint stamps sent (Zamora, Texas)

CANARY IS: RNE, Santa Cruz, Tenerife, 11800, regular RNE card from Juan de Rojas, Director. In 18 days only (Roth, Conn.)

CEYLON: Radio Ceylon, Colombo, 11800, typed letter by air in 3 weeks. 3 IRCs. Date & freq. w/confirmation statement. (Shaw, California)

COLOMBIA: Radio Pacifico, HJEX, 6053 kHz, card in 2 months. Mint stamps sent (Sparks,

GUATEMALA: TGNA, 5955, card, mimeo letter, in 39 days airmail. V/S: Wayne Berger. 3 IRCs sent (Estand, Texas)

La Voz de Quezaltenango, 11700, letter in 3 months by air, specific, & stamps from unreadable Secretario-Contador (Wood, Hawaii) He can't read?? hi (GAC)

GUINEA: Conakry, 9650, form letter, in 4½ wks airmail. V/S: Cisse Fode. 3 IRCs. Date & QSL statement. Report taped and sent registered mail. (Pappas, Illinois) 3 weeks after many f/ups. 3 IRCs (Field, Michigan)

GUYANA: Radio Demerara, 5980, card, no time, by air in 12 wks for IRC (Hurst, Md.) 19 days air; IRC (Macken, Mass.) 3265, 22 days airmail. V/S: Engineer-in-Charge. Full data; 2 IRCs (Sizer, Conn.)

HAITI: 4VEH, responded w/folder card in 6 weeks for 11835. 3 IRCs (De Smith, Minn.)

Radio Indépendance, 4VGS, Gonaives, 5020 kHz, letter in French-English from Paul Mitton, Director, airmail in 10 wks. Full data QSL, very friendly letter, and 3 p/cards. Pleased I wrote in French (Field, Michigan) They usually are (GAC)

HONDURAS: HRVC, Tegucigalpa, 4820 kHz, card in 2 wks from Sally Erickson, and friendly letter from Ron Young, Director of Programs, as well as form info letter stating they receive some 700 letters a month. Soon to have new QSL (Field, Michigan) 4 wks by air 1-IRC (Forsythe, P.Q.) 3 wks surface (Hurst, Md; Hulser, Tenn.) 9 days p/card QSL (Kagey)

La Voz del Junco, Santa Barbara, 6075, card, exact QSL data from V/S: A.S. Hasbun Y., Director. 21 days by air, in Spanish (Roth, Conn.)

HUNGARY: Radio Budapest, card and pennant, sked in 64 days. (Wastradowski, Washington)

INDIA: AIR, 11810, card and sked in 3 months, 22 days airmail. Card features shot of houseboat, and gives full data. 1-IRC sent. (R. Murphy, Texas) 15235, 8 wks (Forsythe, P.Q.) 18 wks, 3 IRCs (Pappas, Ill.) nature scene for 15080, 2 IRCs (Padula, Australia)

INDONESIA/JAVA: RRI/Palembang, 4855, sent long friendly letter in English from S. Poedjono, B.A., Programme Director. Rpted in Indonesian. Airmail report, and reply in 8 wks (although it took my rpt 7 wks to get there). 2 IRCs (Padula, Australia)

IRAN: Radio Teheran, 3870, form letter, by registered seaimail in 2 months (Shaw, Calif.) for 15135 kHz, in 3 months (Kagey, Pennsylvania)

ISRAEL: Kol Israëel sent attractive, glossy card showing antennae for 9725 kHz, in 9 wks seaimail, with literature on nation. Also airmail acknowledgement received in 4 weeks, in the form of a small card sent w/sked, advising QSL would follow. (Padula, Australia) 9009, 10 wks, card, 1-IRC (Field, Michigan)

JAPAN: FEN, Tokyo, 6155, card w/mail, w/personal note of thanks in 15 days. No time given. (Estand, Texas)

NHK, Tokyo, 15445, very attractive card in 3 wks airmail. 1-IRC sent and returned. P/card, sked and rpt forms also rcvd w/QSL. No time given (Forsythe, P.Q.)

KAZAKH S.S.R. R. Alma-Ata, postal card in 6 months; rpted in English; reply in Russian: "In answer to your letter of July 22, 1968, the Kazakh radio confirms the correctness of your reception of our broadcasts on 9380 kHz." (Roth, Conn.)

KOREA (S.) VOFK, Seoul, sent attractive QSL in 62 days airmail. Used their report sheet. No IRCs; full data (Glassberg, N.Y.)

KUWAIT: KBS, 11920, folder-card for new bc, no V/S, but complete confirmation statement. 32 days (Roth, Conn.) 3 wks (Migliore, N.Y.) 17810, 1 month air (Wood, Hawaii) 1 month (Smith, Ohio) 22 days (Kagey, Ill.) 17750, 11940, 17810, in 74, 67 and 28 days resp. IRC sent. Card is very colorful (Padula, Australia)

LAOS: Radiodiffusion National Lao, 6130, in 10 months w/full verie info on plain white card, by air from Ouphet Souvannavong. Needed f/up (Shaw, California)

LEBANON: Radio Lebanon, 11785, drawing of broadcasting studios in 2 months via registered mail. (Perdue, California)

LIBERIA: VOA Monrovia sent card from Opal Lau in 8 days for 7280 kHz; plus sked (Wastradowski, Washington) 17800, card in 10 days (Forsythe, P.Q.)

(California) in 2 months from V/S: Ana Sella Z., Secretaria. SASE sent (Field, Mich.)
CONGO (REP.) Radio Brazzaville, 17785, (rarely hrd freq. in Australia) large card in exactly 4 weeks. Rpted in English w/1-IRC. Card also gives sked; also Xmas card (Padula, Australia)

CONGO (DR): Kinshasa, 15245, reported in English w/2 IRCs. Rcvd personal letter in French from "V. Nikuna; 7 months (Kagey, Pa.)

CUBA: Radio Habana, sent blue and white card for 11760 kHz, airmail in 154 days. Card is rectangular with station emblem. No IRCs (Glassberg, N.Y.) 9525, 4 months by air. Full data (Hulser, Tenn.)

CYPRUS: BBC Limassol, 17885, card, completely specific, w/date, time and frequency, plus location, in 5 wks by air via London (Wood, Hawaii)

CZECHOSLOVAKIA: Radio Prague, card in 21 days for 7345 kHz. Confirmed fully (Moeller)

DENMARK: Copenhagen, 15165, card, letter and VOD publication in 19 days. Card shows radio house aerial tower. (Wastradowski, Washington)

DODECANESE IS: VOA/Rhodes, 11700, blue/red/white card in 13 days by air. No IRCs. V/S: Opal Lau (Hagerman, Michigan)

DOMINICAN REPUBLIC: Onda Musical, 4975, card with Xmas card of station, and confirmation statement hand written on it in Spanish. 3 weeks on 4th try. SASE sent (Field, Mich.)

Radio Mail, 4930, card in 1 week. V/S: Victor Manuel Rios R.

Mint stamps sent (Sparks, California)

Radio Exitos, 3365, very nice and friendly personal letter. No data, confirmation statement only. Rpted in Spanish w/mint stamps. V/S: J. Buenaventura Santos N., Administrador. 10 days by air (Zamora, Texas)

ECUADOR: HCJB, 15115, new "Slide-O-Rule" Time Converter QSL, sked, letter and pocket calendar in 3 wks by air, for 3 IRCs. (Hurst, Md.) 2 wks by air (Migliore, N.Y.) shows arrival of 3 X 100 kW Xmtrs. 2 months by seammil (Wood, Hawaii)

Norea Radio (HCJB), 15325, card from Oslo, by Ligbjoern Spikkeland, Technician. SASE to Oslo; QSL included TWR programme sked (Field, Michigan)

Radio El Mundo, 4750, QSL card from Gabriel Vergara Jiménez, Gerente, by air in 3 weeks on 3rd try. Pennant also. (Field, Michigan)

Radio Cenit, Portoviejo, 4770, letter from head office in Guayaquil, plus pennant by air in 2 weeks. V/S: Washington Delgado Cepeda, Director. SASE sent (Field, Michigan) certificate of listenership and calendar in 9½ months. V/S: Wilfrido Marcias Parrales (Dexter, Wisconsin)

Radio Manta, 6015, note on Xmas card in 2 weeks after f/up, from the Gerente. SASE sent (Field, Michigan)

ENGLAND: VOA relay, 15195, usual card from Opal Lau, in 10 days. No IRCs (Forsythe, PQ)

ETHIOPIA: ETLF, Addis Ababa, sent cards for 15180 and 11820 in 26 and 18 wks resp. Also sent sked (Padula, Australia)

FRANCE: ORTF, Paris, 21580, B & W card w/river scene for my rpt of Oct/67. 1 f/up sent. 16 months. (Smith, Ohio) 9700, QSL & New Year's card; confirmation statement, & full QSL data. By air in 25 weeks (Padula, Australia) 9620, 3 mos by air (Estand, Texas)

FRENCH GUIANA: ORTF, Cayenne, warm personal letter of confirmation from C. Pierre, Le Chef d'Etablissement, in French, 23 days. Sent 2 IRCs and used NASWA French form. V/S says he wishes he could write my language as well as I write his. (Sizer, Conn.)

G.D.R. RBI sent separate cards for 21600, 21475 and 21450 kHz, via airmail in 11, 12 and 11 wks resp. (Padula, Australia) 10 wks, 9500 (Migliore, N.Y.)

G.F.R. DW, Köln, 6185, card and letter by air in 6 weeks. 2 IRCs. Taped rpt (Moeller, Pa.) 8 wks, 9605 (Migliore, N.Y.)

Südwestfunk, 7265, magnificent card, letter and p/card showing studios in 6 weeks by air (Matthews, Pennsylvania)

GHANA: Accra, 11850, card and sked in 2 weeks. Full data (Hulser, Tennessee)

LIBERIA: ELWA, Monrovia, 11950, card and sked in 3 months. NO V/S. IRCs sent (Forsythe, P.S.) 2 months 27 days seamaile (R. Murphy, Texas)

MALAGASY REPUBLIC: Tananarive sent colorful card for 17,730 kHz, in 3 weeks airmail, for 1330 Z. Int. Sec. Sked too; 3 IRCs sent w/Eng. rpt (Padula, Australia) 1 month by air, card with complete data (Field, Michigan)

MALAYSIA: BBC/FES, Tebrau, 11750, card, new Thames issue, in 64 days by seamaile. No data. Rpted in Malaysia, but reply from London. (Michalenska, R.I.) Malaysia, not Singapore, Hank (GAC) 11725, 6 wks airmail (Hurst, Md.)

MARTINIQUE: O.R.T.F., Port-de-France, 3315, rpted in English w/2 IRCs. Rcvd form letter in 10 days (Kagey, Pa.)

MEXICO: XECM/T, Ciudad Mante, 6090, personal letter in 11 months airmail from Ricardo Lopez Ménez, Concesionario. Also 2 p/cards and large green beautiful pennant. SASE sent (Field, Michigan)

Radio Mil, 6010, card, frequency only from Jorge Garcia R., seamaile in 10 months after f/up. (Wood, Hawaii)

Radio Universidad Nacional de Mexico, 9600, letter in Spanish from someone if "Office of Programmes", in 11 days after f/up. (Field, Michigan)

MONACO: Trans World Radio, 7295 kHz sent folder QSL and sked in 22 days. 2 IRCs sent. (Wastradowski, Washington) 39 days, full data (Estand, Texas)

MOROCCO: VOA/Tangier, 5965 kHz, usual card in 10 days. V/S: Opal Lau (Forsythe, P.Q.)

MOZAMBIQUE: Radio Clube de Moçambique, 11783, card in Portuguese w/pic, in 12 days (Kagey, Pa.)

NEPAL: Radio Nepal, Kathmandu, 11970, card w/sked in 23 days by air. 5 IRCs. Full data. V/S: K.B. Khatry (Poulis, Massachusetts)

NETHERLANDS: Radio Nederland, Hilversum, 6020, Happy Station card in 4 wks by air. No IRCs (Forsythe, P.Q.) new color Bonaire Noord card for Hilversum reception (Estand, Texas) 8 days airmail, no IRCs. Card is red with flamingos (Vogt, Ill.)

NEW BRITAIN: Radio Rabaul, 3385 kHz, card, newspaper, map, sked, etc. by air in 16 days. 3 IRCs sent, Full Data. (Poulis, Mass.)

NEW ZEALAND: Radio New Zealand, Wellington, 11780 kHz, card and sked, in 10 days, via airmail. QSL gives date and frequency and is signed by V/S: J. L. Hartstonge. 3 IRCs sent (Adkins, Missouri)

NIGERIA: Voice of Nigeria, Lagos, sent card in 10 wks w/many magazines and booklets. 3 IRCs (De Smith, Minn.) 21455, 4 months seamaile (Forsythe, P.Q.) 15365, in 13 days airmail, plus sked and 2 IRCs. (Breton, Mass.) 15255, 75 days airmail (Glassberg, NY) 9690, 2 months (Zamora, Texas; Friedman, Mass.) 7275, 25 days (Wastradowski, Washington)

Radio Nigeria, Sogunle, 3986 kHz, 11 days; letter from G. N. Nwuli (Friedman, Massachusetts) Lagos? (GAC)

Radio Nigeria, Benin City, 4932 kHz, personal letter in 40 days airmail. Full data. 3 IRCs sent. V/S: L. Salami, for Engineer-in-Charge, Mid-West Region (R. Murphy)

NORWAY: OSLO, 25,900, card featuring pic of winter scene in 12 days by air. Complete data. (Nonnast, Texas)

PAPUA: VLP4, Port Moresby, card with full details, w/sked in 12 days by air, for IRCs (Hurst, Maryland)

PARAGUAY: Radio Encarnación, 11948, sent very friendly letter signed by Antonio Efrain Cabrera, via registered airmail. Result of 3rd f/up for a 7/67 reception; previous 2 reports had included mint stamps, but never received according to station. Received from Paraguay in 9 weeks after 3rd try (Padula, Australia) 8 months airmail after f/up. 11945 nominally, 11948 in actuality (Wood, Hawaii) Excellent, gentlemen!! (GAC)

PERU: OAX8R, Radio San José, Apartado 216, Iquitos, 4825 kHz, sent personal handwritten letter in English from Brian G. Murphy, Canadian Electronics Engineer, who is there for 2 years. SASE sent w/rpt; reply 3 weeks by airmail (Field, Michigan)

PHILIPPINES: Far East Broadcasting Company, Manila, 17610, sent card, letter and sked in 50 days. QSL was late as QSL secretary was far behind in correspondence due to holidays. 3 IRCs sent (Wastradowski, Washington)

- POLAND: Warsaw, 11870 kHz, card in 5 months, (Kagey, Pennsylvania)
- PORTUGAL: Radio Portugal, Lisbon, large card of Portuguese explorations, w/full data for 6025 kHz. $3\frac{1}{2}$ months - (Glasberg, P.Q.) 3 months, with listeners magazine (Brown, Michigan)
- REUNION: St.-Denis, 4807, form letter by airmail in 7 weeks. 3 IRCs sent. Date, freq. and confirmation statement (Shaw, California)
- RUSSIAN S.F.S.R. Moscow sent blue card in 40 days for 11960. WRTVH list Tbilisi? (Brown, Michigan) 9680 kHz, 5 weeks by air (Nonnast, Texas)
- RWANDA: Deutsche Welle, Kigali relay, 17765, card, pamphlet and sked. Card is blue w/african continent outlined in yellow. 2 months by airmail. Full data. (Perdue, Calif.) 11905, 21 days and 38 days for reports sent to both Köln and Kigali (Estand, Texas) 9565, for reception in Fiji; by air, 1 month, no IRCs (Padula, Australia) 15380, 30 days from Thiele (Klemens, N.J.) 15 days (Robinson, Va.) & pennant, 26 days (Wastradowski, Washington)
- RYUKYU IS: VOA/Okinawa, card in 2 weeks for 7165, by surface mail from Washington. No return postage, since not needed (Macken, Mass.)
- SARAWAK: Radio Malaysia, Sarawak, 7160 kHz, card w/date only in 3 months airmail. IRCs sent (R. Murphy, Texas)
- SAUDI ARABIA: Riyadh, sent folder card w/full information for 15150 in 108 days. V/S: Werner Storg, C.E. 3 IRCs sent (Glassberg, N. Y.)
- SENEGAL: Dakar, 4890 kHz, card in 25 days, but no frequency given (Friedman, Mass.)
- SICILY: RAI/Caltanissetta, 7175 kHz, regular RAI card via Rome, in 11 weeks by air. 2 IRCs sent. Full data (Pappas, Illinois)
- SOUTH AFRICA: Radio RSA, usual card for 21535 kHz in 5 weeks (De Smith, Minnesota)
- SPAIN: RNE, Madrid, 6130 kHz, card and sked in 13 days airmail. Date and frequency given only (Wastradowski, Washington)
- SWEDEN: Sveriges Radio, 11705, sent card, pennant, sked and pamphlet pen-pal list by air in 1 week. (Perdue, California) special 1000th SCDX Commemorative QSL, pennant and sked, in 15 days by air. (Hagerman, Michigan) 5990 kHz, 11 days (Moeller, Pa.)
- SWITZERLAND: SBC/Berne, cards in 2 months for 11715/21540/5980 after 1 f/up. (Glasberg, P.Q.) 1 month, m IRCs (Bogt, Ill.) 9535, 27 days; card shows port of Basel on the Rhine (Banta, N.Y.)
- TAIWAN: VOFC, Taipei, 17890, full data card plus sked by air in 2 weeks. (Perdue, Calif.) 15345, 5-color card in 22 days by airmail, w/sked. (Breton, Mass.) 15125, 21 days (Moeller, Pa.) 23 days, no IRC (Macken, Mass.) 17720, 20 days by air (Wastradowski)
- TOGO: Lomé, 5047, nice card in 17 days (Kagey, Pennsylvania)
- TURKEY: Ankara, 15160, card and sked by air in 9 weeks for 1-IRC. (Hurst, Md.) 3 months (Hartman, N.Y.)
- U.S.A. WINB, Red Lion, Pennsylvania, 17720, card in $4\frac{1}{2}$ months w/sked. IRCs sent (Estand, Texas) 9 weeks surface, for mint stamp (Hurst, Md.)
- KCYN, Williams, Az., friendly letter de Barbara Blessing on behalf of Chief Engineer, who estimates 20 watt power on 2480 kHz, harmonic of 1240 (Hauser, Colorado)
- WNYW, 7295, card by air in 9 days. Complete and correct data (Estand, Texas)
- 17835, card in 9 days, and sked in 11 days (Wastradowski, Washington).
- VOA/Delano, 17765, usual card in 10 days. No IRCs. V/S: Opal Lau (Forsythe, PQ)
- VOA/Greenville, 5995, usual card de Opal Lau in 10 days. No IRC (Forsythe, PQ)
- red/white/blue card (Vegt, Ill.)
- VOA/Dixon, 17820, usual card in 10 days from Opal Lau. No IRCs (Forsythe, PQ)
- VOA/Bethany, 17785, card in 10 days from Opal Lau. No IRCs (Forsythe, PQ)
- UGANDA: Radio Uganda, 5026, personal letter from H.F. Humphreys, C.E. & stamps from East Africa. 3 IRCs sent w/report (Field, Michigan)
- U.A.R. Cairo, 9475 kHz, card, sked and letter in 2 months. 2 IRCs. Seemail. (Forsythe, P.Q.) 2 months by air; took 4 rpt; 1-IRC. Full data (Lindley, S.C.)

UZBEK S.S.R. Tashkent, 9600 kHz; blue card with map of USSR. 7 weeks by airmail. No IRCs (Hartmann, N.Y.) See QSL OF THE MONTH (GAC)

VATICAN CITY: Radio Vaticana, card via airmail in 9 days for 6145 kHz. Card is of Pope Paul; IRC sent (Glasberg, P.Q.)

VENEZUELA: Radio Barquisimeto, 4990, card airmail. Date and frequency only given. 1-IRC. NASWA Spanish form used (R. Murphy, Texas) 17 days, p/card QSL. Reported in Spanish by registered airmail (Kagey, Pennsylvania)

Radio Junin, 4930, letter from Jesús Manuel Valencia, by air in 3 weeks after f/up. Also 2 pennants (Field, Michigan)

Radio Juventud, 4900, sent card in 21 days; no time given (Friedman, Mass.)

Radio Nacional de Venezuela, YVKO, Caracas, 5020 kHz, form letter in Spanish in 34 days by registered airmail. V/S: Francisco Fossa Andersen, who is Encargado del Departamento de Relaciones Extranjeras (Michalenka, R.I.)

Radio Universidad, Mérida, 3395 kHz, Xmas card and visiting card only, no QSL, from Leonardo Paez M. (Wood, Hawaii)

Radio Universo, 4880, card airmail in 2 weeks after 3rdf/up. SASE sent. Said they already had sent QSL 1 year ago, but not received here (Field, Michigan)

VIETNAM (N.) Hanoi sent New Year's card, sked, QSL in 2 months by air for 15018 kHz. No return postage sent (Padula, Australia) folder card showing captured U.S. soldier, in 5 months airmail, for 11853. No IRCs (Lobdell, Mass.)

WINDWARD IS: WIBS, Grenada, 11970, brown card in 60 days seemail. Full data, 2 IRCs. (Jacobson, Wisconsin) 3 weeks (Glasberg, P.Q.) 15100, 53 days sent airmail. 1st report not answered. (Glassberg, N.Y.) 21690, in 5 weeks; 2 IRCs sent (Macken, Mass.) 11 weeks; card is red on heavy stock paper; plus sked (Insinger, N.J.)

YUSOGLAVIA: Radio Belgrade has folder card in white, with picture of an island peninsula, w/full data in 3 months. No IRCs (Moore, Ohio) 9620, stamps and book on Yugo-slavia, p/cards in 75 days (Friedman, Massachusetts)

ZAMBIA: ZBS, QSL for 6058 kHz (nominally 6060) airmail. Total time: 103 days. 1 IRC sent. 4 weeks after f/up (Padula, Australia)

BEST QSL CARD

Cellardyke Shortwave Radio Group are conducting a poll in which any shortwave listener in the world can vote. They ask you to list what, in your opinion, are the three (3) best QSL cards issued by any shortwave stations. The cards which can be considered are those issued from the 1st of January, 1967, and if a station has issued several cards in this time, please state which in particular you are voting for.

Each listener who submits his best QSL list is asked to also state what, in his opinion, a QSL card should contain. What does the listener look for when he receives his QSL; is it date, time, or frequency? or what?

The closing date for the vote is Monday, the 31st of March, 1969 and the results will be published as soon after this as possible. QSL REPORT will give you the results as soon as they are known. Why not support this venture, and send your vote in today to: C.S.W.R.G. (Poll), 66 James Street, Cellardyke, Anstruther, Fife, SCOTLAND.

NASWA FOREIGN LANGUAGE REPORTS

A new print of the standard NASWA Spanish, French and Portuguese language forms has recently been completed, and these are available from your QSL Editor .10 each, IRC or SASE. A glance through this month's QSLs RECEIVED will show that they have indeed proven useful to many DXers.

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Radio Tashkent is one Russian regional station which will verify readily, with the above card. Best heard in North America on a frequency of 9600 kHz, parallel to 11925 kHz, Radio Tashkent signs on in English at 1200 and 1400 daily for $\frac{1}{2}$ hr transmissions.

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KEEPING YOUR QSLs

John T. Soneff, of New Orleans writes to say that he mounts his QSLs in a Woolworth's W-13 Scrapbook (\$1.99), which is quite attractive, having gilded designs around the edge, and a coat-of-arms in the centre, and without the word Scrapbook on it anywhere. John says he uses the light gray pages available, with white photo mounting corners. Then, with a black ink pen he notates the city and country underneath or alongside each QSL, and occasionally data re the design of the QSL if not readily apparent. The pages are about 11 $\frac{3}{4}$ " x 13 $\frac{3}{4}$ ", and can therefore easily accommodate letter verifications as well.

NEXT MONTH

April QSL REPORT will again feature the bi-monthly SCOREBOARD, and the emphasis next month will be on OCEANIA; so be sure and have your totals revised by the deadline: March 15th. Next month too, we will feature a special article by special contributor, Henry Michalenka of Rhode Island, on the I.C.R.C. Certificate. Watch for it!! And so, until next month, its Best 73s'es loads of QSLs, GREGG.

Radio Cairo, UAR, may be heard transmitting to North America from 0045-0200 in Spanish and 0200-0330 in English on 9475 kHz, and from 0100-0145 in Arabic and 0145-0245 in French on 12005 kHz. (Radio Cairo from John Soneff, Jr.)

The Vatican Radio is currently broadcasting to North America on 6145, 9615, and 11785 kHz at 0030 in Spanish, 0050 in English, and 0010 in French. Reports on the new 9615 kHz are requested. (Richard Wood).

Radio Austria, Vienna, sends the following schedule, valid from March 2 to May 4th: To North America on 6155 and 9770 kHz from 2300-0400 daily, to Central America from 0000-0200 on 15385 kHz, and to South America from 2300-0000 on 9525 kHz, from 0200-0400 on 11870 kHz, and from 1800-2000 on 15210 kHz. (Radio Austria direct from the station and via John Soneff, Jr.)

The following regional Nigerian stations can be heard: From Lagos, on 4990 kHz from 0430-0730 and from 0745-1630; on 7255 kHz from 0430-1815, and on 3986 kHz from 0430-0615 and from 1800-2300. From Kaduna on 3326 kHz from 0430-0703 and 1630-2230; on 6175 kHz from 0430-2230; on 9655 kHz from 0700-1815, and on 3396 kHz from 0430-0800. From Enugu on 3980 and 6035 kHz from 0500-1900; from Ibadan on 3204 kHz from 0430-0730 and 1500-2230, and on 7285 kHz from 0730-1600; and from Benin on 4932 kHz from 1400-2230. (Radio Nigeria via Larry Lundberg).

Radio Prague, Czechoslovakia, sends the following current schedule: From 0100 and 0200 on 5930, 7345, 9540, 9630, and 11990 kHz to the US and Canada in English, and at 1400 on Sunday on 15448, 17840, and 21450 kHz in English to US and Canada. (Radio Prague via Jim Robinson and Roland Archer).

NBS, Bangkok, Thailand, is drifting, and is currently heard on 11917½ kHz, with the English service at 1025-1130. (Richard Wood).

A new and challenging award "scheme" has just been announced by the Chief Engineer of the BBC, to cover the March-April schedule period. Certificates, with complete verification data, will be issued to all WRC members who participate. Required will be reports on 12 different WRC transmissions, including 3 separate frequencies for each of the BBC main relay stations. As the certificate will comprise a formal QSL, this is a chance to get Malaysia, Cyprus, Ascension, and England with a full QSL.

The Chief Engineer stated that the program would be administered by members of his staff who are "keen SWLs", and that the judging will have realistically high standards. This should be a challenge to the experienced DXer, and yet one that a determined novice can also accomplish, he stated.

The WRC will be happy to furnish schedules and propagation forecasts when the time approaches, but do not write for details of the contest. These will be broadcast later on the World Radio Club. These can currently be heard on Fridays at 2345 on the World Service frequencies to the Western Hemisphere. (WRC via Del Hirst, Texas).

Radio Japan sends the following abbreviated sked: from 2345-0045 on 15445, and 17825 kHz to North America, and from 0130-0330 on 15235, 17725, 17825, and 21640 kHz to NA and Latin America in English. (Radio Japan via John Soneff and Jim Robinson).

Radio Australia has dropped 7190 kHz in favor on 7205 kHz, to avoid intense interference from Radio Peking. Target area is the mid-Pacific, and times are 0830-1215. Reports are desired. (Richard Wood).

Well, that's all for this month. Hopefully, within the next month, I will be able to write each member that reported this month and am looking forward to continuing this practice each month. Keep sending in that good news!! 73, Dan H.

LOG REPORT

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Deadline 15th of Month

ALL TIMES ARE GMT

- 2350 CHINA Foochow Provincial PBS, Chinese opera 1250(Wood) -----
- 2370 INDONESIA[Java] RRI, Surabaya, Indonesian talk 1250(Wood)
- 2410 HAITI R.Lumiere, LWU, French religious program, fine signal(Sizer) 1035 GMT
- 2430 CHINA PLA, Foochow, Mao talk 1250(Wood)
- 2446 REUNION St. Denis, 2/11, s/on 0228 in Fr w/La Marseillaise. ID by woman in Fr. Very poor copy, due to high noise level. Fqy exactly 2446.(Henderson)
- 2660 USA KGAK, Gallup, NM, 2 x 1330, NM nx, ad 1408, 2/8(Hauser)
- 3107 N.KOREA Pyongyang, new fqy, Korean political talk 1300(Wood)
- 3215 VENEZUELA Ondas Panamericanas, 0145 thru heavy RTTY(Sizer)
- 3230 FIJI IS. R. Fiji, in Eng w/BBC nx 0700, 2/4(Glover)
- 3241.5 INDONESIA[C + M] RRI, Ambon, local mx requests 1245(Wood)
- 3245 VENEZUELA R.Libertador, LA mx 0453(Mohrmann) 0130 Italian(Berghammer) ??(DF)
- 3245 BRAZIL R.Educ. Palmares, 0200 Portuguese, thru Venez, (Berghammer)
- 3260 NIGER Niamey, Fr 2130 thru several BCB harmonics(Berghammer)
- 3277 INDONESIA[Java] RRI, Djakarta, political talk 1245(Wood)
- 3280 GRENADA WIRS, fair lvl 0115. First time hrd by me on WCNA(Shaw) Cricket 0745 (Cabral) News 2300(Stuart) Pops 0345, ID 0405(Mohrmann)
- 3293.5 ZAMBIA Lusaka, Eng nx 0400(Wood)
- 3296 BRAZIL R.Educacao Rural, Port 0030, QRM Venezuela, 1/22(Berghammer)
- 3300 BR.HONDURAS R.Belize, relay BBC WS 0246(Figliczzi) BBC nx 0300, off 0430(Stuart)
- 3315 INDIA AIR, Bhopal, Indian songs 1240(Wood)
- 3315 MARTINIQUE, ORTF, Fr mx, IDs 2330(Koukol) Fr w/classical mx 0140(Glover)
- 3322 BOUGAINVILLE. R.Bougainville, local mx, weak 0825, 1/19(Sparks)
- 3334.5 TAIWAN BCC, Taipei, Chinese talk 1245, jammed(Wood)
- 3335 N.GUINEA R.Wewak, fair 1228 Eng ID, s/off w/UK anthem(Koukol) 1100(Shaw)
- 3338 MOZAMBIQUE RCM, 0430 E pgm in Afrikaans, English, 2/3(Green)
- 3346 ZAMBIA Lusaka, Afr mx, Eng/Afrik, ads, 0415(Sparks)0348-0432 Eng/lang (Tuchscherer) Eng talk 1815(Wood)
- 3350 GHANA Ejura list 69 WRTH, not Accra. Nat'l svc, //4915, 0640(Hirst) Fair in lang 0600(Billingsley)
- 3355 N.CALEDONIA Noumea, Fr nx 1055, fair(Breton)
- 3365 DOM REP R.Exitos, Sp mx 0245(Baines) 0331 LA mx(Tuchscherer) ID 0430(Green) 0420 light class mx to 0500 s/off(Estand) 0445 class mx to 0500 s/off(Glassberg)
- 3380 GUATEMALA R.Chortis, 0235 nitely w/marimba mx, s/off 0315a(Hagerman) Past normal 0200 s/off time w/beautiful marimba mx(Niblack)
- 3380 MALAWI MBC, 0315-50 fadeout, Com'l pgm w/requests. Eng/lang ads. New s/on 0300 listed WRTH 69. TCs are GMT + 2. (Hirst)
- 3385 FR.GUIANA. ORTF, Fr nx 0935(Sparks) Exc in Fr 1000-1010(Potter) S/on w/anthem 0915; loud(Billingsley)
- 3385 N.BRITAIN R.Reboul, Eng/Pidgin, good lvl 0730(Cabral) Best 0830-0900(Shaw) Local mx 1106-1145 s/out(Calkin) 1250 country mx, Eng. S/off 1300(Koukol)
- 3391 CHINA R.Peking, Eng to S.Asia 1200(Wood)
- 3391 ECUADOR R.Zarazay, full ID 1135(Wood) ID 1100(Sizer)
- 3396 NIGERIA Kaduna, s/off Arabic, (Koran), 2300, 1/24(Berghammer) Afr mx 0530(Hirst)
- 3396 RHODESIA RBC, Salisbury, Eng nx 0400, 1/22(Berghammer)
- 3535 CHINA PLA Foochow, list, Fukienese 1045, 2/7(Berghammer)
- 3570 ECUADOR LV del Rio Arrizal, mx 0110. Clear ID 0113(Ferguson)

- 39 CHINA CPBS, Hailar, Mongolian 1130, 2/6(Berghammer)
 391 JAPAN FEN, Tokyo, exc 1000 till dawn(Shaw) Sports 0910(Cabral) Eng 0830(Rowell)
 3925 JAPAN JOZ, Tokyo, woman talking 0830, good sig(Cabral)
 3939 PAKISTAN Unknown R.Pakistan station, Urdu rx 1815(Wood)
 3950 CHINA CPBS(Sining or Chinghai?), Mandarin 1030, 2/7(Berghammer)
 3952.5 ENGLAND BBC, WS news 0600-0610(Randall)
 3995 ECUADOR LV del Rio Tarqui, Cuenca, mx 1035, ID 1042(Ferguson)
 3995 SOLCOMON IS. SIRS, 1045-1132 s/off w/BBC nx, mx, anthem(Shaw) Eng and local mx
 0915(Rowell) 1130-1132 full ID, fqys, TC, GSTQ. Rare here(Calkin)
 4040 RSFSR[As] Magadan(list), Russian HS 1130, 2/6(Berghammer)
 4395 RSFSR[As] Yakutsk, Yakut play 1050(Wood)
 4635 TADZHIK SSR Dushanbe, good 0200 in lang(Billingsley) Tadzhik mx 1730(Wood)
 4679M ECUADOR R.Nac.Espejo, Quito, good lvl 0300 w/IDs, ads(Niblack) ID 0541, pgm
 called 'Redonda Redondo'(Mohrmann) Sports nx 0930(Wood)
 4725 BURMA BBS, Rangoon, Burmese 1215(Berghammer)
 4740 ECUADOR R. El Mundo, Guayaquil, weak 0305(Sizer)
 4748.5 CONGO(DR) Lubumbashi, Congolese rhythms 1740(Wood)
 4753 INDONESIA[C + M] RRI, Makasar, Indonesian 1215(Berghammer)
 4755 COLOMBIA Caracol common fqy, Bogota, not Chiquinquirá or Cali, ex 4795, Caracol
 all-night programming 1115(Wood)
 4760 INDIA AIR, Delhi, Eng nx 1530(Sparks)
 4770 ECUADOR R. Cenit, Portoviejo, s/off 0430(Sizer)
 4770 LIBERIA ELWA, BBC nx 0705, local nx in Eng 0710(Hirst) Eng ID 2245(Koukol)
 4770 VENEZUELA R.Bolivar, LA mx, many IDs, 0315(Mohrmann) LA mx 0251(Tuchscherer)
 4772.5 N.KOREA Pyongyang, Korean chorus 1050(Wood)
 4775 BRAZIL R. Dragao do Mar, strong 0912 w/Port nx. ID 0930(M.Kamp)
 4777 GABON R.diff. TV Gabonaise, Fr 0330, poor(Shaw) Afr mx 0630(Cabral)
 4780 VENEZUELA LV de Carabobo, Sp ID 0125(Potter)
 4782A MALI R'Dif. Nat., Fr ID 0700. Hrd from 0605 gaining strength. Seemed //4835,
 which was stronger. Fr amts by woman, 1/27(Hirst)
 4785 AZERBAIJAN SSR Baku, class mx, anthem 0300(Sparks) Russ 0200, flutter(Berghammer)
 4790 ECUADOR Emisoras Atalaya, Guayaquil, relay R.Nac.Espejo nx 1200(Wood)
 4790 MALAYSIA[Malaya] RM, Penang, Malay 1215(Berghammer) Malay talk 1320(Wood)
 4795 ANGOLA R.Comercial, Sa da Bandeira, Port talk on Angola 1745(Wood)
 4795 DOM REP. Onda Musical, LA mx 0225(Tuchscherer) ID 0400(Green) Mx, ID 2358(Mohrmann)
 4800 VENEZUELA R. Lara, many IDs 0250-0315 tune out(Mohrmann)
 4804 KENTÁ Kisumu, talk in non-Swahili lang 1745, s/off 1800(Wood)
 4807 REUNION ORTF, Reunion, nx 1800, s/off Marseillaise 1806(Wood)
 4807 SAO TOME R. Clube de São Tome, fair 0635 w/mx, Portuguese(Ferguson)
 4808.5 W.PAKISTAN. Azad Kashmir Radio, Kashmiri play 1325(Wood)
 4810 VENEZUELA R.Popular, usual LA format 2305(Mohrmann) LA mx, IDs 0200(Tuchscherer)
 4815 ECUADOR Canal Manabita, Portoviejo, new on SW, as early as 0030, to 0300,
 various evenings, many IDs(Field) HCLRS, mx, ID 0600, new (Sparks)
 4820 ANGOLA R.Angola, IS, s/on 0500 w/anthem, Port ID, strong lvl(Barman)
 4820 HONDURAS HRVC, 1135 rel pgm(Randall) Eng 0300(Pyatt) Eng 0314(Figliozzi) Eng
 0353, requesting reports(Barman)
 4823 N.VIETNAM Hanoi, Vietnamese talk 1045(Wood)
 4824 DOM REP Onda Musical, 0430 s/off Sp, //4794. Spur or another tx? 2\2(Berghammer)
 4830 ECUADOR Ondas del Angel, El Angel, various evenings around 0200 w/musical pgms
 (Field) 0232-0300 LA mx, TC, ads, IDs. Fair lvl.(S.Kamp)
 4835 MALAYSIA[Sarawak] R.Malaysia Sarawak, 1200 lang, 2/1(Berghammer)
 4836 BOTSWANA R.Botswana, Gaborone, 0356 cow moo, bird call, anthem 0358, YL s/on
 in lang, then Eng, into Afr song(Hirst) S/on 0359(Field) Eng nx 0430(Sparks)
 Good at s/on, begins to sink by 0430(Dexter) Local lang, drums 0445(Berghammer)
 Lang to 0420, then Eng nx(Billingsley)
 4839 ECUADOR R. Nacional, new, Sp 0215, // 4840(Berghammer)
 4840 ECUADOR R. Nacional, new, Sp 0215, // 4840(Berghammer)

- 5 MALAYSIA [Malaya] Kuala Lumpur, 1215 Hindi(?), LA QRM, 1/29 (Berghammer)
- 4850 MAURITANIA Nouakchott, Fr nx 2214, Arab mx. s/off 2330 (Koukol)
- 4850 MAURITIUS Forest Side, French 1540, poor (Billingsley)
- 4860 VENEZUELA R. Maracaibo, 0406 LA mx (Tuchscherer) 0535-0600 s/off (Mohrmann)
- 4863 BRUNEI R. Brunei, Malay mx 1115 (Wood)
- 4865 BRAZIL Radio Clube do Para, Belem, s/on 0900 w/chimes IS, ID and lite mx (Calkin)
- 4870 DAHOMEY Cotonou, 'Ici Cotonou' 2138, all Fr (Sizer) S/off 2159 w/anthem (Koukol)
French, African music 0615 (Cabral)
- 4870 GUATEMALA R. Santa Cruz, 1210 frequent IDs (Sizer)
- 4870A VENEZUELA R. Tropical, Sp ID, mx 0405, good lvl (Koukol)
- 4871.5 INDONESIA [W. Irian] RRI, Sorong, Indonesian light mx 0945 (Wood)
- 4875 S.AFRICA SABC, 0429 mx box IS, dove call, Afrikaans. Weak. (Hagerman)
- 4880 CONGO (DR) RTC, good lvl from after 0500 tune in, in French (Dexter)
- 4880 DOM REP R. Comercial, Sp ID 0030 (Green) (Tuchscherer)
- 4880 VENEZ. R. Universo, Sp mx, ID 0045 (Koukol) 0316 Bessa Nova mx, old US pops
- 4883.5 BRAZIL R. Pioneira de Teresina, Port nx 0940 (Wood) Pop mx, ID 0830 (Sparks)
Good till R. Universo s/on 1000 (M. Kamp)
- 4884 BRAZIL R. Cult. Poco de Caldas, Port 0300. QRM Colombia (Berghammer)
- 4890 HONDURAS R. Lux, Olanchito, 1200, knocking out Papua most days (Sizer)
- 4890 PAPUA Port Moresby, Eng 0800 (Cabral) Race results, mx, 0850 (McCoy) Pop mx 0925
(Potter) Eng w/classical mx, good sig 1250 (Michalenka)
- 4890 PERU R. Villarica, Huancavalica, 1/30 after Venez. s/off 0400, weak w/musical
progral. WRTH list 4885 (Field)
- 4890 SENEGAL Dakar, French, African music 0700 (Cabral)
- 4890 VENEZUELA R. Dif. Venez., 0025 LA mx, IDs (Koukol) LA pops 0210 (Mohrmann)
- 4895 TURKMEN SSR Ashkabad (list), Russ noted 0415. Woman, piano mx, fair (Dexter)
- 4896v PERU R. Chanchamayo, Sp 300, QRM Brazil-4895 (Berghammer) 0400 after Brazil
s/off (Field) 0430-0509 s/off. WRTH lists QTH as La Merced, which I cannot
locate on any map. (Dexter)
- 4900 ECUADOR LV de Sasquisili, WRTH list 4904, mx, IDs 0500, 2/2 (Field)
- 4900 INDONESIA [C + M] RRI, Gorontalo, Indonesian nx 0930 (Wood)
- 4900 GUINEA Conakry, IS 0555, anthem 0602, s/on 0605 after Fr TC, 2/1. Under heavy
ute QRM usually (Hirst) Strong in Fr, Afr mx 0615, //7125 and stronger (Calkin)
- 4904 CHAD Fort Lamy, Fr nx 0625 good. Weak 0645, 1/31 (Cabral) Mx 2200, QRM Peking
on 4905. Faded quickly (Field)
- 4910 ECUADOR Emis. Gran Colombia, s/off 0557 w/anthem (M. Kamp)
- 4911 DOM REP R. HIN, Sp 1200, 2/1 (Berghammer)
- 4912.5 GILBERT + ELLICE IS. R. Tarawa, in the QRM nitely around 0520 (Shaw)
- 4915 GHANA Accra, classical mx 2205, Eng ID, nx 2245 (Ferguson) Class. mx, Eng, nx,
s/off 2301 (Tuchscherer) Eng 0600 (Cabral) Com'l svc 0615 (Shaw) Eng nx, Afr mx
0615 (Mohrmann) Eng mx after vernacular, 0602 (Hagerman)
- 4915 KENYA V. of Kenya, IS, s/on Afr lang 0300, 1/27 (Sparks) 0310-0325 Afr mx, ads
(Niblack) Noted 0335, fadeout 0430 (Hagerman) Swahili nx 0400 (Wood) Nx 0400,
Afr mx (M. Kamp) Local mx 1530, fair. (Billingsley)
- 4916v COLOMBIA R. Guatapuri, 0245 Sp ID, 'Todelar' (Berghammer) ID 0405, buried (Hirst)
HJSF, ID 0225 (Niblack) Mx 0230, off abruptly for 1/2 hour, during which time
R. El Trebol was hrd (Field) Full ID 0459, just prior to s/off (Dexter). Todelar
ID 1200 (Wood)
- 4916 ECUADOR R. El Trebol, Zarzuma, mx 0250, clear ID 0300. Formerly on 4905 (Field)
- 4920 AUSTRALIA VIM4, hymns 0838, national nx 0900 (Tuchscherer) 1250 (Williams)
- 4920 VENEZUELA R. Caracas, Sp nx, Eng pops 0100 (Mohrmann) S/off 0450 (Hagerman)
- 4924 MOZAMBIQUE R. Clube Lourenco Marques, Portuguese talk 1810 (Wood)
- 4926 EQ. GUINEA [Rio Muni] R. Ecuatorial, music pgm 2215 (Field)
- 4930 VENEZUELA R. Junin, Sp ID 0408 after R. Mil s/off (Hagerman)
- 4932 NIGERIA Benin City, 2230 class mx, ID 2245 (Koukol) Afr mx, Eng/lang ID, TC 0600
then Eng nx (Tuchscherer) Yuban ad, local ID, fqys, TC, etc, 0618 (Calkin)
- 4939 ECUADOR R. Dif. Nac. del Ecuador, class mx, ID, 0430 s/off, since 1/12 (Sparks)
s/off 0426 (Wood) LA mx address for Eng 0455 s/off 0502 (Ferguson)

- 4940 INDIA(Tent.) AIR, Gauhati, 1200 Indian mx, LA QRM, 2/1(Berghammer)
 4941 IVORY COAST Abidjan, good at times, 2200 w/ID, nx(Koukol)
 4944 BRAZIL R. Capixaba, Port 0030, QRM Colombia, 2/2(Berghammer)
 4945 COLOMBIA R. Colosal, 0523 LA mx, many IDs, TCs(Mohrmann)
 4945 S.AFRICA SABC, Paradys, Eng 0430(Cabral)
 4950 MALAYSIA[Sarawak] R.M. Sarawak, excellent 1540 in Eng(Billingsley)
 4955 COLOMBIA R. Nac. de Colombia, s/off 0457(Mohrmann)
 4956 BRAZIL R. Cult. de Campos, Port 0030, 2/7, QRM Colombia(Berghammer)
 4958 CHINA Peking, s/on Japanese 0930(Wood)
 4970 MALAYSIA[Sabah] R.M. Sabah, fair 1340 in English(Billingsley)
 4970 VENEZUELA R.Rumbos, fair 0331 Sp ID, mx(Koukol)
 4972 CAMEROON R. Yaounde, Fr ID 2235(Hagerman)
 4972v COLOMBIA R. Internacional, Cucuta, Sp 0330(Berghammer)
 4975 CHINA CPBS Foochow(list), S.China dialect 1200(Berghammer)
 4976 UGANDA UBCS, Kampala, Eng 2020, improving, 2/2(Berghammer)
 4980 GHANA R.Ghana, Eng mx, good sig, 2230(Hagerman)
 4985 BOLIVIA La Cruz del Sur, closing 0305. Usual tremendous QRM on fqy(Niblack)
 4985 BRAZIL R. Aparecida, Port ID 0920(Potter)
 4985 MALAYSIA[Malaya] R.M., Penang, Eng 1215, bad QRM 1/29(Berghammer)
 4990 KAZAKH SSR Alma Ata, Kazakh talk 1320(Wood)
 4990 VENEZUELA R. Barquisimeto, 0008 LA mx, IDs, TCs(Figliozzi) 0130 Spanish(Pyatt)
 LA mx, IDs 0335(Mohrmann)
 4994 SUDAN Omdurman, Arab talks, mx occasionally from 0400(Ferguson) Arab mx, and
 announcements from 2130 tune in(Calkin)
 4995 BRAZIL R. Brasil Central, Port 0245(Shaw) S/off 0400 on a Sun GMT(Palmer)
 5000 ITALY IBF, ID, time in Italian 0700, covers WWV(Calkin)
 5005 PERU R. Jaen, good 0130 w/LA mx(Potter) Pop mx, ID 0400 s/off(Sparks)
 5010 DOM REP R. Cristal, Santo Domingo, 0500-0600, 2/9, test in Eng/Sp, asking for
 reports to Box 949(not address in WRTH).(Field) Sp 0100(Berghammer)Sp 0200(Sizer)
 5010 PERU R. Ecc, good from 0030, pops, ads, IDs(M.Kamp)
 5012 RHODESIA RBC, new fqy, IS 0350, s/on English 0355(Wood)
 5014.5 ANGOLA Radio Clube de Mocamedes, Port talk 1800(Wood)
 5015 GRENADA WIBS, Eng 2214(Figliozzi) Requests 2257(Hagerman) Good lvl 2320 with
 requests(Potter) Eng nx 2350(Koukol) S/off Eng 2357(Boyd)
 5015 RSFSF[As] Vladivostok, 1/20, man and woman talking 1200, QRM same fqy(ield)
 5018 VENEZUELA R. Carora, audible 2330, QRM Colombia, Xylophone notes 2359(M.Kamp)
 5026 UGANDA Radio Uganda, weak in Eng 0412 tune(Dexter)
 5030 MALAYSIA[Sarawak] R.M. Sarawak, local lang 1230, 1/29. LA QRM(Berghammer)
 5030 VENEZUELA R.Continente, good lvl 0355. S/off w/anthem 0400, 1/22(Hirst)
 5035 BRAZIL R. Anhanguera, Goiania, sports 2200(Field)
 5035 C.AFR. REP. Bangui, Afr mx 2255(Field) Afr mx 0430, Fr/lang past 0510(Ferguson)
 5039v HAITI R. Capois la Mort, Fr 0100, irreg.(Berghammer) Mx, ID 2348, WRTH list
 inactive(Field)
 5040 GEORGIAN SSR Tbilisi, man and woman w/Russian news 0300(Sparks)
 5041 CHINA Unid Chinese stn, Mao talk 0930(Wood)
 5041 PORT.GUINEA Bissau, 2130 Port w/mx(Calkin) New and unlisted morning sked, s/on
 0700 daily except Sunday. Afr mx, talk until 0800. Gong, ID in Port, Port mx
 (Sparks)
 5047 TOGO Lome, Fr ID, mx 2231(Koukol) Fr talk 2256(Hagerman) Fr 0630(Cabral)
 5050 TANZANIA R.Tanzania, fair lvl 0405 with English news(Dexter)
 5050 VENEZUELA R. Cultural, Caracas, 0200 thru much QRM, my 30th Venez.(Sizer)
 5052 SINGAPORE R. Singapura, Eng 1215, LA QRM(Berghammer) Island mx 1425(Cabral)
 5052-54 MONGOLIA Ulan Bator, varies fqy nitely, Mongolian nx 0930(Wood)
 5056 BRAZIL R. Cultura de Guiaba, Port 0030, 2/7(Berghammer)
 5059.5 S.YEMEN Aden, ID 0356, 'Idhaat ul Gumburiyat ul Yamaniyat ul Ganubiyat ul
 Shaabiyat'.(Wood)
 5060 ALBANIA Tirana, s/off H.S. w/Albanian anthem 2158(Calkin)
 5060 COLOMBIA R. Sutatenza, nx 2350. TD 0000(Koukol) Mx, ads, ID 1130(Randall)

- 5 CHINA Peking, Korean talk 0930(Wood)
- 5180 PERU R. Atlantida, dance mx, ID 0400, 2/2(Sparks)
- 5220 CHINA Peking, Tagalog to Philippines 0900(Wood)
- 5316 PERU LV del Altiplano, Puno, Andean mx 0330(Wood)
- 5370 CHINA Peking, s/on Korean 1000(Wood)
- 5925.5 PERU R. Puno, Peruvian mx 0340(Wood)
- 5930 CZECHOSLOVAKIA Prague, Eng 0100-0155(Richardson) Listener's pgm 0150(Mohrman)
- 5935 NICARAGUA R. Difusora Nacional de Nicaragua, Managua, new stn, old US pops 2345, 2/1(Niblack) 0230, 2/2, IDs on 1/4 hour, mostly mx(Anderson) ID 0130, 2/2(Potter) Sp 0253, 2/3(Jeeves) S/on 2330-2350v, till 0400 or 0500v, from 2/4.(Tnx to Al Niblack).(Hirst) Many IDs 0115-0200, 2/4(Randall) S/off 0400, 2/6(Sparks) Exc. evenings, s/off 0500 one night, 0400 the next(Dexter) Around 0300, 2/7 w/classical mx, excellent(S.Kamp) ID 0300, s/off 0400(Shaw) See also 11875(DF)
- 5940 USSR (Magadan, Minsk listed), believe Magadan, 1/10, 0550-0610 Russ HS. Magadan on 4820 and 9500 operates this early. Some RTTY QRM.(Palmer)
- 5950v ALBANIA Tirana, Bulgarian 0400(Berghammer) Polish 0530-0550(Rowell)
- 5955 GUATEMALA TGNA, Eng 0300(Pyatt) Eng rel 0300(Reynolds) Strong 0430 Eng(Cabral)
- 5960 GREENLAND Grønlands Radio, Danish radio play, mx 0015, 2/2. 5980 best(Glover)
- 5960 ANGOLA A Voz de Angola, 0455-0525 t/o w/class mx, nx. Good sig, poor mod(S.Kamp)
- 5960 HONDURAS LV de Occidente, HRHH, full ID 0000, past listed WRTH s/off time (Calkin) Spanish 1230, 2/6(Berghammer)
- 5970 CANADA CBC, Northern Svc, Eskimo 0415, 2/8.(Berghammer)
- 5975 BRAZIL R. Guaruja, Florianopolis, 2330 strong w/Brazilian pgmg, ads(Hirst)
- 5975 CHINA R. Peking, Korean 1130(Berghammer)
- 5980 GREENLAND Grønlands Radio, //5960 at 0015, this fqy best, 2/2(Glover) Very tentative - after 2300 on 1/5 and 1/11, not hrd since. Seemed to be Danish to 2330, ID not read, either bells or celeste w/little tune. Into very exotic lang, at first like Arabic, then I thought Eskimo. Early fade. Any clues?(Hirst)
- 5980 NETHERLANDS R.Med., Sp 2155, //6085. S/off 2220. App ex-6025, unhrd(Ferguson)
- 5982 PERU R.Panamericana, Spanish news 0345, 1/22(Sparks)
- 5985 ARGENTINA R. Splendid, Buenos Aires, national music 0930(Wood)
- 5985 W.GERMANY RFE, Biblis-4, 50 kw, Hungarian commentary 0800(Padula)
- 5985 TANZANIA R. Tanzania, 0415, Swahili com'l svc after WNYW s/off(Hagerman)
- 5985 TUNISIA R. Tunis, Koran 2330, off 2335, 1/22(Hirst)
- 5987 INDONESIA[C + M] RRI, Menado, local ID 1015(Wood)
- 5990 SWEDEN R. Sweden, 1000th SCDX 0030, 1/8(Hirst) A recent SCDX indicates the summary will no longer be mailed after February and that the program itself is 'in danger'. This would truly be sad.(DF) 1/23, 0200 w/no VOA on 5995, must be a mistake(Michalenska)0030Eng(Banta, Boyd, Green)Eng 0200(Mohrman, Richardson)
- 5995 COLOMBIA LV del Pueblo, airs 'Radio Noticias' 2330-2355. Alka Seltzer ads(Niblack)
- 5995 MARTINIQUE ORTF, Fort-de-France, 2330, after RAI 5990 s/off, to past 2330 w/lite music, quiz pgm, ORTF/Paris nx 2300, then local nx(Calkin) France-Inter nx 2300, local nx 2330(Marcus)
- 6000 AFGHANISTAN Kabul, HS w/IS, ID prior to 0200 when VOA-5995 s/on(Shaw)
- 6000 BRAZIL R. Inconfidencia, fair 0000(Pyatt)Port ID 0050(Potter)0100 ads, ID(Hirst)
- 6000 SAUDI ARABIA Riyadh, 1850 Arabic talks, mx. Well hrs. (Padula)
- 6000 SINGAPORE R. Singapura, gongs, Chinese commercials 1025(Wood) Mandarin 1130 (Berghammer)
- 6005 BOLIVIA R. Progreso, weak 0330 behind CFCX, hard to copy here(Dexter) 1100 ID, news(Field) ID 0400, weak, but in clear(Shaw)
- 5 CANADA CFCX, Montreal, Eng 0038(Boyd) Often after 0600 w/usual pop mx(Shaw) Commercial programming 0100 in Eng, good sig(Figliozzi)
- 6010 ITALY RAI, Eng to NA 0100(Baines) 0109 Eng to NA, strong(Boyd)
- 6015 BRAZIL R.Cl. de Pernambuco, Port talks 0055(Potter) Port talks 0856-0931(M.Kamp)
- 6015 SWITZ. SBC, s/on Sp to LA 2130(Padula) End Port, begin Sp 2206(Figliozzi)
- 6020 MEXICO El Eco de Sotavento, after VOA 0515. Beware LV de Colombia(Ferguson)
- 6020 RSFSR[As] Khabarovsk, listed, Russian 0000, 1/22(Ferguson)
- 6020 COLOMBIA LV de Bogota Sp 0500. QRM Peru. XEUW. 2/2(Berghammer)

- 6025 HAITI R. Caraibes, French 1130, also 0330(Berghammer)
 6025 ITALY RAI, new fqy, s/on Rumanian 2135, 5 min after Lisbon closes(Padula)
 6025 MALAYSIA[Malaya] R.M., Kuala Lumpur, 1130 Chinese, QRM Haiti(Berghammer)
 6025 PORTUGAL R.Port, Eng to ANZ 0815, annc 21495, unhrd(Padula) Eng request pgm
 2100(Baines) Eng to NA 0200-0245, DX Monday(Figliozzi) End NA svc 0245(Mohrmann)
 0200-0245 cmtry, mx, Eng to NA, good signal(Panta)
 6030 W.GERMANY SDR, Muhlacker, Ger talk 0500(Calkin) Fair 0535 w/mx(Marcus)
 6031 PHILIPPINES FEBC, Eng 1230, 2/6(Berghammer) Tagalog talk 1000(Wood)
 6035 LIBERIA VOA, Monrovia, Eng nx 2109(Potter) Special Eng 2200(Figliozzi)
 6035 MONACO R.Monte Carlo, Fr mx 0515(Reynolds) Fr 2030, mix VOA, 2/2(Berghammer)
 6040 W.GERMANY VOA, Munich, fair 0520 w/English(Marcus)
 6040 COLOMBIA LV del Tolima, Ibague, 1025, poor modulation(Sizer)
 6040 SINGAPORE FBS, Singapore, relay BBC nx 1115(Wood)
 6040 TRUCIAL OMAN Voice of the Coast, Sharjah, full Arabic ID, Arabic nx, 1500(Wood)
 6045 INDONESIA[Java] RRI, Djakarta, Indonesian 1130, QRM Panama, +1.(Berghammer)
 6050 CYPRUS BBC, Eng by Radio, 1830(Padula)
 6050 ECUADOR HCJB, 'DX Party Line' to Pacific 0930-1000(Randall)
 6050 ITALY RAI, new fqy this svc, Slovak talk 1840(Padula)
 6050 MOZAMBIQUE RCM, after 0400, pop mx, ads for taxi driver training(Shaw)
 6055 BRAZIL R. Panamericana, Port 0115(Berghammer) Mx, talk from 0145 tune(Dexter)
 6055 RWANDA R. Rwanda, Fr cmtry and Afr mx 1905(Padula)
 6058 ZAMBIA Lusaka, drift from 6060, African songs 1900(Padula)
 6060 CUBA Havana, Spanish cmtry 0015(Mohrmann)
 6060 SICILY RAI, Caltanissetta, Italian variety pgm 1840(Padula)
 6065 BRAZIL R. Nac. Brasilia, Port 0115(Berghammer)
 6065 USSR New fqy for Moscow Eng to Afr 1830(Padula)
 6067 COSTA RICA R. Reloj, 0215 Sp IDs, mx(Koukol) LA mx 0245(Mohrmann) Sp 0330
 (Caldwell) 0536 Sp, and good pop mx. ID after every record(Palmer)
 6070 BULGARIA Sofia, IS, s/on Fr 1900(Padula) 2130 s/on Eng (Potter)
 6070 CANADA CFRX, Toronto, mx 0820(McCoy) News 1000(Baines)
 6071v THAILAND NBS, Bangkok, Thai 1130, over CFRX 2/7(Berghammer)
 6075 W.GERMANY DW, German 0925, odd time(Padula)
 6077 HONDURAS LV del Junco, Sp 1130, 2/7(Berghammer)
 6080 ALGERIA Algiers, Parisian accordion mx 0610(Wood)
 6080 ENGLAND VOA, Woofferton, 0540 Hungarian to Eur(Palmer)
 6080 E.GERMANY RBI, Eng to UK noted 2223(Figliozzi)
 6080 JAPAN R. Japan, Korean 1200(Berghammer)
 6082 PERU R. Nacional, strong 0015 w/IDs, Peruvian mx to 0030(M.Kamp)
 6090 AUSTRALIA VLI6, Sydney, ABC nx, cmtry 0900(Calkin)
 6090 CYPRUS BBC EMR, Big Ben, Arabic svc, 0500, weak 2/9(Hirst)
 6090 DOM REP HISD, Eng rel pgm 0215(Shaw) Eng rel pgm 0315(Cabral)
 6090 LUXEMBOURG R. Luxembourg, Saturday bingo to 1930, light mx, hrd daily(Calkin)
 6090 NIGERIA Kaduna, Eng/Hausa, Pepsodent com'l, poor 0530(Reynolds)
 6095 IRAQ Baghdad, Eng 1930-2020, 2/2(Berghammer) French around 2100(Potter)
 6095 ITALY RAI, Rome, s/off Sp 0410(Reynolds) Eng 0435, //7275(Marcus)
 6100 YUGOSLAVIA R. Belgrade, Sp 2155(Marcus) S/off Eng 2330(Adkins)
 6104 HAITI La Voix de la Rev. Duv., excellent lvl 2000 w/Fr ID(Potter)
 6105 INDONESIA[Java] RRI, Djakarta, chant til 1230, begin Arabic, exc sig(Shaw)
 6105 MEXICO Merida, LA and jazz mx 0430, fine sig(Tuchscherer)
 6110 CHINA CPBS, Chinese opera 1200(Berghammer)
 6110 ENGLAND BBC, fair 0730 w/detective story(Randall)
 6110 NETH ANTILLES TWR, s/on 0800, then rel mx(Randall)
 6120 SWITZERLAND SEC, to MA, end Eng 0230, then Swiss-German(Mohrmann) Eng to WCNA
 0445-0545(Rowell) Eng 0200, DX pgm, weak(Michalenka)
 6121 MEXICO XETS, s/on Spanish 1200, QRM Haiti(Berghammer)
 6125 BELGIUM Brussels, Eng to NA 0050-0115(Adkins, Boyd, Figliozzi)
 6130 NORWAY R. Norway, Norse nx 0600, better than //9645(Shaw)
 6130 CANADA CBC, Halifax, Eng 1130(Boyd)

- 5130 SPAIN RNE, English 0100(Baines)
- 5135 POLAND Warsaw, begin Polish 0300(Marcus) Mx 0300, Polish nx 0330(Tuchscherer)
Begin Polish 0400(Wood)
- 5140 BURUNDI La Voix de la Revolution, 0412 mx, nx, QRM BBC same fcy(Field)
- 5140 ENGLAND BBC Eur Svc, fair 0545 in Greek(Reynolds)
- 5143 BRAZIL R. Nacional do Rio, s/off 0417 (not on 6145). (Wood)
- 5144 BIAFRA V. of Biafra, back from 6099, Eng cmtry 0615(Sparks) Eng ID 2200(Koukol)
Eng 2230(Tuchscherer) ID 2330(Niblack) Fair w/nx 0630(Dexter) 0700(S.Kamp)
- 6145 W.GERMANY DW, Eng to WCNA 0530(Palmer)
- 6145 VATICAN Vatican Radio, 0050-0130 Eng to NA, strong(Boyd)
- 6150 COSTA RICA R. Atenea, Sp 1100(Berghammer) 0206 lite mx, ads, IDs(S.Kamp)
0500 Sp, pop mx, good(Caldwell)
- 6153.5 IRAQ R. Baghdad, Arabic 0300, //7180(Berghammer)
- 6155 AUSTRIA Vienna, request rpts in Eng 2100(Baines) S/on Ger/Eng/Fr/Sp 0000(Boyd)
Multi-lingual ID 0045, annc 17715 SEA, 7245 to Eur, 6155(Richardson)
- 6155 SINGAPORE R. Singapura, Malay pops 1330, over FEN(Wood)
- 6157 URUGUAY R. Carve, caught w/ID in Sp around 0100, fair lvl(Potter)
- 6165 RSFSR[As] Vladivostok, Moscow Cantonese 1200(Berghammer)
- 6165 S.VIETNAM VTVN, Saigon, good 1300 under XEWW, daily(Shaw)
- 6170 PHILIPPINES PBS, pop mx and Eng ID 0830(Sparks)
- 6176 CHINA Shansi Provincial PBS, Sian, Mao talk 0950(Wood)
- 6178 COLOMBIA R. Nacional, Sp 0300, 1/31(Berghammer)
- 6184 ALBANIA Tirana, 0230 Sp, new fcy(Berghammer)
- 6190 VATICAN Vatican Radio, begin Italian to Eur 1830(Padula)
- 6195 HAITI R. Haiti, Fr nx 0255(Berghammer) Fr 0250(Marcus) Often w/exc and
consistent sigs around 0245, pwr up(Niblack) 2330 class mx, Fr ID 2345(M.Kamp)
- 6208 ALBANIA Tirana, Eng to NA 0230(Mohrmann, McCoy) Eng 0130(Boyd, Cabral, Green)
- 6225 CHINA CPBS, S. China dialect 1100(Berghammer)
- 6250 EQ.GUINEA[Fernando Poo] R. Santa Isabel, 2148 Sp song, light mx 2210(Ferguson)
- 6250 PERU R. Cuzco, Sp nx 0300(Sparks)
- 6289 N.KOREA Pyongyang, Korean talk 1000(Wood)
- 6310 MONGOLIA Ulan Bator, Mongolian nx 0930, //5052-54, not //7258.5v(Wood)
- 6344 CHINA Peking, Mao frenzy 0800, //7095, 7190, 7335(Wood) Chinese opera 1200
(Berghammer)
- 6478v N.KOREA Pyongyang, 1100-1200 Eng(Berghammer) Eng 1445, Fr 1501(Glavich)
- 6701 PERU(Tentative) R. Delcar, LA mx, Sp 0038, Heavy QRM, 2/2(Ferguson)
- 6841 CHINA Tentatively Huhhot, Inner Mongolia, Chinese 2310, QRM(Dexter)
- 7097.5 INDONESIA[Java] RRI, Jogjakarta, new fcy, local ID 1030(Wood)
- 7105 SPAIN RNE, Madrid, fair lvl in Sp at s/off 2157(Marcus)
- 7115 ANGOLA My tentative R. Melanje is now definite, see December 1968 Frendx(Shaw)
- 7118.5 INDONESIA[Bali] RRI, Denpasar, local ID 1030(Wood) Indon. 1130(Berghammer)
- 7120 MALAYSIA[Malaya] BBC, Tebrau, Viet. 1145(Berghammer) 1620-1740 WS. QRM 1700
from BBC Eur Svc same fcy. London faded by 1720, clearing Tebrau(Palmer)
- 7125 GUINEA Conakry, s/on 0600 w/hymn, Afr mx. Fade by 0620(M.Kamp) Fr IDs, as late
as 0830(Wood) Fair 2250 w/Afr mx(Marcus)
- 7125 MONACO TWR, test Jan 10, mx, Eng ID, 2000-2105 s/off. Strong(Padula)
- 7125 POLAND Warsaw, Polish 0645, //7285. Eng 0700, listed //7285 not hrd(Padula)
- 7135 MONACO R. Monte Carlo, Fr 0825, fade 0915(Padula) Fr, Italian 0530-0600(Marcus)
- 7139 INDONESIA[C + M] RRI, Ambon, Indonesian dance mx, ID 0840(Sparks)
- 7140 CYPRUS BBC, EMR, BEC nx 0300(Marcus) WS relay 0315(Menna)
- 7145 POLAND Fr cmtry 2k45(Padula) Polish 2340(Marcus)
- 7145 PORTUGAL RFE, Lisbon-2, 250 kw, Polish talk 0655(Padula)
- 7145 MALAYSIA[Sarawak] R.M. Sarawak, s/on 1400 by YL. Island mx, well hrd(Shaw)
- 7150 USSR Moscow NA svc 2300. Serpukhov, Lvov listed(Brown) Nx 0500(Curran) Relay
'R. Kiev' to 0058, Moscow relay 0100(Menna)
- 7150 INDIA AIR, Gauhati, Hindi 1215, 1/27(Berghammer)
- 7155 FRANCE ORTF, fair w/Fr nx 0505(Marcus)

- 71 MALAYSIA[Sarawak] R.M. Sarawak, Kuching, Eng 1130(Berghammer)
 7150 MOROCCO[Tangier] VOA, good 0400 in Slovene(Marcus)
 7165 CHINA CPBS, Peking, Mao shouts 0800, //7095, 7190, 7335(Wood)
 7165 LIBYA El Beida, good in Arabic w/vocals 2210(Potter)
 7170 SINGAPORE R. Singapura, Tamil talk 1200(Wood)
 7175 RAI Rome, 2nd pgm, Italian cmtry, mx 0815(Padula)
 7175 SICILY RAI, Caltanissetta, Italian mx 0515(Marcus)
 7180 IRAQ Baghdad, tentatively noted w/Arabic 0500(Marcus)
 7185 ENGLAND BBC Europe, s/on Sp 2115(Padula)
 7200 PORTUGAL RFE, Lisbon-4, 250 kw, new fqy, s/off Czech 2330(Padula)
 7200 SUDAN Omdurman, Sudanese mx, Arabic ID 0505(Wood)
 7200 YUGOSLAVIA R. Belgrade, s/off 0130, good(Potter)
 7205 AUSTRALIA RA, new fqy, recommended by me to avoid Peking 7190, s/on Feb 9, 0830.
 S/off 1215. Power 10 kw, beamed to Mid-Pacific.(Wood)
 7205 GREECE VOA, Thessaloniki, briefly out of QRM 2210 in Eng after over 100 tries
 in 7 months!(Sizer) S/off 2300, Eng ID(Marcus)
 7210 SWITZERLAND ICRC, 2300-0000, Jan 20/22/24, in Eng/Fr/Sp. Next March 24/26/28.
 Tx now in Beromuenster. (Calkin, Marcus, Michalenska)
 7213 SENEGAL Dakar, s/off in French, weak(Marcus)
 7220 SAUDI ARABIA Riyadh, Arab songs 1815(Wood)
 7225 INDIA AIR, Delhi, Indian mx, Eng IDs 1815(Wood) Eng nx 1945(Baines)
 7225 MOROCCO Rdiff Marocaine, Sebaa-Aioun, classical mx 0825(Padula)
 7230 ENGLAND BBC, time pips, then nx 0300(Baines)
 7230 MONACO TWR, s/on Ger, rel nx, Eng ID, s/off 0845(Padula)
 7233v EGYPT Cairo, s/on Arabic 0300, 'V. of Arabic', ex 7213(Berghammer)
 7235 MALAYSIA[Malaya] BBC, Tebrau, world news 1000(Wood)
 7240 RSFSR[Eur] Tula, NA svc 0430(Brown)
 7245 AUSTRIA Vienna, class. mx 0510(Marcus) Weak 0700 s/on Eur svc in 4 langs(Shaw)
 Mx 0730, Eng ID 0800(McCoy) Arabic talk after multi-lingual ID 0900(Padula)
 7250 SINGAPORE R. Singapura, Malay 1215(Berghammer)
 8255 PORTUGAL RFE, new fqy, Lisbon-14, 50 kw, Rumanian 2235(Padula) Rum. 2200(Marcus)
 7260 ENGLAND BBC, relay Canada in Polish, s/off 2115(Padula)
 7260 S.AFRICA SABC, under BBC, clear after BBC s/off. In Afrikaans, internal svc.
 S/off 2120 w/anthem(Padula)
 7265 RSFSR[As] New, 1200 Moscow Japanese(Berghammer)
 7270 DODECANESE IS. VOA, Rhodes, ID, QTH in Eng 2230, then Arabic(Koukol)
 7275 ITALY Rome, s/on Port 2110. To Portugal?(Padula)
 7280 FRANCE ORTF, Arabic 2055, //9585(Marcus)
 7280 USSR 'R. Kiev' ID 2030, into Ukrainian. (Monday GMT.) New fqy. (Padula)
 7285 SPAIN R. Liberty, s/on Russian nx 2200(Padula)
 7288M N.VIETNAM Hanci does vary. Noted as high as 7290. Eng 1200(Niblack)
 7290 ITALY Rome, s/on Czech 1815, mixed w/Ethiopia(Padula)
 7295 MONACO TWR, s/on Eng 0625(Cabral, McCoy, Mohrmann, Rowell, Rudolph, Stuart,
 Wood) 0735 Eng rel pgm (Tuchscherer)
 7295 CLANDESTINE 2320, 'V. of Purple Pumpkin', anncing WJMJ, Free State, USA, w/pops
 to 2331 in SSB. I have a tape of it(Hagerman)
 7295 MALAYSIA[Malaya] R.M., Penang, Eng nx by man 1100 (Padula)
 7300A ALBANIA Tirana, s/on 0200, no Eng(Cabral) Polish 0530, Czech 0600(Padula)
 7300 E.GERMANY RBI, Eng nx 1745 (Baines)
 7325 ENGLAND BBC, Arabic svc 0535-0545 s/off, good lvl. To Afr, ME (Palmer)
 USSR Tentatively Minsk, s/on 0530 w/ID, classical mx(Shaw)
 7335 CHINA Peking, Chinese 2230-2350, QRM CHU(Randall)
 7580 N.KOREA Pyongyang, Eng to SEA 1401, weak (Figliozzi)
 9009 ISRAEL Kol Israel, Russ nx 1530(Shaw) Fr nx 2105(Randall) Eng 2045(Green).
 Test tx to NA in Eng 0400-0445, exc sig.(Calkin, Figliozzi, Marcus)
 9360 SPAIN RNE, Sp 0140, mx(Boyd) S/off Sp 0250(Mohrmann)
 9440 CHINA R. Peking, Sp 2300 (Glassberg)
 s/off Sp 0200(Green) Eng 0001(Figliozzi)

- 94 ALBANIA Tirana, Arabic 0350(Rowell) 9475A, Eng 1830(Mohrmann)
- 9475 EGYPT Cairo, Eng to Eur 2205-2300 s/off(Barman, Estand, Penn) Eng to NA 0200-0315 (Boyd, Banta, Green, Richardson) Arabic 0350 (Rowell)
- 9500 ALBANIA Tirana, 0930 s/on Eng to Australia(Padula) 1528 IS, s/on Arab(Shaw) Eng nx 0630(Barman) Eng 0030 (Randall) Eng 0150 (Glassberg)
- 9500 E.GERMANY RBI, s/on Eng to NA. QRM Albania after 0130(Boyd)
- 9505 DOM REP. HISD, Eng rel pgm 0030(Breton) UN pgm, ID 0130(Randall) Sp ID 1430.. Ad for Monte Carlo cigarettes(Mohrmann) 1804 Eng/Sp ID, Eng rel,(Penn)
- 9509v SUDAN Khartoum, Arabic 0400, //1991(Berghammer)
- 9510 AFGHANISTAN Kabul, Eng 1800-1830 daily, new fqy. (Calkin)
- 9510 RUMANIA Bucharest, begin French 1830 after Kabul s/off(Calkin)
- 9512 PERU R. America, Sp 0330(Berghammer)
- 9515 MEXICO LV de la America Latina, 1430 Mex. mx, ad for chocolate, fair(Mohrmann)
- 9515 TURKEY R. Ankara, Turkish mx 1935(Marcus)
- 9520 DENMARK R. Denmark, 1/21 to NA 0100-0230, first time in months. Noted thru jamming occasionally since(Calkin) 0215 end Eng, for once no jamming(Marcus)
- 9520 W.GERMANY R. Liberty, thru jamming 0210, in Slavic lang(Calkin)
- 9520 KUWAIT R. Kuwait, Arab mx 0400(Calkin) Thru jamming 0445 in Arabic(Calkin)
- 9520 N.ZEALAND R. New Zealand, news 0600(Shaw)
- 9520 PERU R. La Cronica, good 0139 w/LA mx(Potter)
- 9525 POLAND Warsaw, s/on Sp to Eur 2030. New fqy, this transmission(Padula)
- 9525 S.AFRICA R. RSA, very weak under Havana 0400 w/Eng ID (Barman, Jeeves)
- 9530 PHILIPPINES VOA, Poro, 1935 Vietnamese. QRM VOA-Woofferton(Padula)
- 9540 NEW ZEALAND R. New Zealand, 0606 news, day's sked, music(Tuchscherer)
- 9545 GHANA R. Ghana, Eng cmtry 2145(Mohrmann)
- 9550 BELGIUM RTB, 2115 multi-amnt(no Eng), IS, lang(Niblack) Eng 2210(Baines)
- 9550 NORWAY Oslo, nx in Eng 0205 tuning, good lvl(Niblack) S/on Eng 0300(Shaw)
- 9550 TANZANIA R. Tanzania, 1315 fair lvl Afr mx (Potter)
- 9555 FINLAND FBC, s/on 1000 w/IS, ID, //15185 also hrd(Padula)
- 9555 CUBA Havana, Sp cmtry 2235(Padula)
- 9560 AUSTRALIA R. Australia, 0903 nx, mx to s/off 0914(Tuchscherer)
- 9560 BULGARIA Sofia, s/on Greek 0600(Wood)
- 9560 JAPAN NHK, Eng nx 1300(Berghammer) Open Eng 1600. Occasionally QRMs Amman opening Eng same time. Do not confuse. (Calkin)
- 9565 USA VOA, Greenville, local ID 2300 s/on, 1/22(Penn) Thank you cards would seem to be in order to the VOA.(DF)
- 9565 RWANDA DW, Kigali, fair in Eng 0430(Marcus)
- 9570 AUSTRALIA RA, Eng mailbag 1130-1145 (Randall)
- 9570 CHILE R. Portales, s/on 0900 w/full ID, nx. Now GMT-3, summer time(Padula) Good ID 0255, strong w/het(Hirst) 9572, Sp 0400. (Berghammer)
- 9570 QATAR QBS, Doha, Arabic nx 0435. Beware Kuwait (Wood)
- 9570 KUWAIT KBS, new fqy, Arabic 0400, //9520, 11735. Do not confuse Qatar. (Wood)
- 9575 ITALY RAI, Eng to NA 0100-0120. (Boyd, Caldwell, Green) (Berghammer)
- 9575 USA. WNYW, new fqy, Sp 0425, //9615(Padula) Sp 0330-0500, //9615, 11740, 11855 \
- 9580 AUSTRALIA R. Australia, Eng DX pgm 1300, Sunday(Estand)
- 9580 ENGLAND BBC, World Service 0115(Green)
- 9585 EGYPT Cairo, 2055-2135 Arabic w/mx, nx 2100. Is this 'Main Arabic Pgm'?(Palmer)
- 9587.5 INDONESIA[Java] V. of Indonesia, Djakarta, Eng nx 1115(Wood)
- 9590 CHILE R. Presidente Balmaceda, full ID 0900 s/on(Padula)
- 9590 NETH ANTILLES R. Ned., TWR relay, s/off Sp 0450(Mohrmann)
- 9595 AUSTRALIA R. Australia, Darwin, s/on Indonesian 1000(Wood)
- 9600 CZECHOSLOVAKIA Prague, begins Arabic 1930(Padula)
- 9600 ETHIOPIA ETLF, 0350-0425 s/off. Swahili to 0400, Eng to s/cff. Good sig(Palmer)
- 9605 JAPAN NHK, s/on Eng 1700, good. (Shaw)
- 9605 W.GERMANY DW, 1900 Eng to ECNA, to 1910 s/off w/nx. Heavy QRN(Penn)
- 9610 AUSTRALIA VLX9, Perth, 1115 Eng(Sizer, Pops 1335(Klemens) Mx 1345(Marcus) Mx 1132(Figliozzi) 1500(Moeller) S/off 1532(Mohrmann)
- 9610 AUSTRIA Vienna. IS thru Moscow 1800(Wood) Multi- ID 1830, //6155, 15210(Calkin)

- 961 VATICAN Vatican Radio, IS, Fr to Canada C110(Richardson)
 961 COSTA RICA LV de la Victor, Sp ID 0130(Brown)
 9615 MOROCCO[Tangier] RTVM, French sports 1940(Marcus)
 9615 MOROCCO[Tangier] VOA, 0345 s/on Bulgarian w/local ID(Palmer)
 9615 VATICAN Vatican Radio, Eng 0050, //6145, 11785(Anderson) Eng 0050-0103(Banta)
 Eng 0050(McCoy) Sp s/on 2330(Boyd)
 9616.5 S.VIETNAM VTVN, Saigon, Viet. political talk 1115(Wood) 1430 (Berghammer)
 9620 BRAZIL R. 9 de Julho, Port ID 0045 (Green)
 9620 FRANCE ORTF, French, pops, 0100(Caldwell)
 9620 YUGOSLAVIA R. Belgrade, Eng 2200-2215(Banta, Figliozzi, Glassberg, Jeeves, Marcus)
 9630 BULGARIA Sofia, Eng nx 2130(Niblack) Eng to 2200, //9700(Calkin) Fr 2220,
 // 6070(Marcus)
 9630 CZECHOSLOVAKIA Prague, Eng 0330(Caldwell) 9635, ID 0100(Green) 1210(Randall)
 9630 ITALY RAI, 0100 s/off Sp, 1/28(Green)
 9640 RSFSR[Eur] Moscow, list, 0500 NA svc(Brown) 0435 Eng to NA (Palmer)
 9645 COSTA RICA TIFC, Eng 0300-0400, (Brown, Caldwell, Pyatt, Rudolph)
 9645 ECUADOR HCJB, Spanish rel pgm 0655(Mohrmann)
 9645 NORWAY R. Norway, Norwegian 2340(Rowell)
 9650 CHILE R. Yungay, s/on 1000 full ID, anncd all fqys(Padula) ID, TC 1035(Wood)
 9650 W.GERMANY DW, Eng to NA 0445(McCoy)
 9650 GUINEA Conakry, Afr mx 2205(Marcus) Afr mx to 2230(Koukol)
 9650 NETH ANTILLES TWR, Eng 0330-0400 s/off(Caldwell)
 9654 PERU R. Nor-Peruana, Chachapoyas, Peruvian mx 0230(Wood)
 9654 THAILAND NBS, Bangkok, Thai 1300(Berghammer)
 9655 W.GERMANY DW, s/on Port to Brazil, 2140. Sp 2240(Mohrmann, Palmer)
 9655 JAPAN NHK, Home Service relay, Tokyo, jazz 0650(Wood)
 9660 BULGARIA Sofia, Eng to Eur 2130(Brown) Fr to Eur 1900(Penn) 1936(Figliozzi)
 9655 SWITZERLAND SBC, Eng 1130, late reception, 1/30(Berghammer) 2000 Eng to UK,
 Ireland.(Penn, Palmer)
 9667.5 S.VIETNAM VTVN, Hue, Vietnamese mx 1320(Wood)
 9666 BRAZIL R. Nac. Brasilia, Port 0415(Berghammer) Out of order, sorry.(DF)
 9670 JAPAN NHK, Eng to Afr, S.Asia, to 1700(Hirst)
 9680 AUSTRALIA VLH9, Melbourne, fair lvl 1205 w/ABC nx(Marcus)
 9680 PORTUGAL R. Portugal, DX pgm, mx to 0245 s/off(Randall)
 9682 ARGENTINA RAE, Eng 0600-0655(Banta) Good in Eng 0600 w/nx(Glassberg) ID, nx
 0600(Rudolph) Lang 0900-1000(Randall)
 9685 E.PAKISTAN Dacca, Eng to 1700, s/off 1730. Since 1/26(Glover)
 9700 BULGARIA Sofia, Eng to Afr 2105(McCoy) Eng 0000-0030(Banta) Mx 0030(Baines,
 Randall) Eng 0013(Boyd) DX 0415(Mohrmann) Eng 0400-0430(Rowell) Spanish 0440-
 0450. Their anncr has a very heavy Italian accent atop his Spanish(Palmer)
 9700 FRANCE ORTF, Eng nx 0520(McCoy) Eng nx to Afr 0500(Figliozzi) Fr 0505(Marcus)
 9710 ITALY RAI, Eng nx to Eur 1940(Figliozzi) Sp ID 0100(Randall)
 9715 PHILIPPINES FEBC, Eng to Asia 1730(Shaw)
 9730 CONGO REP ORTF, Brazzaville, good 1905 in French(Marcus)
 9745 MALI R.diff. du Mali, tentative, fair sig in Fr and Afr rhythms 0620(Shaw)
 9750 CHILE Soc. Nac. de Minería, s/on w/full ID 0955. World news 1000(Padula)
 9755 HUNGARY Budapest, new fay, Eng to NA 0300-0400(Berghammer) Weak 0255 ending
 Hungarian (Marcus)
 9755 RSFSR[As] Moscow Eng to FE/Pacific 1130, fair(Penn)
 9755 W.Pakistan Karachi, Eng 1900(Baines)
 9755 GHANA R. Ghana, poor 2020 in Eng(Glassberg) Eng nx 2000(Baines) 2045 Afr chants,
 s/off 2102(Mohrmann)
 9760 SPAIN RNE, Eng to NA 0100-0140(Banta) Eng 0300, good(Caldwell)
 9765 W.GERMANY DW, Eng to East Asia 2151, excellent(Calkin)
 9768 PERU R. Amazonas, Spanish 0415(Berghammer)
 9770 AUSTRIA Vienna, multi- ID 2300(Penn) 0030 light mx to NA(Figliozzi) Now dual
 6155 every day, at 0000-0400 w/Ger-Fr-Eng-Sp to Americas(Berghammer)

- 790 EGYPT Cairo, Arabic mx, ID 2230(Randall)
 833 HUNGARY Budapest, Eng 2218(Cabral) Eng 0030 to NA(Boyd, Figliozzi, Reynolds)
 840 N.VIETNAM Hanoi, 1230-1300 Cambodian, 1/25(Berghammer) 0
 841.5 RYUKYUS VUNC, Daragawa, Japanese pops 0650(Wood)
 860 CHINA R. Peking, Eng Mao talk 1635, good lvl.(Glavich)
 912 INDIA AIR, Delhi, Indian songs 1945(Wood)
 975 YEMEN(?) Yemini Royalist Radio, weak in Arabic 1700(Calkin)
 0530 KAZAKH SSR Alma Ata, lang 1347, quick fade 1356(Figliozzi)
 1348 N.KOREA Pyongyang, fade in time around 2145 in Korean(Niblack)
 1435A CHINA R.Peking, 0028 Spanish(Hagerman)
 1650 CHINA R.Peming, 1200-1255 Eng to ENA (Potter)
 1690 IRAN Tehran, Eng to Europe 2000(Wood)
 1700 MONACO TWR, IS, Eng ID, into Arabic 1800(Calkin)
 1700 RSFSR[Eur] Leningrad, list, Russ 0300(Berghammer)
 1705 EGYPT Cairo, new fqy, for Gen. Arabic Svc, noted 2215, sked 1900-2355(Padula)
 1705 SWEDEN R. Sweden, Port 2200(Figliozzi) Eng 0330(Caldwell)
 1705 VATICAN Vatican Radio, YL in Eng 1715(Baines) French 1725(Potter)
 1708 INDONESIA[Java] V. of Indonesia, Djakarta, Eng to Eur 1900-2000 s/off(Wood)
 11708v SPAIN RNE, drift, 0200 Sp to LA(Berghammer) Sp 0430-0503 s/off(Marcus)
 11710 ARGENTINA RAE, poor 2300 w/Eng to Eur(Baines)
 11710 AUSTRALIA R. Australia, Eng to Europe 0720(McCoy)
 11710 CONGO REP R. Brazzaville, French 0530(Jeeves)
 11710 INDIA AIR, Delhi, Eng national news 0300(Wood)
 11720 BRAZIL R. Nac. Brasilia, 0305 national mx(Hirst) 0330 sports in Port.(Sizer)
 11720 VATICAN Vatican Radio, s/on language 0830(Randall)
 11720 SWITZERLAND SBC, s/on to Brazil 2315(Baines)
 11725 CONGO REP ORTF, Brazzaville, Fr 0500(Marcus) Eng nx 0515(Mohrmann) Eng nx 0615, ID 0630(Hirst)
 11725 FRANCE ORTF, s/on to LA 0230, off 0300(Hirst)
 11730 ETHIOPIA ETLF, 0300 Fr(Berghammer) 0330 rel pgm, extra good sig(Shaw)
 0345 lang rel pgm. Eng ID 0400(Hirst) S/off Fr 0430(Marcus)
 11730 CONGO REP ORTF, Brazzaville, good in English 1925(Marcus)
 11730 NETH ANTILLES R.Med., TWR lease, DX 0145, mention ANARC/NASWA/BE(Michalenka)
 11735 NORWAY R. Norway, Norwegian 2340(Rowell) Norwegian 1920, fair(Potter)
 11735 KUWAIT, KBS, Arabic ID 0430 'Hadihi Idhaat ul Kuwait', new fqy.(Wood)
 11735 MOROCCO[Tangier] RTM, 2240 classical mx, Spanish amts(Klemens)
 11740 AUSTRALIA R. Australia, 1706 nx, mx, cmtry(Glavich)
 11740 CHINA Peking, Indonesian s/cn 0900, //11820(Wood)
 11740 VATICAN Vatican Radio, Sundays s/on White Russian (listed) 0615(Padula)
 11750 ENGLAND BBC, London, World Service to SA 0000(Figliozzi)
 11750 MALAYSIA[Malaya] BBC, Tebrau, ID, nx 1600(Menna)
 11765 USSR R. Moscow Eng to NA 0130. Erevan listed. (Potter)
 11770 ENGLAND BBC, new fqy, Sp nx 0400, //11820(Padula)
 11780 ARGENTINA RAE, English 0300(Reynolds)
 11780 NEW ZEALAND, RNZ, BBC nx, ID 0609, mx(Barman) 0700-0830, BBC nx 0700(Adkins)
 11782 MOZAMBIQUE RCM, 0345, weak in Eng(Hirst)
 11783v LEBANON Beirut, drift, Eng to NA 0230(Berghammer) Arab ID 0129(Potter) Pop mx
 0235(Breton) Into Sp 0330(Hirst, Mohrmann) Eng 0230(Figliozzi)
 11785 BRAZIL R. Guiba, 0230 Port, pop mx(Caldwell)
 11785v N.VIETNAM Hanoi, good in lang 0855(Potter)
 11785.5 IRAQ Baghdad, s/cn Arabic 0300, QRM Brazil(Berghammer)c
 11795 BRAZIL R. Nac. Rio, mx, Port, 0050(Glassberg) Mx, pops 0305(Breton)
 11795 W.GERMANY DW, Spanish 0047(Glassberg) S/on Turkish 0610(Mohrmann)c
 11800 GHANA R. Ghana, 1900-1945 French(Berghammer)
 11802.5 CEYLON Colombo, Hindi ID 1330(Wood) Tamil 1100(Padula) Hindi 1330(Potter)
 11805 BRAZIL R. Globo, Port ID 0000(Glassberg)
 11810 INDIA AIR, Delhi, s/on Eng nx 1330(Glassberg) S/on Eng nx 1330(Wood)
 11810 INDIA AIR, Delhi, s/on Italian 0600. poor(Mohrmann)

- 11 RUMANIA Bucharest, Eng 0310(Marcus)
- 11820 ENGLAND BDC, Sp 0015(Glassberg) Eng to Afr 2038(Figliozzi)
- 11820 MOZAMBIQUE R. Clube Lourenco Marques, Port ID 1330, fades (Wood)
- 11825 TAHITI R. Tahiti, Tahitian 0430(Cabral) Fr 0505(Marcus) Fr 0625, //6137.5(Calkin)
- 11830 PHILIPPINES R. Veritas, Mediterranean mx(i), Eng ID 1030(Padula)
- 11835 CEYLON VOA, Colombo, Eng talk, flutter, 0515(Hirst)
- 11837 HAITI R. LVEH, light mx 2053(Potter) Eng 0130(Glassberg) Eng 1300(Marcus)
Eng rel pgm 1330(Figliozzi) French 2315(Shaw)
- 11840 N.VIETNAM Hanoi, s/on Vietnamese 0800(Wood)
- 11840 PORTUGAL R. Portugal, 0217 s/on French to Canada(Anderson)
- 11845 MOZAMBIQUE RCM, Swahili by man 1825(Potter)
- 11850 GHANA R. Ghana, Eng to NA 2000-2100, exc(Banta, Baines, Caldwell, Marcus, McCoy, Mohrmann, Penn)
- 11850 MALAYSIA[Malaya] BBC, Tebrau, WS 0000, fair (Breton)
- 11850 NORWAY R. Norway, 2155 Eng ID, lang(Mohrmann) Eng pop mx Sunday 2215(Baines)
Lang 2215, Eng ID 2227 (Reynolds) Poor at 2230 s/off(Jeeves)
- 11855 PHILIPPINES FEBC, 1730 ID, xmtr details (25 kw), good lvl(Shaw)
- 11855 SAUDI ARABIA Jeddah, Arab mx 1830(Caldwell) Arab mx 2105(Randall) Arabic 2145
(Cabral) ID at s/off 2238(Klemens)
- 11860 ASCENSION IS. BBC, Eng 0450(Breton) Fr 0430(Mohrmann) Fr 0430(Brown)
- 11865 BRAZIL R. Cl. de Pernambuco, pop mx, ID 0100(Sparks)
- 11866 CONGO(DR) Lubumbashi, Eng 1900-2000(Anderson, Baines) Fr/Eng ID 2000(M.Kamp)
African mx 1925(Marcus) Eng 1940(Moeller)
- 11875 NICARAGUA R. Dif. Nacional de Nicaragua, Managua, new, 1645-1730 w/mx, IDs,
requests reports(Potter) See also 5935(DF)
- 11875 W.GERMANY DW, German nx, cmtry 1843(Boyd)
- 11875 S.AFRICA R. RSA, Eng 0230(Curran) 0030-0120(Anderson)
- 11880 MEXICO R. Dif. Comerciales, Sp pops 0435(Mohrmann) 0230 Sp, mx(Caldwell) Sp
1400, mx(Glassberg) Sp ID 0138(Potter)
- 11884 RUMANIA Bucharest, Eng news 0136(Potter)
- 11885 INDIA AIR, Delhi, s/on Cantonese 1145(Wood)
- 11895 BELGIUM RTB, French w/pop mx 1730, also 2310(Shaw)
- 11895 SENEGAL Dakar, 1840-1900 Eng nx, mx(Rudolph) Fr nx 2215(Marcus)
- 11889v URUGUAY SODRE, classical mx 0015, Spanish(Berghammer)
- 11900 SAUDI ARABIA Riyadh, lang 1530(Caldwell)
- 11900 S.AFRICA R. RSA, Eng nxl608, Eng rel 1630(Glavich) Eng 0420, exc(Podpechan)
- 11900 TUNISIA Tunis, Arabic nx 2200(Cabral) Arab mx 2054(Potter)
- 11902.5 INDONESIA R. Angkatan Udara, Djakarta, Indonesian pops 1110(Wood)
Indonesian 1230(Berghammer) That should read INDONESIA[Java](DF)
- 11905 ITALY RAI, Rome, Spanish 0325 s/off(Reynolds)
- 11910 ISRAEL Kol Israel, s/on French 0900 Sunday only. Off 1000. Hrd a couple years
ago, now back again. Not listed WRTH 69(Padula)
- 11915 ECUADOR HCJB, Sp home svc 1635(Potter) Eng 0417, exc(Podpechan)
- 11917.5 THAILAND NBS, Bangkok, drift, end Thai, into Malay 1130(Wood)
- 11920 FRANCE ORTF, Fr 1530, classical mx(Caldwell) Strong 1635(Cabral)
- 11920 PHILIPPINES FEBC, 1430-1515 Cantonese(Potter) Indonesian 2220(Padula)
- 11920 IVORY COAST Abidjan, s/off 0000, exc(Shaw) Mx to 2000, Fr ID(Calkin)
- 11920 KUWAIT KBS, 1600-1730 Eng, poor(Banta) Eng 1615(Glassberg) 1615 Eng(Potter)
- 11925 PORTUGAL Em. Nacional, 0952 Port. Also 1835, sked 0900-2100(Potter)
- 11935 PORTUGAL R. Portugal, Fng, mx, 0220(Richardson) S/on Eng 0300(Green)
- 11940 RUMANIA Bucharest, Eng 2000, art discussion (Klemens)
- 11945 CHINA Peking, Eng 0413 (Podpechan)
- 11948.5 PARAGWAY R. Encarnacion, noted w/ID, mx, in Spanish 0048(Calkin)
- 11949.5 S.VIETNAM VIVN, Saigon, Vietnamese talk 1120, //7173.5(Wood)
- 11950 BELGIUM Brussels, fair 1930 in French(Marcus) (Hirst)
- 11950 BRAZIL R. Educacao, listed, Port anmt. class mx 0250, off 0257, no anthem
- 11950 LIBERIA ELWA, BBC nx 0700, fair(Anderson) Eng 0600-0700, BBC nx 0615(Adkins)

- 11970 MALAYSIA [Malaya] BBC, Tebrau, 2300-2315 s/off world nx, daily (Tuchscherer)
- 11970 NEPAL (Tentative). IS of gongs or bells 0220. Then Oriental pgmg and lang w/man and woman. Indian type mx, fair lvl at times, but high noise lvl, too. Usually fades by 0300. All indications point to Nepal (Dexter)
- 11970 BULGARIA Sofia, s/on Sundays 1000 in Greek (Padula)
- 11974a GRENADA WIBS, usually s/off 0215a, after BBC nx (Hirst) Pops 0100 (Breton)
- 11975 LIBERIA VOA, Monrovia, s/off 2300 w/local ID (Barman)
- 11900 CZECHOSLOVAKIA Prague, Eng to Afr 1605. Lang 1631 (Glavich)
- 12030 RSFSR [As] (Novosibirsk listed), R. Moscow English 0140 (Potter)
- 14461.5 RYUKYUS VUNC, Deragawa, Japanese pops 0615, //9841.5 (Wood)
- 15000 CHINA R. Peking, 2148 lang, while WWV off (Potter)
- 15019 N. VIETNAM Hanoi, Viet 1300 (Glassberg) YL in lang 0015 (Randall)
- 15040A CLANDESTINE R. Euzkadi, Spanish ID 2200 (Moeller)
- 15050 CLANDESTINE R. Libertad, Sp/Eng, giving address, off suddenly 0029 (Hagerman)
- 15055 EGYPT Cairo, 1550-1600 s/off in Dankali (Palmer)
- 15070 ENGLAND BBC, WS 1530, soccer (Randall)
- 15080 CLANDESTINE R. Euzkadi, address in Sp 2205 (Mohrmann) Spanish 2030 (Klemens)
- 15080 INDIA AIR, Bombay, Indian mx 1855, Eng 1900 (Marcus) Mx til 1945 (Breton)
- 15100v GRENADA WIBS, Eng 1910 (Marcus) Eng 2015 (Rowell) Pops 2145 (Potter) Relay BBC 2209 (Hagerman) News 2230 (Rudolph)
- 15105 BRAZIL R. Rural Brasileira, 2340 Port mx (Mohrmann) Port ID, ads (Hagerman) 2200
- 15105 JAPAN R. Japan, fair 0314 w/ English news (Marcus)
- 15110 MEXICO R. Dif. Comerciales, Mexican mx 2300 (Breton) LA mx 0020 (Mohrmann) Spanish 2123 (Glassberg) Spanish mx 1700 (Caldwell)
- 15110 N. ZEALAND RNZ, Eng 0500 (Caldwell) Eng nx 0500 (Marcus) BBC nx 2000 (Wood)
- 15115 ECUADOR HCJB, English 0245 (Podpechan)
- 15115 W. GERMANY RFE, Munich, fair at s/off 1810, Rumanian (Marcus)
- 15120 FRANCE ORTF, French 1900 (Caldwell) French til s/off 2000 (Glassberg)
- 15135 JAPAN Tokyo, Eng to NA 0215, weak (Boyd)
- 15140 INDIA AIR, Eng nx 1000, not //15205 or 15105 (Padula)
- 15145 BRAZIL R. Jornal do Comercio, Port, pops 2040 (Padula) Port ID 2100 (Jeeves)
- 15145 E. GERMANY RBI, end Fr 1815 (Marcus) 1815 Eng nx, mx, to Afr (Tuchscherer)
- 15145 SAUDI ARABIA Jeddah, from 1850, 2/9, Arab ID, good mx, talk show 1900 (Hirst)
- 15155 BRAZIL R. Dif. Sao Paulo, pops over ELWA 2040 (Padula)
- 15155 CUBA Havana, LA mx 2330 (Mohrmann)
- 15155 LIBERIA ELWA, s/off Fr 1900 (Marcus) Fr ID 2045, strong (Koukol)
- 15160 HUNGARY Budapest, fair 1330 in German (Marcus)
- 15160 TURKEY R. Ankara, Turkish music 0615 (Marcus) (Glassberg)
- 16165 DENMARK R. Denmark, Eng 1215-1315 (Adkins) Pop mx 1545 (Baines) Danish 1730
- 15165 SYRIA Damascus, lite mx, Fr nx, ID 1930 (Calkin) Eng nx by lady 2035 (Padula)
- 15166v BRAZIL R. Cl. de Ceara, futebol 0100 (Berghammer)
- 15170 LIBERIA ELWA, end Arab, begin Fr 1900 (Calkin) Fr 2055 (Marcus) Lang 2200 (Reynolds)
- 15180 ASCENSION IS BEC, s/on Portuguese 2200 (Green)
- 15180 AUSTRALIA R. Australia, pops 2124 (Menna)
- 15180 BRAZIL R. Cult. da Bahia, Portuguese, pop mx (Caldwell) Time 0245, sorry (DF)
- 15185 FINLAND R. Finland, talks 1615 (Menna) Eng to Eur 1600 (Breton) Eng 1800-1830 to Europe (Calkin) Eng 2321 (Barman) Nx, talk, mx 2300 (Randall)
- 15190 CONGO REP Brazzaville, Fr 1735 (Cabrall) Eng 1915-1930 to Afr (Figliozzi, Penn, Mceller, Rudolph) End Eng, begin Fr 1930 (Calkin)
- 15190 INDIA AIR, Delhi, begin Persian 0345 (Marcus)
- 15195 JAPAN NHK, Eng/Japanese 2202 (Figliozzi) Weak 0400, //15300 (Marcus) (Marcus)
- 15200 ALGERIA RTVA, s/on Arab mx, Fr nx 1200 daily (Calkin) Fr nx 1200, //11835
- 15200 INDIA AIR, Delhi, Arabic to 0530. Listed 15260, which is not hrd here (Padula)
- 15200 RSFSR [Eur] Kalatch (list), Moscow Hindi 1230, 1/30 (Berghammer)
- 15210 AUSTRIA Vienna, 1905 w/Austrian mx, multi-lingual anmts (Marcus)
- 15210 PHILIPPINES VOA, Pero, Eng nx 0100, 1/31 (Berghammer)
- 15210 VATICAN Vatican Radio, good 1720, ending French (Marcus)
- 15210 VATICAN Vatican Radio, good 1720, ending French (Marcus)

- 15 NETH ANTILLES R. Nederland, TWR lease, 2320 s/off Spanish(Mohrman)
- 15220 S.AFRICA R. RSA, 0230 English to NA(Mohrman)
- 15225 VATICAN Vatican Radio, 1930 English to Africa, to 1950(Penn)
- 15229v CEYLON R. Ceylon, s/on Eng 0130(Berghammer) Eng 0130, but Cuba now here(Penn)
-135-0210 Eng, peps, BBC nx 0200(Barman) Eng 0130(Breton) Eng 0330(Marcus)
- 15230 CUBA Havana, 0130 over Ceylon, daily, with Spanish to LA(Penn)
- 15240 AUSTRALIA R. Australia, 0700 Gen Asian Svc, //15180, 2/12(Williams)
- 15240 SWEDEN R. Sweden, Eng to ME, ID 1330(Randall)
- 15240 USA KGEI, ID 2245(Randall) Eng rel pgm Sat/Sun 2330(Breton, Figliozzi)
Spanish 2347(Mohrman)
- 15245 S.AFRICA R. RSA, Port talks 2240 (Padula)
- 15245 CONGC(DR) Kinshasa, Fr ID 0430 (Marcus)
- 15260 ASCENSION IS BBC, Eng 0255(Podpechan)
- 15265 BRAZIL R. Excelsior, 0100 Port, futebol. Irregular sked(Berghammer)
- 15265 LIBERIA VOA, Monrovia, Polish to Europe 1930(Palmer)
- 15270 AUSTRALIA R. Australia, Darwin, s/off Eng 1000. Switch to 9595(Wood)
- 15270 CUBA Havana, commentary 2323(Mohrman)
- 15273 HAITI R. L'VEH, LA music 0015(Potter)
- 15290 NETH ANTILLES TWR, new freq, German to Europe 2030, noted 1/30(Padula)
- 15295 FRANCE ORTF, English 1915-1930(Jeeves)
- 15305 SWITZERLAND SBC, Eng 1500, better on 17830(Jeeves)
- 15310 SWEDEN R. Sweden, Eng to WCNA, FE, at 1600(Palmer)
- 15320 AUSTRALIA R. Australia, Indonesian request pgm 2348, good lvl(Hirst)
English 0130(McCoy)
- 15340 NETH ANTILLES TWR, S/on German 2330(Mohrman)
- 15345 ARGENTINA R. Nacional, Sp 2030, good(Caldwell)
- 15345 TAIWAN Taipei, English 0300 to NA(Caldwell)
- 15350 NETH ANTILLES TWR, German 0030(Green)
- 15355 W.GERMANY RFE, ID 1345 'Radio Wolna Europa', //17805(Calkin)
- 15360 CANARY IS RNE, Spanish opera 0245, excellent(Mohrman)
- 15365 NIGERIA Lagos, Eng talks 1645, good lvl(Cabral)
- 15365 S.AFRICA SABC, SW Afr svc in Afrikaans, classical mx 0730-0800(Padula)
- 15370 TAIWAN VOF, Japanese svc, Chinese songs 1000(Padula)
- 15380 RWANDA DW, Kigali, German 2149 w/mx(Rudolph) German talk 2250(Klemens)
- 15390 PHILIPPINES FEBC, Manila, s/on Russian religious pgm 0930(Wood)
- 15391v E.GERMANY RBI, 1515-1600 French to Africa(Berghammer)
- 15395 S. AFRICA SW Afr svc 0900, choral mx (Padula)
- 15400 IRAQ Baghdad, s/on Arabic 1000 w/bird(Padula)
- 15405 W.GERMANY DW, s/off English 1910, strong(Boyd)
- 15410 USA AFRTS, Delano, Eng 0300(Podpechan)
- 15415 BRAZIL R. Cl. de Ribeirao Preto, football game 2245(Padula)
- 15420 SPAIN RNE, 0100 Sp ID (Green)
- 15425 AUSTRALIA ABC, Perth, Eng 0030, fair(Penn) Eng ID 0130(Green)
- 15431 S.KOREA VOFK, Korean talks 2240, off 2302(Padula) Sp nx 0237(Marcus)
Eng noted 0300-0330(Caldwell) Eng nx, mx, cmtry 0300-0400 to NA(Adkins)
- 15435 CHINA R. Peking, s/on Russian 0300(Jeeves)
- 15435 MALAYSIA[Malaya] BBC, Tabrau, World Service 0000, Burmese 0015(Penn)
- 15445 JAPAN NHK, Eng to NA 2345-0045, strong(Baines, Boyd, Calkin, Marcus,
Mohrman, Penn, Reynolds)
- 15445 BRAZIL R. Nacional de Brasileira, Port 0300(Jeeves)
- 15445 LIBERIA VOA, Monrovia, 1840 in English, good(Penn)
- 15520 E.PAKISTAN Dacca, chants and ID 'R. Pakistan, Dacca' 0100(Rudolph)
- 16320M N.KOREA Pyongyang, YL in Korean 0045(Niblack) Spanish 2300-0000, Koran 0000,
Sp 0100, very good(Barman, Calkin, Glassberg, Hagerman, Koukol, Marcus)
- 17655 EGYPT Cairo, Eng nx of Africa 1745(Wood) Eng 1815(Reynolds)
- 17690 EGYPT R. Cairo, Arab mx 1215(Potter)
- 17715 AUSTRALIA R. Australia, 2205 fair in English(Potter)

- 71 CHINA Peking, 0200 English to ECNA(Penn)
- 715 INDIA AIR, 1400-1445 German to ME, //9730(Berghammer)
- 720 TAIWAN VOFC, Eng nx 0200(Menna) 0202 Eng ID(Barman)
- 720 TAIWAN R. Liberty, tentative, s/on 2200, believe Taiwan, not Germany(Shaw)
- 720 USA WINB, English 1905(Boyd)
- 720 RSFSR[Eur] Kazan, listed, Moscow English 1215(Potter)
- 725 EGYPT R. Cairo, 'V. of Africa' Eng ID 2157(Potter)
- 730 USSR Moscow English to SEA 1614(Figliozzi)
- 740 ASCENSION IS BBC, Af svc in English 1700, looking for Greece on 17745(Hirst)
- 745 FRANCE ORTF, Eng nx 1915-1930(Penn)
- 765 RWANDA DW, Kigali, end Eng 1845, into German(Shaw)
- 770.5 N.ZEALAND Wellington, drift, songs 0600(Wood)
- 780 TAIWAN VOFC, Eng 0200, better on 17720(Jeeves)
- 795 S.AFRICA R. RSA, English to Europe 1915(Penn) S/on Dutch 2100(Green)
- 795 SWITZERLAND SBC, weak 1155 w/French, QRM Moscow(Marcus)
- 805 S.AFRICA R. RSA, s/on English 2100(Green)
- 810 NETHERLANDS R. Nederland, Spanish 1910(Rowell)
- 810 PHILIPPINES FEBC, Eng 0100(Rudolph) 17805, 0000 lang, Eng 0100(Adkins)
- 815 ETHIOPIA ETLF, s/on Eng ID, Mandarin pgm 1230(Padula)
- 818 TURKEY R. Ankara, 1315-1345 Pushto(Berghammer)
- 825 JAPAN NHK, Eng to NA 0030, s/off 0045(Penn)
- 830 SWITZERLAND SBC, 1530 English to Middle East, //15305(Penn)
- 840 AUSTRALIA R. Australia, 0100 s/on English Usually out by 0200 here in D.C. (Jeeves)
- 850 RUMANIA Bucharest, 1200 s/on German to Europe(Padula) Eng 1325(Reynolds)
- 855 ECUADOR HCJB, 1800-1830 Norea Radio(Calkin) Eng s/off 0000(Boyd)
- 860 BELGIUM RTB, French and Flemish 1720(Calkin)
- 860 ECUADOR HCJB, new freq, test 2330, request reports(Potter)
- 875 LIBERIA VOA, Monrovia, s/off 2215 w/local ID in Eng(Potter)
- 895 PORTUGAL R. Portugal, s/on French 1730 to Africa(Koukol)
- 920 EGYPT Cairo, 1205 good lvl in Arabic to SEA(Potter)
- 945 W.PAKISTAN Karachi, s/on Eng w/slow news to ME 1335(Figliozzi, Green)
- 1150 CZECHOSLOVAKIA Prague, good 1430 English(Marcus)
- 1500 CONGO REP ORTF, Brazzaville, fair 1420 in French(Marcus)
- 1517.5 PHILIPPINES FEBC, Manila, Eng rel pgm 0830(Wood)
- 1535 S.AFRICA R. RSA, 1813 Eng to Kenya, Uganda, Sudan. Good(Penn)
- 1545 GHANA R. Ghana, from 1420 w/African mx(Marcus)
- 1560 ITALY RA, Rome, s/on 1500 Italian(Potter)
- 1590 BELGIUM RTB, French talks 1115(Padula)
- 1610 ENGLAND BBC, s/on to Afr w/Hausa 1345. English to NA 1500(Penn)
- 1620 FRANCE ORTF, French 1930, //21615, both good(Rowell)
- 1645 FRANCE ORTF, 140 French to Africa, xmtr trouble(Palmer)
- 1670 EGYPT Cairo, new freq, Thai mx and cmtry 1415, ex-21695(Padula)
- 1690 BELGIUM RTB, Brussels, fair 1130(Marcus)
- 1700 CZECHOSLOVAKIA Prague, good 1625 ending Eng DX news, s/off(Marcus)
- 1710 ENGLAND BBC, French 1905, good(Rowell)
- 1725 PORTUGAL R.Port., Port mx and talks 1350. New freq. Not not hrd on 21735, which was itself new a few weeks ago. Dual 21700.(Padula) See 21735(DF)
- 1730 NORWAY R. Norway, Eng ID, lang, pops 1600(Caldwell)
- 1735 PORTUGAL Em.Nav., 1615, usual format(Niblack) 1700 s/off Port, 2/9, //21700. (Berghammer) See 21725 - it seems they moved back here again(DF)
- 1740 AUSTRALIA RA, 0100 Eng to WCNA(Penn) Fair sig as late as 0200(Jeeves)
- 25610 NETHERLANDS R. Ned., 1635 Eng talk on Esperanto(Richardson)
- 25650 ENGLAND BBC, World Service to Africa, excellent signal. (Penn)
- 25710 ENGLAND BBC, WS to SEA 1451(Figliozzi) 1445-1514 s/off w/WS(Penn)
- 25880 MOROCCO[Tangier] VOA, 1300 no local ID(Peterson) Local ID at s/on, s/off(DF)
- 25930 NORWAY R. Norway, Eng 1600-1630 Sunday only(Banta)
- 25930 NORWAY R. Norway, Eng 1600-1630 Sunday only(Banta)

CORRECTIONS - 24256 Feb, should be 24265(Hauser)... The identified stn in Feb on 5960 is .1c XII, not XXI(Hauser) My errors(DF)

IDENTIFIED - The Guatemalan listed for 3375 in Jan is R. Chortis, Jocotan, dept. Chiqimula, on 3380(Hirst)

UNIDENTIFIED

- 3315 Ecuadorian w/flute mx 0505, 1/5. Cutting in and out. Man says 'Atencion, un programa de Quito'. Off abruptly at 0510. Who's testing?(Hirst)
- 5015 S.Pacific or Indonesian mx 1320, QRM Vladivostok, 1/17. Also, 1/20, from 1200-1300 mixed w/Vladivostok. Could not tell nature of lang due to QRM. Mx w/vocals, but nothing distinctive about the mx this date. Faded after 1300. Vlad. did not fade. (Field)

Of late there have been a few cases of misidentification of stations heard, particularly Latin American stations. Remember that the situation can change rapidly, and that a station listed on a given frequency may not be operating there. Also, it is wise to remember the various networks in Latin America. At times network programming will mention one or more stations affiliated with the network. Thus, that a station is mentioned does not necessarily mean that station is being heard. So, let me urge caution with these stations. (DF)

When reporting, please use only one side of the paper. Thanks.(DF)

SPECIAL THANKS TO THIS MONTH'S REPORTERS

Bob Adkins, Mo. R-100A	Craig C. Koukol, Ill. SX-130
Douglas Anderson, Fla. WR-600	Leslie Marcus, N.B. SW4-A
Fred K. Baines, N.S.	Mauri McCoy, Tenn. DX-150
John Banta, N.Y. SX-110	Rudolph Menna, Pa. Zenith
Greg Barman, Ill. Star Roamer	Henry Michalenka, R.I. GR54
Bill Berghammer, N.Y. R4-A	Scott Moeller, Pa. Explor-Air
Don Billingsley, Calif. Galaxy R-530	Mark Mohrmann, N.Y. S-120, Grundig
Thomas Boyd, HQ-160, GR-64	A.R. Niblack, Ind. SX-100 II
Joseph E. Breton, Mass. S-53A, SW-4A	Bob Padula, Australia CR100, HE230
Kevin Brown, Mich.	Robert R. Palmer, Wash. HQ-160
Stanley F. Cabral, Calif. Galaxy R-530	Bob Penn, Ga. KT-320
William G. Caldwell, Calif.	John J. Podpechan, Okla. Galaxy R-530
Gregg A. Calkin, N.B. SW4-A	Edward J. Pyatt, Ga. S-120
Paul Curran, Mass. Audion	Harrison Randall, Mass. Telefunken
Gerry Dexter, Wis. HQ-180	Al Reynolds, N.C. SW-4A
Bob Estand, Tex. DX-150	Frank G. Richardson, Va. GR-54
Dan Ferguson, Fla. SB-310	Sam Rowell, Wash. DX-150
Marlin A. Field, Mich. SX-100	Peter Rudolph, Calif. SW-4A
John A. Figliozzi, N.Y. GR-54	Ed Shaw, Calif. SX-130
Barry Glassberg, N.Y. HA-230	Al Sizor, Conn. DX-150
Wallace I. Glavich, Calif.	Bill Sparks, Calif.
A.E. Glover, Wash. HQ-180A	Jerry M. Stuart, Okla. DX-150
Henry L. Green, Va. HE-30	John D. Tuchscherer, Wis. HQ-100A
Bob Hagerman, Mich. Star Roamer	Rod Williams, Ga. SW-4
Glenn Hauser, Colo. HQ-160	Richard E. Wood, Hawaii Galaxy R-530
Del Hirst, Tex. HQ-100	FBIS
Alan Jeeves, D.C. Globe Traveler	SCDX
Mike Kamp, Tex. HQ-140-X	WETH
Steve Kamp, Tex. HQ-140-X	
Bruce Klemens, N.J. S-200	

***** FLASH

Last minit news/tips



SHEET *****

Last minit news/tips

AL NIBLACK, EDITOR 420 SHELBY STREET, VINCENNES, INDIANA 47591 Deadline 23rd of mo.

: : : : : : : : : : : : : : : :
AFGHANISTAN: 9510 (FLASH) Kabul observed at 1800 in English, new fqy; also on 21605, at 1200 in lingo. (Calkin)

AUSTRALIA: (FLASH) Darwin xmitter daily to S. E. Asia with 100kW, 0830-1000, 15270; 1000-1130, 9595, to Indonesia, strong lvl, regularly heard; and, 1130-1330, 9650, in Vietnamese. (Balbi). RA uses 7205, replacing 7190 to the Pacific, 0830-1215. (Balbi)

BIAFRA: 6145 Voice of Biafra, 2200-2330, in English, good sigs. (Tuchscherer; Banta)

CAMEROON: 5010 (tent.) R. Garoua from 0540, YL in French, native music. (Hirst)

DAHOMY: 4870 Cotonou, 0601-0610, English by Radio, good signals. (Palmer)

DOMINICAN REP: 5010 (FLASH) R. Cristal noted again, S/off at 0455A with full ID.

(Hirst)...(FLASH, FLASH) A station is now on the air in the 60 meter band awaiting reports from DXers. Several prizes and QSL cards for winners. This contest was earlier announced by Radio Sweden in bulletin #972. Due to setbacks it was impossible to do the contest sooner. (Cesar Objio)(Cesar, YOU WISH TO GIVE ANY MORE HINTS, WE ARE ALL EARS! Editor)

ECUADOR: 4815 (FLASH) Seemingly a new outlet with the call, "HC4RS" Portoviejo, sometimes S/off at 0500. (Sparks)...Possibly call is, "HC4MS", few IDs. (Dexter)

ETHIOPIA: 11730 ETLF S/on at 0255 to Madagascar, Eng. & Fr., good signals. (Balbi)

FIJI IS: Suva heard to 1032 S/off with GSTQ. One hour play and religious finish. (Poulis) (What frequency, Please, Editor)

GUINEA(PT): 5041 Bissau definitely returned this fqy, observed S/on at 0800. (Sparks)

HONDURAS: 5960 HRRR, Santa Rosa de Copan, noted at 2355 in native. (Schnabel)

INDIA: 11710 AIR, General Svc, with news in English, 0235-0245, S/off 0300, gud(Balbi)

ISRAEL: 9009 Kol Israel logged with new beam to N. A., Canada; English news 0400-0415. (Balbi)...at 0430 into Russian. (David Baltimore)...Reports from listeners are requested. (Barman)...Asking for reception reports stating local time. (McCoy)

HAITI: (FLASH) R. Citadel, 4VWB, is off the air, it seems they have changed the SW outlet for MW as heard on 1348 kcs recently. (Objio)... Another Haiti outlet which has changed fqy is R. Caraibes, now on 6025. (Objio)

KOREA(NO): 6480 Pyongyang heard from 1100-1200 in English. (Calkin)... 11350 Noted from 2310-2355 in Korean in 1st HS prgm. (Palmer)... In Spanish 0100, 16322V. (Palmer)

LIBERIA: ELWA, 15170, on this new fqy, French language 2100-2215 S/off. (Balbi)

MALAYSIA: 11955 BCBFES acknowledgement card received for logging of transmission 2300-2315. (Tuchscherer)... R. Sarawak in English, 1100 & 1400, on 7160, strong(Balbi)

NICARAGUA: 11785 (FLASH, FLASH) What seemingly was a test transmission noted from R. Difusoria Nacional de Managua, 0338-0430. Old pops such as American Patrol, South of the Border, so on. (Baltimore)... Noted at 0400 on 5935 in Spanish. (Calkin)... On 5935 with LA music at 2335. (Dan Ferguson)... R. Nacional found on 11875 at 1850, no English. (Grady Ferguson)...(Seemingly is a new outlet, Editor)... Logged a new station, 11875, R. Difusoria Nacional de Nicaragua, Managua, em America Centro, 1500-1530, SINPO 55445. IS consists of seven chimes. (Glassberg)... 5935, Heard here at booming lvl, S9 plus 20dB to 40 over! (Hirst)... On 5935, maybe 100kW, says M. Macken. ...The format is all Spanish with easy identification, anncing 11865 and 5935. (Shaw) ... Just observed at 0030 on 5036, ID of R. Nacional de Nicaragua. (Schnabel)...

Great reception here, S/off at 0400. (Sparks)... Radiodifusora Nacional now beacs on anncd 11865 and 5935 plus MW and FM. Heard on 5935 at 0030, much RTTY. (Upton)

PERU: 4803 A station heard with ID seemingly as, "Transmite Radio Cincuenta", or similar, noted at 0430. (Jensen)... The Peruvian noted here but refuses to let me make any progress as to ID. At 0440 RTTY got them. New?? (Dexter)

NASWA

FLASHSHEET

MARCH 1969

PHILIPPINES: 6030 FFBC, Manila, heard with good signals with English news at 1230 and English ID at 1245. Lists as 2kW, DZH6. (Lobdell)... 17810 FFBC, Manila, heard from 0032-0100 with drama in Chinese; 0100-0112, English, after change of beam (Palmer)

RHODESIA: 5012 (FLASH) R.B.C., found using this frequency with English news at 0405 tune in; Cms followed by weather report, time check. Definite ID heard, but deep fading, gone by 0416. (Hirst)... S/on time for R.B.C., is 0355 checks prove as heard here in Indiana, with IS of bells just prior to actual S/on. (Niblack)

RWANDA: 11795 (FLASH) DW, Kigali, observed in language to N. A., with band music at 0220-0240. S/off at 0255 with anthem. (Leo Alster, via Editor Hank Bennett, NNRC)

SENEGAL: 11895 Dakar is again using this old freq for noted with French, 1800 to 2420 S/off, fair listening lvl. (Balbi)

SOLOMON IS: 3995 Station VQ04, is currently good listening lvl with S/off coming at 1130. (Calkin)

SO. AFRICA: R. RSA from 2 March will replace 15220 by 6075 to No. America, 2330-0320, and paralleled by 11875, and 9705. At 2100-2150 English to Africa is noted at no strain lvl on 21535, and 17805. (Balbi)

TANZANIA: R. Tanzania logged after much effort on 5985 at 0415, after WNYW S/off. Swahili ID, and a commercial. (Hagerman)

USA: A harmonic being heard for the first time is KOVO, Provo, UT, 2880(960x5), frequent jingle IDs and music, 0200-0230, among other items. Not audible on their fundamental. (Hauser)

USSR: 4830 Magadan logged from 0650-0655 in Russian, on their winter freq. (Palmer) ... 9800 Kazan heard from 0450-0515 S/off in Russian, in their H. S. (Palmer)

VIETNAM(VO): 7295A Voice of Vietnam, Hanoi, heard with news in English from 1430-1455, strong QM de R. Malaysia. (Balbi)... Right now at 0130 am observing Hanoi on 15015 with a fair signal. Clear ID for "....Vietnam". Is talking native and am waiting to see if they will go into English. Peking is just up the band on 15030. (Sch-nabel)

A comment from Ed Shaw: Just tonight noticed the VOA giving locations again. Noted both Monrovia and Greenville announcements. Is this quoting of locations again in practice??

FLASH: Due to a limited budget it has been decided that the air mailing of bulletins of Sweden Calling DXers which was on a weekly basis will be stopped entirely with the end of this month (February), effective with bulletin #1007. Also, the broadcast of Sweden Calling DXers will be in the danger zone! (After many years of being one of the best DX bulletins available to the listener this will indeed be a shock! Your Editor is quite sorry to see this materialize.)

JANUARY 1969

SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY, 2-4-1969 --

1-68	2-75	3-72	4-98	5-117	6-128	7-146	8-150	9-152	10-154	11-138	12-137
13-124	14-119	15-116	16-116	17-100	18-85	19-73	20-76	21-85	22-105	23-88	
24-103	25-102	26-99	27-78	28-79	29-82	30-80	31-95				

MEAN -- 104.5

PREDICTED: FEB-99 MAR-97 APR-95 MAY-93 JUN-91 JUL-90. (Grady Ferguson)

ACKNOWLEDGEMENTS (With our sincerest thanks): August Balbi, Calif... David Baltimore (WBRE-TV), Penn... John Banta, New York... Gregg Barman, Ill... Leo Alster, via Editor Hank Bennett, NNRC, New Jersey... Editor Gregg Calkin, NASWA QSL Section, N. B., Canada ... Gerry Dexter, Wisconsin... Editor Dan Ferguson, NASWA Loggings Dept., Fla... Grady Ferguson, No. Carolina... Bob Hagerman, Mich... Glenn Hauser, Colorado... Del Hirst, Texas... Don Jensen, Wisconsin... Chris Lobdell, Mass... Mike Macken, Mass... Mauri McCoy, Tenn... Al Niblack, Indiana... Cesar Objio, Dominican Republic... Bob Palmer, Wash... Art Poulis, Mass... George Schnabel, New York... Ed Shaw, Calif... Bill Sparks, Calif... John Tuchscherer, Wisconsin... Tom Upton, Texas... Barry Glassberg, New York... Come back again, won't you, fellow DXers!

Please do NOT submit material to the Flashsheet Department that has already been submitted to other NASWA departments. Repeat, please do not. Please write on one side of the paper only, and double space. Last minute flashes to 882-3976, after 2200 GMT.