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NORTH AMERICAN SHORTWAVE ASSOCIATION

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SEPTEMBER 1970

VOL. IX NO. 9

NASWA HEADQUARTERS POST OFFICE BOX 989 ALTOONA, PA. 16603 USA

ON THE SUBJECT OF REPORTING!!

Down through the years, and even more recently, there have been reports submitted to such as our Log Report and FlashSheet editors which cause eyebrows to be raised, suspicions aroused, integrity doubted. For the most part, thank goodness, this is brought about simply because the reporter is either over-anxious, careless, or guessing. In other instances, it is simply because the reporter ignores the request/rules set forth by the particular section editor which all reporters should follow.

Apparently there are those reporters/members who think that every and anything they report should be used, therefore appear in bulletins. These same,, apparently do not realize that every editor does his best to "weed out" incomplete, erroneous, as well as dubious reports, but that such is not always possible, there times are that a few may seep through. The task of such as our Log Report and/or FlashSheet editors is not an easy one. Hours of work are involved, especially for the Log Report. Hereto, he must many times rely on the integrity of the reporters, yet even so, being alert to the fact that anyone can make a mistake however unintentional.

It is most important that reporters submit only that info/data which they know for fact they positively heard. Dont guess! Dont jump to conclusions! If you are the least bit doubtful about any part of the reports, specify that it is "tentative" so that it will come to the attention of the editor and he can therefore either check it out or make proper notation. In other words, if you hear a station, for example, on 3335 from 0930-0945 w/guitar music followed by ID which was QRM'd/not clear, do not list it as Radio Wewak outrightly; List it as Radio Wewak-TENTATIVELY!!! After all, you were not positive of the ID. If you report it as Radio Wewak, although you are not certain of it, you are guilty of false report....not because it was not R. Wewak, but simply due fact you were not definately sure of ID. I repeat...Dont jump to conclusions!!!!

Report, yes! But make them complete, correct. Build yourself a reputation. Help the editors put out useful and worthy sections through your integrity and cooperation. B.E.

SPECIAL Thanks to: Mrs Bill Matthews for typing SWC stencils; Mrs. Tony Marks for typng NewsRoom; Mrs. Ed Shaw for assisting w/photo page while the OM was in hospital; And to our only regular 'lady' reporter/member, Mrs. Mildred Marshall who supports/reports to various sections every month. Gals, we luv ya!!!!!! Incidentally...attention Mrs. Donald Jensen; Arlene, hows about an article for us, similar the one you had in recent edition of a national magazine? It was a real "goodie"! Writting seems to run in Jensen family!

NEW MEMBERS, WELCOME!!!

R. Bruce Rowan, Vancouver, B.C., Canada. Via World Radio-TV Handbook.
 Nick Giordano, Rivervale, New Jersey. Via Shortwave Listeners Guide.
 David W. Throne, Santa Ana, California. Via ASWLC/NASWA member Art Glover.
 Richard Loustau, Woodland Hills, Calif. Via Popular Electronics/H. Bennett.
 Robert F. Bruce, Brechin, Angus, Scotland. Via World Radio-TV Handbook.
 Pauline G. Eynon, Canfield, Ohio. Via PE Communications Handbook.
 David J. Burnell, Ste. Foy, Quebec, Canada. PE Communications Handbook.
 Mitch Ketchersid, Irving, Texas. Via PE Communications Handbook.
 Kent Leonard, Denver, Colorado. Via member Brent Hailpern.
 Joe D. Rippe, Chagrin Falls, Ohio. Via Radio Nederland-DX Jukebox.
 A. E. Martin, Lancashire, England. Via member Robert Estand.
 Mark D. Bernstein, Fargo, North Dakota. Via member Mike Haugrud.
 Michael X. Watman, Somersworth, New Hamp. Via ANARC DX Census.
 Thomas Neely, Dearborn, Michigan. Via '70 World Radio-TV Handbook.
 Tim Davisson, Akron, Ohio. Former NASAer rejoining via NASWA Hdqs.

RENEWALS

Second year: Bill Andrews, Howell Reeder, Thomas Henry, Stephen Allen, Milton Kean, Carroll Patterson, David Dunn. Third year: Edward R. Cope, Jimmy McBride, Don Weber, Derek Evans, Chris Kennedy, Craig Koukol, Roland Archer Jr., Bernard Heckel, Richard Kamba, Ed Lewis, Ernest Behr. Fourth year: Rolf Erny, Robert Hagerman, Larry Zamora, Steve Kamp. Fifth year: Wendel Craighead, Jerry Stuart, Dr. William Caldwell, Mike Macken, Robert Padula, Art Mitchell. Sixth year: Bert Pector. Seventh year: Donald Jensen, Alex T. Primm. Eighth year: Frank Peters. A hearty welcome back to all!!!

(NOTE: Members joining or renewing after the 20th of month will be listed next month.) We would like to mention (boast!) that the renewal list above is the largest ever for any one given month since the club has been in operation. It is good to note that most are regular reporters who have supported the club over the years. Good show gents!!!

COMMERCIAL MAGAZINES

The following is a run-down of the six more widely known commercially published magazines and what they contain regarding the SWBC phase of DXing hobby. This info as of the August or September issues.

Popular Electronics (USA) began its "new look" beginning w/Sept. with a 'Communications' section which includes news and data covering all forms of communications. There are no more individual columns devoted to SW, ARO or CB as in past. One of the items of interest to SWLs/DXers was that re WPE Registrations which states all WPE calls will be reissued with the prefix WDX. All old and new registrants should send SASE to Hank Bennett, WDX Program, Box 333, Cherry Hill, N.J. 08034 for details on obtaining a new certificate. (Although it was not mentioned, there undoubtedly will be a fee or charge connected hereto.) It was interesting to note that, in the 10 year life of the WPE Program, nearly 40,000 SWLs were registered and assigned callsigns.

Radio Today (USA) has a section edited by Hank Bennett called "SWL DXplorations". It follows the same format that Hank formerly used in PE. In general, this magazine is mainly for CBers.

Electronics Illustrated (USA) contains regular column by C.M. Stanbury II covering general DXing as well as SWling. It is called 'The Listener'. In addition, there are usually other separate articles contained that are of interest to SWBCers.

Science/Electronics (formerly Radio-TV Experimenter) USA continues to include the 'White Radio Log' the SW section of which is prepared by Don Jensen and Propagation Forecast by C.M. Stanbury II. Other articles re SWBCing are also usually contained, but not regularly/monthly.

Elementary Electronics (USA) has "DX Central Reporting" column by Don Jensen. It not only covers news and data, but also gives tips re stations (MW and SW) listing times and frequencies. Other articles usually are contained that make for interesting reading. Electron (Canada) a column "SW Lingo" is edited by Fred Woodley. His August effort listed several clubs, but the info/data he gave was, for most part, erroneous. By his own admission, this editor has not been in touch with certain of the clubs for over five years. How then, can he expect to keep his readers, subscribers to the magazine updated and currently informed?

HELPING HAND SERVICEYOU ASKED - HDQS ANSWERS

For Sale: Realistic DX-150 receiver, with or without matching speaker. Only six months old, still like new. Make offer. Write; Thomas E. Jones, RFD# 1, Benson, Minnesota 56215. Act fast on this!

For Sale: Regency WT-4 receiver. In mint condition. Best offer takes. Write; Larry Zamora, 3119 Kennedy Lane, Texarkana, Texas 75501. "Dont tarry" sez Larry!

Wanted: Used Joymatch Antenna Tuning Unit. Must be in good condition and reasonably priced. Contact; Robert Peritz, 210 West 230th St., Bronx, N.Y. 10463.

Wanted: Copy of the July 1970 Frendx. Anyone having extra or copy they do not want, pse mail to; Bill Matthews, P.O.Box 15306, Columbus, Ohio 43215. Will return postage.

Wanted: Would appreciate hearing from any member who can read/write Danish. Please contact; Richard Loustau, 5551 Pattilar Ave. Woodland Hills, California 91364.

LATEST AWARDS

Chairman Warren Nordgren says he hasnt been very busy with mail lately, but is pleased to announce certificates have been issued to the following NASWA members whom we send congrats; Kris Lemna, Worldwide DXer (100 countries). Kris Lemna, Continental DXer - 31 Europe. Richard Fortson, Continental DXer - 8 Oceania.

REGARDING FUTURE PHOTO PAGES

Response thus far, to announcement made in last months bulletin re our possibly having a 'pix page' in each edition, has been poor. A few members have sent in photo's or snapshots, others have said they would do so, but we will still need better response/support if we are to have the page each month. We can use most any size photo or snap, but we prefer wallet-size photo's and/or regular 3½x3½ snapshots so that we can get several on each page. Snaps can be of you in your shack or DX den, or can be of your shack itself; Or they can be of your wall display of QSL's, pennants, etc. Important point to keep in mind is that all have to be black and white, no color shots. Also, when you submit them ,give details that can be used along with them (tell what rx is shown, etc. not everyone is familiar with all makes or models.) This page, as with all columns or sections, depends on support of members!!!

The following questions were received via mail from members; Answers supplied by Hdqs unless otherwise specified.

"Does NASWA have a translation service?" (Gene Murphy) Time being we do not have a translation service, but we do have a few members who do such work for us when they are called upon to do so.(This might be a good time to ask for volunteers who would be interested in becomming official NASWA translators. Simply send your name, address and list of those languages you can read and write. You will be further informed.)

"Why dont NASWA have an 'Around the Clubs' column in Frendx as it had in former yrs?" (David Mayes) Mainly due the fact that the majority of serious DXers are members of more than one club and are receiving a variety of bulletins which non-necessitate data be repeated. Too, not all clubs nowadays swap bulletins (i.e., the IRCA and NRC are not the least interested in ours because they are all-MW/BCB and we are all SWBC.) Also, in many instances, exchange bulletins from other clubs arrive late, thus what we might quote for one month would already be outdated/incorrect by the time it reached NASWA members via Frendx. For example; as of July, both the CIDXC and the MWDXC have no publisher for their bulletins and are asking for members to volunteer doing the work. By the time you read this, possibly both will be back in operation, have new publishers. Sadly the majority of clubs no longer keep in touch, Hdqs to Hdqs, as in past and the only info they get from one another is via bulletins.

"Recently I have been receiving 'junk' mail that I have not sent for. It seems to come from the west coast and it is filthy or even obscene. Does NASWA sell or give out names and addresses of members?"(Robert Langevin) Definately not!!! Matter of fact you will note we no longer list addresses of new members as we once did and we have not released any membership lists since around 1964. These are safeguards we take.

"Do NASWA officers or editors get paid for the work they do?" (Paul Martin) Time and again we have stated that no officer nor editor gets paid, however there are some who are reimbursed for expenses incurred relative to their works for club/bulletin. We are a non-profit organization!

Exclusive

THE LOUDENBOOMER REPORT

Exclusive

presents

PUFFALOS AND STUFF, by PARDNER PERRY

Milt Snodgrass was again having one of those nights that cause hair to grow on a DXers palms. 0430, 37 cigarettes gone and another lit. Melting crystals of salt from an economy-size bag of "Ma Fletchers 'Bet-U-Cant-Eat-Jes-One' Pretzels" wedged their way underneath uncut finger nails and hugged various parts of a 5a.m. shadow.

"Bet I cant eat just one" he mused to himself as he thumbed through a 1951 WRTH. He couldnt! The pungent odor of decomposing pickles mingling with that of the melting insulation from the innards of his army surplus Wowzer III, gave hi shack an atmosphere all its own, most unique.

Spinning the dial, it coming to rest, he heard the big old Wowzer give out with a loud "snackle, caggle, poppz"; "...but I know WWV is on 5MHz. I just know it!" he mumbled to himself. "I guess those finks (he takes another drag on one of his no-frills-no-gimmicks I-ama-Man cigarettes) changed frequencies on me again." Milts emotions were as calloused as his fett by now. Four years of rejection slips and static, and not one positive logging, much less a QSL. He coldly eyed the slips, many now stained to a pale greenish-yellow from pickle juice, and recalled that the one from Radio Zhack had come wrapped in 14 gauge copper wire, complete with catalogue, but no verie. And the one via Alleys Radio came back marked "No Reply", probably because the IRC's were stamped on the wrong side due the local PO boys were selling them at a dime a dozen so they would be sold out before the new system took over.

"Maybe", he consoled himself, "this is the day I can log that VOA Greenville transmitter." He looked at his watch...Mickey was pointing to the 5 and the 11. Suddenly Milt became a machine, his right hand adjusted the antenna trimmer, his left on the main tuning knob, eyes glassy, rivetted on the hazy-blue-green dial.

Just then the Wowzer III spoke..."broadcasting from Red Lion, Pennsy..." Milt spat out a sardonic laugh and broke his pencil. "Dagblastit" he muttered, "its that doggone 'Friendly Giant' again!:" He broke the overflowing ashtray right atop the Wowzer. The dial spun, lights flashed, tubes exploded; Milt cried! And when the dial finally came to a stop, he noted it was resting directly on 13131.3, his WPE number (soon to be obsolete which would mean all his cardswap would be valueless.) And emerging through the garble and sputter was a rugged male voice....

"Howdy pardners! This is Puffalo Bill Radio comin to you all from atop the Kansas Percific Stockyard. Durin this transmission you'll be ahearin "Tails of the Western Plains", Puffalo Bill and his singing Buffalo", and for you radio enthusiasts, at 0830 GDT (Git along Doggy Time!) we will have "Crystal Set Corner".

Milt gasped, fully aware of the anachronistic implications of his first logging. He took produgeous notes, even retained enough composure to flick on his \$9.95 plastic tape recorder. During the hour long transmission, he repeatedly patted himself on the back for this amazing 'cowboy catch'.

Wee, as you all know, Milt has since moved on to become the most sought of all the after dinner speakers on the DX scene of the decade and that he is attributed with being THE number one authority in SW today. I recently had the great pleasure of hearing him at the 1970 ALLBARK convention where he rambled on for two and one half hours, telling all about the strange and curious cold facts regarding the Red Lion, the Jolly Green and the BlueBurple. And then, just as about 20 chins were about to fall from a level of consiousness and into empty coffee cups, he reached over for his tape recorder. What sounded like 4000 hands (actually was only 40) started to beat out laudation. And just as abruptly, the flood of applause evaporated into a scattering of patter along with loud coughs and finally into utter silence....not in appreciation as to what the recorder repeated, but in plain disgust, for you see Milt was giving a play-back of the same two and one half hour talk he had just made. Last I heard, as the convention broke up until next year, all the recommendations that were made in honor of Snodgrass' DX doings were retracted, and instead of his being given numerous awards, he received just one... that for "Puffalo of the Year".

Ralph Perry-NASWA

VIA 1970 ANARC CONVENTION - CHICAGO



Gray Scrimgeour
ANARC



Ralph Hartman
NNRC



Gerry L. Dexter
NASWA



Martyn Madeley
NASWA



ANARC BANQUET
1970



Andrew Pappas
NASWA



Wendel Craighead
NASWA



Richard Pistek
NNRC



Jerry Heien
NNRC

The above photo's, taken by NASWA member Frank Peters while attending the 1970 ANARC Convention in Chicago, July 31 - August 2, were among those received at NASWA Hdqs in time for inclusion in this edition of Frendix. A number of other SWLs/DXers attended although not all were caught by camera. For more details regarding the convention, see this months ANARC Report as submitted by NASWA-ANARC Representative Gerry L. Dexter. In addition to these photo's sent to us, member Frank Peters also donated the first prize, a Sony Portable TV, which was won by NASWA member Martyn Madeley, formerly from England. Our thanks to Frank, congrats to Martyn and appreciation to others who attended.



 NOTE: Our apologies!! Contrary to announcement on photo page that we would have details on the ANARC Convention, word has been received from our Rep., Gerry L. Dexter, that due no NewsLetter was issued by ANARC, he will have no ANARC Report for this edition. Although Gerry attended both the social and business ends of the convention, he feels he did not have sufficient info/data to make a worthy report. Therefore, time being, the bit of info given on photo page is all we can pass along at this time. For those of you who are interested and who follow the monthly ANARC Report, we hope to be able to bring you up to date in next bulletin. In any case, would again extend our thanks to member Frank Peters who was good enough to send along the photo's this month which enabled us to keep our word such would be included. B.E.



SHORTWAVE CENTER

WILLIAM A. MATTHEWS, EDITOR
POST OFFICE BOX 15306
COLUMBUS, OHIO 43215

Deadline 15th of the Month
Your support is solicited!

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FOCUS ON COMMUNICATION: THE VOICE OF SOUTH AFRICA

If you live anywhere outside the Republic, from New York and San Francisco in the west to Sydney or Auckland in the east, a well-timed turn of the radio knob can bring you the ringing call of the bokmakierie (gorgeous bush-shrike) and the strains of an indigenous South African folk tune--the identification signal of Radio RSA.

Beamed towards specific target countries abroad for 50 minutes a day and to listeners in Africa north of the Republic for four hours a day--the 182-hours-a-week transmissions of the SA Broadcasting Corporation's External Service can be picked up in ten different languages--English, Afrikaans, French, German, Dutch, Portuguese, Swahili, Zulu, Tsonga and ChiChewa (for Malawians).

They are directed to such divergent places as West, North West, Central, South West and East Africa, as well as the Portuguese African provinces of Mozambique and Angola, and to ten European countries, including the British Isles. Listeners in Canada, the USA, Australia and New Zealand, can also tune in to Radio RSA.

In the case of the USA and Canada, broadcasts are transmitted at different times to the Eastern, Central, Mountain and Pacific regions.

Later this year, the Voice of South Africa is to direct programmes to the Spanish speaking countries of South America.

Every day, 52 newscasts and 32 news commentaries can be picked up on short wave sets outside the Republic.

RSA's wide foreign news coverage rests on the foundations of such international services as Reuter, Associated Press, United Press International, Agence France-Presse and Deutsche Presse Agentur.

Its international transmissions also include music, programmes on the South African economy and investment opportunities (a popular item), as well as regular features and reviews such as South Africa and her Neighbours, World Affairs, Africa Survey, Commentary.

There are special news bulletins for South Africans abroad. A recent external broadcast brought a nostalgic letter from a South African Coloured man living in the Middle East, who said he had heard Daar Kom die Alabama, a traditional folksong, transmitted from his home country. (The Alabama was a Confederate vessel that refuelled at the Cape during the American Civil War.)

Most Voice of South Africa announcers have been recruited in the countries they broadcast to, and are therefore acquainted with local listener requirements.

VOICE OF SOUTH AFRICA
(continued)

The SABC has a full-time news representative in London and part-time correspondents in other news-making centres. The corporation also sends representatives on special missions to cover events of particular importance by means of microphone interviews.

The Johannesburg HQ of this autonomous public utility corporation receives regular reports from such regional centres as Cape Town, Durban, Bloemfontein and Grahamstown (in the Eastern Cape Province), for inclusion in its domestic newscasts.

These offices serve as production units by tape-recording on-the-spot news of national interest and sending it in packaged form to Johannesburg--or, if urgent, by land line for inclusion in national news bulletins and magazine programmes. From time to time the News Film Unit provides packaged programmes at the request of overseas radio and television organizations. These programmes include tape recordings and direct, spoken reports on the drama of such local events as heart transplants or a flooded mine.

The SABC's FM-VHF, medium wave and short wave transmissions have grown out of all recognition since the establishment, on August 1, 1936, of its first service.

Today, 18 independent programme services broadcast for 1683 hours a week on an intricate system of micro wave circuits and landlines--with the assistance of many White and Bantu announcers.

Domestic transmissions include services in 11 different Bantu languages--collectively known as Radio Bantu--four national programmes, in the official languages, directed at White listeners, and including the popular commercial service, Springbok Radio, as well as three regional "music" services with advertising "spots," and news bulletins on the half hour, namely: Radio Highveld, Radio Good Hope and Radio Port Natal. There is also a national "all-night" music service.

A hundred and seventy-one daily news bulletins are broadcast over all these local transmissions, which can also be picked up in Rhodesia and South West Africa.

The various Native and White population groups in the latter territory are also catered for by FM broadcasts which can be picked up within a radius of 70 miles of Windhoek, the capital of South West Africa, and of Oshakati in Ovamboland--near the northern borders of the territory.

These FM broadcasts, which are tapped from a short wave transmission beamed from Johannesburg to Windhoek, include transmissions in the SABC's four national services, as well as in Herero, Nama/Damara, Kuanyama and Ndonga. The latter two languages are widely spoken in Ovamboland, which recently received partial self-government.

In addition the SABC has special services for South African Coloureds (people of mixed descent), and Indians.

Twice-weekly Afrikaans lessons on overseas transmissions are attracting "homework" from about hundreds of radio students in many parts of the world, but mainly in the USA and West Germany. These lessons comprise bilingual plays--each vernacular phrase is repeated in Afrikaans.

Listener response to the SABC runs into millions of letters a year--including more than 5-million letters from listeners to Radio Bantu.

VOICE OF SOUTH AFRICA
(continued)

Although the 24,000-letter-a-year response from listeners to Radio RSA is small in comparison with local listener reaction, it compares favourably with the response to any other short wave external service, according to the Head of the Public Relations Department, Mr. Nic Naudé.

Most of the letters received from beyond the borders of the Republic deal with reception quality or express surprise that conditions in South Africa are not as they are sometimes painted abroad, Mr. Naudé says.

South African Digest

---via. Richard Anderson

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VERIFICATIONS FROM CRISTAL

César Objio

As many DXers know Radio Cristal in Santo Domingo, Dominican Republic, organized a short waves contest some time ago in which DXers from all over the world were asked to participate. DX programmes were aired especially for short wave listeners. Besides QSL cards other prizes were offered for the first DXers reporting, among them Dominican flags, stamps, postal cards, pictures, pennants, etc. Many reports were received.

I myself answered all letters, and QSL cards as well as gifts were prepared. All these packages were left at the station to be posted and, as far as I know, they were posted. But despite all the time passed after that, I haven't heard from any DXer saying that those QSLs were received, I don't know why.

Nobel Alfonso is no longer working at Radio Cristal and as I was in charge of replying to letters I still had at home a lot of QSL cards. As nobody seems to have received their verifications I decided to use those QSL cards left over and mail them again to the correct reports received. Please bear in mind that I only had 50 cards, so, if somebody who sent a correct report does not receive a verification it is because there were not enough cards to cover more than the 50 reports I had in hand. Reports chosen for these QSLs were selected according to their dates, that is, I put all of them in a chronological order and the first 50 were the lucky ones. I hope there is no hard feeling from those left out. The date on these QSL cards signed by myself is this: May 14, 1970. I also wish to inform you that postage was paid by myself, not by the station; some IRCs sent by DXers were used too.

I don't know what the new QSL policy of the station is, a new director is being appointed. I will try to find out and let you know later on, and if possible try to keep on replying to DXers mail.

Special thanks to Cesar for his assistance in obtaining verifications from Radio Cristal. His help is something that makes our hobby great. DXers who received QSL cards from him can express their thanks to him at the following address:
Calle Benigno F. Rojas 46, 3er. Piso, Apartamiento 5, Santo Domingo, Dominican Rep.

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'SHORTWAVE RADIO IS VERY MUCH TODAY'

Richard E. Wood

From Melbourne to Madrid, from Berlin to Beirut, world broadcasters beam their programs to American listeners.

This is part of today's revival of interest in shortwave radio, sparked off by massive sales of transistor receivers equipped to pick up shortwave signals. There may be as many as five million radios with one or more shortwave bands in the U.S. today, and such stations as Radio Australia, Radio Berlin International, and Radio Cairo are well aware of this. The result? English-language programs designed to suit the taste of the American listener, broadcast at times and on frequencies which will give him good reception.

What kind of stations can the American listener hear on his shortwave set? Both governmental and private stations, and cultural and religious broadcasters, too. Among the government-operated stations are those of the various Communist countries and from some of the newly independent nations of Africa and Asia. Then there are commercial, independent stations such as WNYW, New York's own shortwave station.

A third class of station is the independent statutory corporation, which holds a monopoly on broadcasting in a particular country but operates in the public interest and free of political pressure. The archetype of this class of station is Britain's BBC; the same type of institution may be found in other Commonwealth countries such as Australia and Canada. Then there are religious broadcasters such as HCJB, the Voice of the Andes in Quito, Ecuador, and Cultural stations such as the Mexican university stations with their fine classical music.

Why should an American listen to shortwave? So much of the old vivacity has been lost in domestic AM radio; but shortwave radio is very much today's medium. Shortwave radio offers news direct from the source. Many of the stations beaming to North America have established world-wide reputations as news sources. The British Broadcasting Corporation, for example, rose to fame as an impartial newscaster during World War II, and has maintained its reputation ever since.

It also draws upon a body of respected political commentators, not only members of its own staff but also from the faculty of British universities, from the London press, and the trade unions. Proof of the BBC's popularity is the fact that its newscasts are relayed by many independent stations, not only in Commonwealth countries, but in others, such as Liberia and most countries of Latin America, which have never been under British rule.

Other stations have built up reputations for their regional news coverage. Radio Australia, overseas voice of the ABC, is seen by many as the prime source of news and comment on Asian and Pacific events, while Radio Japan, in its regular Asian newscasts, provides news summaries from other broadcasters throughout Asia, so that listeners who might not be equipped to receive smaller stations such as Radio Afghanistan or Radio Nepal may still hear news from those countries. The world's oldest shortwave broadcaster, Radio Nederland, the Dutch World Broadcasting Service, is a sophisticated commentator on the Common Market and the European unity movement.

But there is more than news on shortwave. There is entertainment, too. Take music. Holland's Radio Nederland, for instance, broadcasts weekly concerts by the Concertgebouw Orchestra of Amsterdam. Radio Cairo has lessons in the understanding of Arab music, while All India Radio features Ravi Shankar and other famed Indian artists. The British popular music scene is spotlighted in a regular BBC World

'SHORTWAVE RADIO IS VERY MUCH TODAY'
(continued)

Service session, "Cool Britannia."

Is shortwave radio not a technical hobby? It need not be. The average listener need only tune his receiver to the international shortwave bands, which will usually be marked on the dial. If he does this during his local evening, when stations are on the air, beamed to his area, he will find a variety of stations, quite close together. He should slowly move his dial (his bandspread dial if he has one), until he reaches a station which interests him.

---This article first appeared in The Christian Science Monitor... reprinted by permission of the author.

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"RADIO SWYNE"

Art Poulis

The last four minutes (s/off 2000 GMT) of an illegally operated transmitter, calling itself "Radio Swyne" was heard on January 24, 1970, on a frequency of 15018 kcs (15011 announced). At the time it was first found an announcement was being given that phone calls would be accepted during the remaining four minutes of the transmission. I assume a phone number had been given earlier. QSL requests, they announced, could be sent to 10725 Nadine Street, Huntington Woods, Michigan 48070. Announcements made included: "We are operating on this frequency for obvious reasons. We are only 100 watts and people find us easy here. The only people that don't find us here are the FCC. We have no connection with the CIA. This is a radio revolutionary type program. We will be on again later tonight. We are going off the air with the interval signal of Radio Swyne".

The so-called interval signal was electronically generated and consisted of various squeals, whistles, and beat notes that lasted about a minute. The announcer appeared to be an 18 year old juvenile delinquent. Monitoring intermittently during the rest of the evening failed to bring back Radio Swyne.

This article was held until now in the hope that Radio Swyne would be heard again or would issue some verifications. Regretfully neither has occurred. W. A. Matthews

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NATIONAL BUREAU OF STANDARDS' ATOMIC CLOCK
A MYSTERY IN THE TICK

Governed by the natural rhythm of an isotope of the cesium atom--which vibrates exactly 9,192,631,770 times per second--the atomic clock has long been considered man's most accurate timekeeper. Calculated to gain or lose less than a second over a period of 6,000 years, it was adopted by the 1967 General Conference of Weights and Measures as the international time standard. Despite those impressive credentials, which are accepted by most scientists, the reliability of the clock has now been questioned by two experimenters at the U.S. Naval Research Laboratory.

When the sun rises, Physicists Dror Sadeh and Benjamin Au report in Nature, the

NATIONAL BUREAU OF STANDARDS' ATOMIC CLOCK
(continued)

ticking of their test atomic clock mysteriously slows down and then speeds up. Sadeh and Au observed this disconcerting phenomenon after discovering another strange effect: the farther they carried an atomic clock from their laboratory, the slower it seemed to run in relation to a similar clock that was left behind. Pondering the strange "distance effect," they decided to compare the performance of two atomic clocks at separate, fixed locations over an extended period of time. They stationed one clock at Cape Fear, N.C.; their other instrument was a master timepiece at the Naval Research lab in Washington. For six months, they measured the time that elapsed between the tick of the master clock and the corresponding tick of the Cape Fear clock (which was transmitted to Washington by radio). Immediately after sunrise, they found, the Cape Fear clock would begin to lag behind the Washington clock. By afternoon it would just as regularly catch up again. A similar but smaller effect occurred at moonrise.

At first, Sadeh and Au were inclined to blame environmental factors. But when they varied the temperatures at both stations, for example, the atomic clocks did not respond in any way. Other checks seemed to eliminate atmospheric irregularities that might have affected the radio waves carrying the time signals between North Carolina and Washington. The experimenters also ruled out a time slowdown that might have been caused by the mass of the sun or moon. Totally baffled, they concluded that they had observed "a new phenomenon which does not have any obvious explanation."

Other scientists are skeptical. Several have tried in vain to duplicate the "distance effect." Last week the director of the time service division of the Naval Observatory, Dr. Gernot M. R. Winkler, voiced the strongest doubts yet. "We have 100% proof that the distance effect is all wrong," he said, "and a 95% chance that the sunrise-moonrise effect is spurious." Which still leaves the Sadeh-Au question: Why did the clock appear to slow down at sunrise?

The National Bureau of Standards operates stations WWV (Fort Collins, Colorado) and WWVH (Maui, Hawaii) on shortwave.

Time

---via: Larry Zamora
(adapted)

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INDIA'S AGE OF THE TRANSISTOR RADIO

Ernest Weatherall

The age of the transistor radio has reached India. Our cook's son Ravanni brought me one he had just acquired saying, "Japanese, sir. It is smuggled. Very good. Much better than Indian radio."

I disagreed with his latter statement pointing out that my Indian built Telefunken transistor has been faithfully bringing me the Voice of America and the BBC for the past three years.

Unfortunately, like many consumer goods in India, the transistors were of poor quality in the past. Although they have greatly improved, it will take a long time to build up consumer confidence again. Besides, Ravanni's status was enhanced by having an imported radio. As for smuggling, it will continue to be a way of life

INDIA'S AGE OF THE TRANSISTOR RADIO
(continued)

in India until the day locally made consumer goods catch up with the quality of foreign imports.

Das Gupta, Ravanni's father, would have nothing to do with a transistor radio. In his spare hours he meets the servants in the neighborhood and exchanges the latest news about their households. I'm sure he had many stories about the strange American sahib, who talks into a machine sometimes, then listens to his voice. I once tried to explain that I was preparing a broadcast for CBS News in New York, but I don't think he quite understood.

Since acquiring the transistor, with one short wave band--an additional status symbol--Ravanni is a hard man to get hold of. His radio is blasting so loud that he never hears the front door bell, or when anyone calls him. While he cooks, the transistor is turned up to its maximum volume; when he goes to market, the radio slung over the handlebars of his bicycle. At night he brings it upstairs and plays it alongside his bed, staying up until 11 o'clock when the local radio station signs off.

To my untrained Western ear, the music on Ravanni's radio all sounds the same. I'm sure that high-pitched singing that goes on all day, is done by the same girl.

"What is she singing about?" I asked him.

"Love sir," he said shyly. "Is Punjabi music, where I come from."

One day he discovered Radio Pakistan on the dial. "My father's village now in Pakistan," he explained, in case I thought he was being disloyal to India. Ravanni never showed much interest in the short wave band until I found a Hindi broadcast on the Voice of America. "But sir," he said, "I did not know they spoke Hindi in America."

The servants next door who work for the Radio Moscow correspondent found that wave length for him. "It is much better than the Voice of America," Ravanni said, shocking me for a moment until I realized he meant that the reception was clearer. Despite the promise of Ken Giddens, head of VOA, the Voice speaks weakly to India and with a great deal of static.

One day, the usual crowd of boys that used to listen to Ravanni's radio were missing. He was sitting out on the back veranda by himself.

"Where are your friends?" I asked.

"They are with my friend, Krishna," he said sadly. "His father's master brought very small television from Japan for him. Now all my friends are in Krishna's room seeing Hindi movie on television and not want to listen to my transistor now."

Ah! How fleeting status can be--even in India.

Christian Science Monitor

---via Scott Moeller

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SUPPORT NASWA-SUPPORT FRENDX

Your Number 1 source of Information

REPORT ON THE HEATHKIT Q MULTIPLIER
MODEL GD - 125

Wendell W. Sterling

For DX-ers that cannot afford an expensive receiver the Heathkit Q Multiplier may provide increased selectivity needed for better reception. All that is required to align it is the S-Meter on the receiver or a simple DC volt meter. You can do it "by ear" but that method is not as accurate. It is even better than the built-in Q Multiplier on my Hammarlund HQ 100 in that it has more controls.

It takes a while to get used to operating but once mastered it will split a hair.

What it will do.

1. Allow you to chose the band width. Even to the point of clipping the audio almost out.
2. Null out a lot of Hetrodynes and other QRM.
3. It can be used as a BFO.

What it will not do.

1. It will not work as well as a side band filter for SSB.
2. It will not help the receiver sensitivity.
3. It will not replace dual conversion for image rejection.

If you have a tube set with a 455KC that lacks selectivity, the Q-multiplier will help to eliminate this problem.

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RADIO TELEFIS EIREANN

Gerry Dexter recently wrote to Radio Telefis Eireann regarding the possibility of establishing a shortwave service. The Director-General, T. P. Hardiman replied to his letter with the following information.

"The history of Irish short-wave broadcasting is very simple. Early in 1939 a 1.5 kW experimental short-wave transmitter with rhomic aerials was installed and daily transmitted the same programme as the medium-wave service up to March 1941. After this the short-wave transmitter only relayed the two daily news bulletins at 1800 hours and 2200 hours.

In 1946 the Government then decided to provide a 100 kW short-wave station. The installation of this was completed in early 1948. Shortly afterwards there was a change of Governmnet, and the new Governmnet for reasons of economy decided not to proceed with short-wave broadcasting. Since then short-wave broadcasting has not been revived in Ireland.

We consider that the cost of providing an adequate short-wave service is too high for the benefits that might be derived from such a service. Nowadays few but DX fans listen on the short-waves. Many domestic receivers now are not equipped to receive short-waves. Even when receivers are so equipped, the steady medium-wave or VHF/FM signal from a local station is more attractive to the average listener than a weak variable short-wave signal, even though this has the enchantment of coming from a distant land."

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RADIO NORDSEE INTERNATIONAL

The BBC recently reported that Radio Nordsee International had decided to jam Saturday morning pop music programs on the BBC as a retaliatory measure for the BBC's jamming of RNI broadcasts. It is felt that the jamming would be on medium wave only. RNI recently inaugurated its second short wave transmitter. The Norwegian Government has jammed the 6210 channel with a coastal marker station according to "Sweden Calling DXers".

Information from Lawrence Scoville

RNI has returned to a position off the Dutch coast because of British jamming. The station is now on the air until 0200 GMT with English programming. At times, the station carries German programming. Reports are requested to the usual address, though no promise of verification is made.

Information from John Banta

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THE NEW MOSLEY VERTICAL FOR THE SWBC BANDS

Hundreds of SWLs have written about the problem of their lack of space for stringing up conventional dipole or longwire (Inverted-L) antennas. And the principal reason for the sales of the Joystick Antenna Systems is the ability to install a Joystick in minimum space. But now--the biggest antenna news for years--Mosley has come out with a Trap-Vertical designed for 11, 13, 16, 19, 25, 31, and 49 Bands. Typical of all Mosley products, this SWV-7 Vertical is very ruggedly designed, and it can be installed on your roof or at ground level if it is not too closely surrounded by trees, wires or structures. When roof-mounted, it requires the use of radials cut for each band. These radials are no problem, except for possibly the longest one which is 38 ft. Now, your roof may not be that long, but this radial can extend out towards a pole, or tree, and doesn't necessarily have to be parallel to the ground. Any moderately strong wire can be used for the radials, and the antenna is fed to your receiver with 50 to 75 ohm coax (radial wire and coax not furnished). When ground-mounted, if your soil is moderately moist no radials are required; however if I were to install one at ground level I couldn't resist doing a little experimenting with radials for one or two bands.

A Vertical is completely omnidirectional, receiving equally well from all directions. Thus, with the Vertical you will be receiving stations that you never heard before, and weak stations that your dipole doesn't favor will come in as much as 2 "S" Units stronger than before.

The price of the SWV-7, postpaid by Special Handling, is \$35.50. Wire for the radials and coax feed, which is easily available, many run ten to twelve dollars more. I have a stock of the SWV-7 on hand, but in cases where you are located to the west of the factory, I have orders drop-shipped from the factory for the sake of saving a few days. If you have any questions, or if you have not already received a circular from me, just drop me a line.

Available from:

Todd Graves - SWL Guide
414 Newcastle Road
Syracuse, New York 13219

USING SOUNDERS TO FIND A GOOD FREQUENCY - PART II

Cal Cornils

An article in the March SWC Column described one way that a radio station can find a good frequency--by using a "vertical" sounder. This is a device that bounces HF radar-like pulses off of the ionosphere directly overhead to sample its composition and reflecting ability. For the broadcaster, though, this method leaves something to be desired. He would like to find out what the reflecting layer is like about 1200 miles down the path from his station--this is where the actual ionosphere bounce point back to earth will be. He can do this by using an "oblique" sounder, a modification of the "vertical" type.

An oblique sounder sends out short pulses of energy at a certain frequency (just like the vertical sounder), but transmits the signal obliquely--a few degrees above the horizon--and in the direction of the target area, to follow the same path as the intended broadcast. The pulses will reflect from the ionosphere and reach the target area, if conditions are right. Then, a part of the energy will reflect off of the earth and return backwards to the sounder site by retracing the same path. Of course, much of the signal pulse that reaches the ground in the target area will be scattered in many different random directions; but because of irregularities in the ground's surface, a small (and detectable) amount will bounce back in the direction from which it came.

By watching the shape and strength of the returning pulse, the operator can tell whether or not the ionosphere is capable of reflecting this particular frequency to the target area with a minimum of distortion. If one frequency returns weak or distorted pulses, the operator can easily change the sounder's frequency and eventually find the band of frequencies that are useful. This may sound like a difficult or complicated procedure, but modern sounders are equipped to scan automatically and give the operator a readout that is easy to understand and interpret. And--the system works. When commercial and government communicators use a system like this to choose their operating frequencies, they report a significant reduction in circuit outage time--sometimes greater than 50%.

What about interference from sounders? In most cases, it is insignificant, and will never be noticed by others using the frequency. Only a few short pulses are required to find out if a frequency is propagating, and a reading only needs to be taken every 10 minutes or so. Listening on your receiver, a sounder's signal will resemble a couple of ticks (like the WWV time ticks) and will probably be unnoticeable. Even though sounder transmitters are relatively powerful (up to 30 KW), the pulse is on the air for such a short period of time (1/1000 of a second or less) that the overall disturbance is very small.

This technique has a great potential for eliminating the guess-work from frequency selection by providing the operator with a means for measuring the propagation factors which affect the reception of his signal. Broadcasters cannot go frequency-hopping around the band like the PTP stations, because they would rapidly lose their audience. But, those broadcasters who do want accurate and up-to-date information on what the ionosphere is doing will find a sounder invaluable.

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Coming next month: 33 years of DXing with Tom Williamson, Growing audience for SW radio by Richard Wood, a trip to Nigeria with Richard Murphy, tips on using FRENDX by Terry Hicks and Al Sizer, DX Atlas: Seychelles with Kris Lemma and Bill Matthews, and more!

ANTHONY MARKS - EDITOR
1610 ALDER, P.O. BOX 521
LA GRANDE, OREGON 97850

Deadline 15th of the Month



HANK MICHALENKA-ASSOC. ED. ..
14 BROOK STREET
CENTRAL FALLS, R.I. 02863

Deadline 8th of the Month

NASWA NEWSROOM

I would like to take this opportunity to thank Mr. Eddings for giving me the chance to try my hand at being the editor of the NEWSROOM section; at least I think I'd like to thank him (I'll know for certain in a month or so). We would like to make this column an actual newsroom, so some of you do some research on DX subjects and pass the results on to other club members through this editor.

Mr. Michalenka and myself are here to help spread this information around, so use us - we are going to be likened unto the infamous yellow pages - the place to look for information. We have not yet decided exactly how we are going to divide the assigned tasks, but when we do, this editor will pass this along also.

Due to the distance between Mr. Michalenka and myself, we must ask that information which will go to him should be there by around the 8th of each month, so that he can get the same to me by my deadline of the 15th, that I may get it all to headquarters by the 25th. I have suggested to him that perhaps those of you with schedules for the column should send them directly to me (since they have a definite time value), and those of you who have researched other type of information can send it there to be compiled at that end and then sent on to me for final fitting and typing. Perhaps some of you, though, may have even a better suggestion - one way to find out - write to us and let us know what you think. Trial and hopefully, not too much error, will prevail, until we can work out the most efficient method of operation.

I must add here that the final typing of the stencils will be done, at least for a while, by my XYL, Barbara, who is a legal secretary, and who most assuredly knows what she is doing when handling these mechanical monsters.

Now for a short editorial, which concerns two stations ordinarily not covered in this bulletin, but in some cases I plan to break tradition.

VOA: The policy of FRENDX has been basically to ignore VOA, because of several reasons, it's easy to log and it's our own country's station, etc. One can become so intent on ignoring VOA, however, that one can completely overlook her various relay stations, which may be a grandiose mistake. On 09 July I reported to a VOA broadcast on 15205 KHz at 2300 GMT, which when verified, turned out to be from Morocco, Tangier. This seemed incredible to me, since the chances of my logging the Tangier SW station are just about nil, so I consider myself quite fortunate to have logged and verified a new country, just by listening to VOA. Besides this DX possibility, VOA and AFRTS are my only source of radio broadcast ball games - many of you in fringe areas may have the same problem.

BBC: While we're on the subject of that which we are not supposed to discuss, let us not forget the BBC. Don't overlook this station (or it's relay outlets) when you really feel like radio listening. The BBC can offer you entertainment, which few other stations have. My favorite program, for instance, is the BBC "Theatre of the Air" - Saturday night, 2430 GMT. The shows are usually well worth the time, and are reminiscent of what our commercial band radio used to be. This editor does plan to include schedules of some of the easy to find stations, as well as those for just country chasers, because many of our members, myself included, want to hear what is going on from the "big" ones, not just to log a fleeting moment of the so called exotic ones which offer no real opportunity to listen.

NEWS ITEMS

DEUTSCHE WELLE: On 23 July I received in the mail a new copy of the World Radio TV Handbook from DW with no explanation as to the reason they sent it. However, about 3 days later I did receive a letter from them covering many details of questions I have asked them over the past few questions I have asked them over the past few months.

"TODAY WE SHOULD LIKE TO THANK YOU MOST SINCERELY FOR THE NUMEROUS RECEPTION REPORTS WE RECEIVED FROM YOU DURING THE PAST MONTHS.WE WANT TO MAKE UP FOR OUR NEGLECT BY SENDING YOU UNDER SEPARATE COVER A COPY OF THE W.R.TV.H 1970 WHICH WE ARE SURE YOU WILL FIND AN INDISPENSABLE GUIDE TO YOUR HOBBY." (DW)

It is interesting to note that they explained in some detail the reasons they want to get so many reports and why they want them at a certain time. Many of you may know this now, but for the rest, I am going to quote some more from their letter to me. "Our engineers of the High Frequency Section hold a monthly frequency meeting. Before this meeting, every single report according to the target area is evaluated and put down on special maps designed for our evaluation system. These frequency surveys, which are arranged according to times of transmission, serve as the basis for these meetings....."

"You certainly know that the propagation conditions, i.e. the reflection capacity of the ionospheric layers depend on the intensity of the ultra-violet radiation of the sun, which differs according to the seasons. The main problem is now to choose the most favorable operating frequency, which must be well below the maximum usable frequency, and which warrants best range coverage. Otherwise the radio rays would penetrate the ionosphere and never return. If, at a high position of the sun, higher wavelengths, for instance from 25 - 49 meters, are used, this will result in an attenuation of the electromagnetic waves on their way to the target area, so that the signal arrives in your receiver with poor field-strength. Interference becomes stronger so that a satisfactory reception of the desired station becomes scarcely possible. Therefore, our aim must be to achieve a satisfactory coverage of all target areas and maintain a good reception quality.

It is important that reception reports referring to transmissions of the foregoing month, reach us by mid-month inst., as by then the concluding frequency meeting of the preceding month takes place. Your up to date SINFO-information will grant us a good survey on the reception situation in all target areas." (DW)

EQUIPMENT: I am certain by now most of you have gotten the information about the new Mosley SWV-7 vertical antenna. I would like to hear from any of you that have used this antenna and compare your opinions of it. Right now I using the HyGain SW-9 vertical, which is a great improvement over the 90" LW I used to start with. I still use it for the lower frequencies, but the SW-9 for most of my DXing.

For information on either the HyGain or Mosley antennas, contact Todd Graves, SWL Guide, 414 Newcastle Road, Syracuse, NY 13219, or, of course, the manufacturers directly.

Here's an interesting item in a letter received from Mr. George A. Partridge, Managing Director of Partridge Electronics Ltd. of England, makers of the "Joystick-Joymatch" antenna system. "We are developing a new range of tuners. There is a possibility of the emergence of another easier to operate receiving type tuner." The letter also states that they are arranging a coast-to-coast mail order business in the USA. We hope to have more on this at a later date. (HM) I wonder what this will do to Todd's business, and if SWL Guide will be a part of this chain. (ed.)

It looks now as if the R. L. Drake Co. is trying their very best to prohibit many of us from being able to join the ranks of SPR-4 receiver owners. According to Al Sizer, the Drake Co. is increasing the retail price of the new receiver from \$379 to \$449, and this was to have taken place on 01 August. What I would like to know is whether the receiver is even close to being worth that amount or if they are covering for a loss of expected volume sales. I guess I'll stick with my DX-150, a very reliable machine for a reasonable price.

Now for some schedules. I want to say here and now that this editor will assume no responsibility for the accuracy of any schedule or frequency list which appears in this column. As you may know, stations change either at the slightest whim. I will include both schedules which are sent to me and those which I compile myself, knowing that they may be inaccurate before I finish typing the column.

KUWAIT: Eng. to India & Pakistan
0400 - 0600 on 17750KHz; Europe, 0630 - 0900 and 1600 - 2100 on 15345 KHz; Gen. Service, 0400 - 0900 and 1600 - 2100 on 4967.5 KHz. (TH)

Korea: KBS, The Voice of Free Korea; English to NA, 0300 - 0330 and 0900 - 0930 on 15430 KHz; SE Asia, 0800 - 0830 on 6135 KHz; to Europe, 1330 - 1400 on 15430 KHz, and 0630 - 0700 on 15155 KHz. (TH)

Mauretania: Mon. - Sat.
0700 - 0800 on 4850 KHz w/30 Kw
1200 - 1430 on 9610 KHz w/30 Kw and
7245 KHz w/4 Kw
1800 - 2230 on 4850 w/30 Kw
Sunday
0800 - 1400 on 4850 KHz w/30 Kw and
9610 KHz w/30 Kw
1800 - 2300 on 4850 KHz w/30 Kw

All Programing is Arabic/French?
Vernaculars, interspersed irregularly.
This was taken from a QSL. (ES/HM)

NEPAL: Daily, 0120 - 0350 on 7105
w/5kw, and 11970 w/100kw; 0720 - 0920
on 7165 w/100kw; 1320 - 1650 on 7165
w/100Kw and on 11970 w/100Kw. Languages
not mentioned, but HM believes news in
English is 1500 - 1510 only, rest in
Nepali. (ES/HM)

GAMBIA: "According to a letter received from the Acting Broadcasting Officer of Radio Gambia, dated 24 July, this station plans to extend their sign off time from 2130 GMT to 2200 GMT in a few months. They also state that the further extension of their nightly broadcasting hours is not unlikely for the near future. Radio Gambia operates on 4820KHz with 3.1 kw's." (EM/HM)

SICILY: Daily, 2206 - 0400 on
6060/9515 KHz with "Nocturne" program;
0400 - 2200 on 6060/9515 KHz with the

SICILY (Continued):

First program; (The "Nocturne" is music with news in Italian/English on the hour, French/German on the half hour. The other is entirely in Italian (Sicilian).

Mon. - Sat.,
0400 - 1010, 1030 - 1230, and 1300 - 2205
on 7175 KHz w/Second program; Sun.-Hol.,
0400-1200, 1230-2205, on 7175 KHz. (HM)

PORTUGAL: Daily, 0200-0245 on 6025/
11935/15125; 0300-0345 on 11840; 0345-
0430 on 6025/11935/15125; 0730-0900 on
17880/21495; 1345-1430 on 17895/21495;
1815-1915 on 17895/21495; 2045-2130 on
6025. This is for the English language
broadcasts to various parts of the world.
For those of you who wish to monitor Radio
Portugal, here is a quote from their latest
Listeners' Magazine. "We apologize for
coming back to this matter once again, but
in spite of the details given in the last
issue of the newsheet, there are still
some members (DX Club) who are sending in
logsheets with details of only one, or at
the most, two day's reception on them."

"Almost all those have been answered
with a special card stating that they will
not in the future be verified, but we would
ask all those members who have not received
such a card to make quite sure that their
sheets do cover at least five different
days, so as to establish a comparative form
of reception, which will permit our Engin-
eering Department to really assess the needs
for changing a particular frequency or even
time." (RF) I only hope that there is
none of us in NASWA guilty of this. If
more than one days reception can not be
logged, than at least make a record of the
times you tried, but could get nothing,
and include this on the log sheet. (Ed.)

RBI: English Service; 1730 on
6080/6115/7185/7300/9730; 2015 on 6080/
6115/7185/7300/9730; 2200 on 6080/ 6115/
7185/7300/9730; 2300 on 6080/6115/7185/
9730; 0100 on 5955/9730; 0230 on 5955/
9730; 0330 on 9560/9650/11970; 0615 on
11795; 1315 on 21600/17825; 1815 on
15390/21600; 2000 on 9570; 0645 on
17700; 1200 on 17700/21540; 1330 on
21540; 1515 on 15165. (RBI)

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(NOTE: This being first section by new editors, we would like to know your opinions comments, criticisms and suggestions. Drop a line to Hdqs or to Tony or Mike. Tnx!)

Two quick items here; According to the new fall schedule of CBC Shortwave service, the station has adopted the new name of "Radio Canada International".

The Islamic Holy Month of Ramadan is, this year, from 01 November to 01 December. Ramadan means a daily fasting from sunrise to sunset. In the evenings therefore, many Arabic stations are on extended schedule, offering the possibility of logging stations whose schedules normally mitigate against NA reception. (both GC)

AUSTRIA: I have broken down a schedule of Radio Austria received from WE into a 24 hour broadcast chart for those of you who keep such lists.

2400-0400 on 6155/9770/15145;
 0400 & 0500 on 6155/7245/17740; 0600 & 0700 on 6155/7245/15410/21670; 0800 & 0900 on 6155/7245/15410/17795; 1000 & 1100 on 6155/7245/9770/17785; 1200 & 1300 on 9770/11785/11860; 1400 & 1500 on 9770/11860/17780; 1600 & 1700 on 6155/9515/17865; 1800 & 1900 on 6155/9610/15210; 2000 & 2100 on 6155/7110/11925/15210; 2200 on 6000 (which actually runs from 0400-2305, ND to Europe from Aldrans w/1kw); 2300 on 6155/9690/9770.
 The schedule makes no mention of language, so I have no idea, except for the NA broadcasts, which is on next column.

I wish to thank all those who took time to write me, sending their best wishes in being the new editor of this column, and sending some material for the NewsRoom. This then, my first column, is so dedicated to these new friends, and I truly hope that my endeavor has not been a disappointment to them or to our Executive Officer, Mr. William Eddings, without whom we would have no bulletin. This is your column, I am just the editor; there will be nothing without your support. Therefore, like all other editors, I request your assistance in gathering the material which is to be used hereafter. No matter how small or seemingly insignificant such material may seem to you, send it on to me. One never knows what someone else may want (ever been to a rummage sale?) I will answer all personal letters written to me with such material, but it may take a few days, so be patient. Thank you all again; at the end of the next column is the list of sources for the items used in this months' fantastic preview of coming attractions.

The NA schedule from Austria, which is included in the preceeding scramble of numbers, is as follows: NA 2300-0400 on 6155; NAE 2300-0400 on 9770; CA 0000-0200 on 15145, which may be Spanish, but the other two are English. I do have a feeling, however, that this entire schedule is in English - any pros or cons?

The following is a section out of my own schedule book, and if any of the newer members, who have not of their own, want more, I will print some each month.

0200 GMT; ABC 15170/17870/21540;
 Austria- 6155/9770/11725; AFRTS-15330/17765/21500; Ascension Is.-9510/15260; BBC-9580/11750/15070; Burma-7205/9685; Br.Honduras-3300; CBC-9625/11720/15190; Cuba-9525/11865; Darwin(ABC)-15355/17715/21485; DW-6040/6075/9735; HCJB-9745/11780/15115; Holland-11730; Mexico-(XERMX)9745/6055/11720; China-15060/17673/178/55(R.Peking); NHK-17785/17855/17880; NZ-15280/17770; Norway(Sun.)-11735/11850/11860; N.Korea-6540/7580; Philippines-21515; Portugal-6025/11935/15125(QRM from HCJB on 15115, which spoils best channel to this QTH); Sweden-11825; Seychelles-15185; Spain-6130/9760; Taiwan-11825/15345/17890; USSR-9700/11870/15230; Windward Is.-11970; VOA-9740/15205.

QRG underlined is best channel for my QTH - These are all or part English.

AS = Al Sizer/CT; BM = Bill Martin/DE;
 ES = Ed Shaw/VA; GC = Gregg Calkin/Ontario, Canada; HM = Henry Michalenska/RI;
 TH = Terry Hicks/FL; WE = William Eddings/
 PA RP = Radio Portugal; DW=Deutsche Welle;
 RBI = Radio Berlin International;

In the course of the column you find this (XX/YY) as the source. This means simply that XX supplied the information through YY (which usually will be HM, the assistant editor).

(XYL goofed in several places but King-Kong won't let me in his den and lock the door as he does..bear with me, this is a new typing experience..I hate numbers, but need the practice.(XYL/OL)= Barbara

* * * *

UNTIL NEXT MONTH THEN, 73 AND GOOD NEWS:

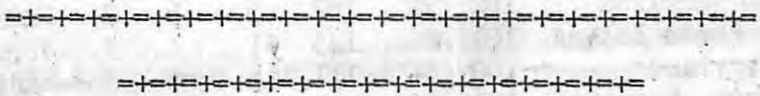
TONY
 MIKE
 BARB



QSL REPORT



GREGG A. CALKIN
 NASWA QSL EDITOR
 131 COOPER ST., APT. 903, OTTAWA 4, ONTARIO, CANADA
 Deadline: Fifteenth



SCOREBOARD

This month SCOREBOARD turns its attention to OCEANIA as its featured continent. But first, as a reminder to all, SCOREBOARD is run tri-monthly and you are invited to regularly submit your DX-ing totals for inclusion in the listing. HIC - Countries Heard; VIC - Countries Verified; HIS - Stations Heard, and VIS - Stations Verified. The next SCOREBOARD appears in the December issue when the spotlight will be on SOUTH AMERICA. The deadline for submissions to the December SCOREBOARD will be November 15.

N°.	Name/Location	11/8/70		OCEANIA		OCEANIA PRIZED QSL
		HIC/VIC	HIS/VIS	HIC/VIC		
	EDWARD KUSALIK	102 85	125 105			
1.	Don Jensen, Wisconsin	203 200	---	12 12		VQ02, Solomon Is, 5960
2.	Bob Padula, Australia	199 187	---	13 12		Port Vila, 3905 kHz
3.	Barry Williams, New Zealand	196 187	---	14 14		2AP, Apia/Samoa, 6040
4.	Gerry L. Dexter, Wisconsin	191 188	794 568	12 12		SIBS, 5960, 100 watts
5.	Bill S. Sparks, California	183 178	---	12 12		Port Vila, 3905 kHz
6.	Dan Henderson, Maryland	182 155	---	8 8		R. Bougainville 3322.5
7.	Marlin A. Field, Michigan	180 172	629 475	11 11		Papeeté, Tahiti 11825
8.	Dr. T. B. Williamson, Ontario	180 168	---	-- --		-----
9.	Roger Camire, New Hampshire°	180 107	---	7 5		Nouméa, New Caledonia
10.	Alan H. Roth, Connecticut°	177 161	479 363	9 8		Suva, Fiji, 5980/250w
11.	James W. Young, California	177 126	---	-- --		-----
12.	Wendel Craighead, Kansas	176 155	---	10 8		VRH4, Fiji, 4756 kHz
13.	Robert Shepherd, Australia	170 151	---	-- --		R. Port Vila, 7260 kHz
14.	Alvin Sizer, Connecticut	167 136	405 149	9 9		Bougainville, 3322.5
15.	Edward Shaw, California	166 136	386 221	11 11		Radio Fiji, 7195 kHz
16.	David L. Potter, Florida°	160 ---	395 ---	9 --		-----
17.	Dan Ferguson, Florida	160 ---	---	7 --		-----
18.	Craig Koukol, Illinois	154 118	220 128	8 7		Fiji, 3230 kHz
19.	Arthur Poulis, Massachusetts	154 113	---	10 9		R. Tarawa, 4912.5 kHz
20.	Kris Lemna, Indiana	153 116	---	-- --		Radio Fiji, Suva 3284
21.	Del Hirst, Texas°	150 104	341 108	10 8		Suva, Fiji, 9715 kHz
22.	Bruce W. Churchill, California	147 121	---	-- --		R. Port Vila, 3905 kHz
23.	Gregg A. Calkin, Ontario only	141 105	193 123	7 7		R. Rabaul, 3385 kHz
24.	Chris Lobdell, Massachusetts	140 116	240 154	5 4		Nouméa, 7170 kHz
25.	Bob Hagerman, Michigan	139 111	371 157	5 5		Nouméa, 7170 kHz
26.	Mike Macken, Massachusetts	138 78	---	2 2		R. New Zealand, 11780

27. Richard Anderson, Illinois	130	115	---	160	5	5	Radio Rabaul 3385 kHz
28. Bill Martin, Delaware	127	79	170	69	3	1	Radio Australia 11710
29. Bill Eddings, Pennsylvania	122	103	168	151	9	8	-----
30. Ralph Perry, Illinois	122	89	---	---	8	5	Radio Tahiti, 11835
31. Danny Jamison, Virginia	117	5	---	---	-	-	-----
32. Andrew Pappas, Illinois	116	98	113	94	-	-	Radio Tahiti, 11835
33. Michael Seth, New York	116	73	253	81	6	3	-----
34. Terry Adkins, California	112	55	134	61	-	-	-----
35. Richard L. Murphy, Texas	111	90	190	119	5	4	Nouméa, N.C., 7170
36. George Schnabel, New York	110	86	---	---	5	4	-----
37. Greg Kelley, Virginia	110	68	130	75	-	-	-----
38. Jerry L. Green, Virginia	105	81	132	81	3	3	Radio Tahiti, 6135
39. Richard S. Heggs, B. C.	103	85	141	100	8	8	Radio Rabaul, 3385
40. Al Reynolds, North Carolina	102	72	152	85	5	2	Radio Tahiti, 11825
41. Henry Michalenka, Rhode Island	101	80	145	91	4	3	Nouméa, 7170 kHz
42. James S. Hurst, Maryland	100	86	141	115	4	3	Radio Rabaul, 3385
43. Carroll R. Patterson, Georgia	100	80	219	122	7	4	VLI6, Sydney, 6090 kHz
44. Steve Kamp, Texas°	99	85	241	127	7	7	VTW2, Tarawa, G&E Is.
45. John Zaharek, Connecticut	98	84	159	119	3	3	V LX9, Perth, Au, 9610
46. Barry Glassberg, New York	98	75	---	---	5	5	R. New Zealand, 15110
47. Thomas B. Alleman, New York°	91	79	117	99	7	2	ORTF, Nouméa, 7170
48. William G. Caldwell, California	91	72	---	---	5	5	R. Tahiti, 11825 kHz
49. Thomas Henry, New York	91	59	---	70	-	-	-----
50. Alan Jeeves, Pennsylvania	91	20	156	22	4	1	R. Australia, 15220
51. Dennis P. Driscoll, North Carol.	90	60	150	85	-	-	-----
52. Irwin Glasberg, P. Q.	88	79	153	105	3	2	R. New Zealand, 15280
53. Bob Kirkpatrick, B. C.	88	71	97	79	4	4	-----
54. Stanley D. Mayo, Maine	85	79	---	---	4	4	Radio Rabaul, 3385 kHz
55. Tom Walsh, Massachusetts	84	26	105	26	3	2	Radio Australia 17820
56. Harry Smith, Ohio	83	75	---	---	4	4	-----
57. Ron J. Ponke, Michigan	83	33	114	38	3	1	-----
58. David Volle, Illinois	82	65	122	82	3	2	R. New Zealand, 9540
59. John Mraz, Pennsylvania	82	61	111	71	4	1	ABC/Melbourne, 7190
60. John T. Soneff, Louisiana	81	63	137	69	3	3	-----
61. Ken Lyon, New York	80	71	109	79	1	1	R. Australia, 11710
62. Kevin Brown, Michigan	79	57	140	69	1	-	-----
63. W. John Hartman, New York°	79	57	107	84	3	3	R. New Zealand, 9540
64. Jerry M. Stuart, Oklahoma	77	62	---	---	6	5	V LX15, Australia 15425
65. Kim Elliott, Indiana	77	53	99	62	4	2	R. New Zealand, 11780
66. Kim Stenson, Vermont	76	54	102	61	3	2	R. New Zealand, 9520
67. George Morgenstern, Minnesota	76	40	86	47	3	2	R. New Zealand, N. Z.
68. D. J. Weber, Ohio	75	67	---	---	-	-	-----
69. Martin Kane, New Jersey	75	55	85	57	2	1	R. Australia, 11710
70. Mark Duba, Vermont	75	48	89	59	-	-	-----
71. John Hedstrom, Illinois	74	59	86	65	2	2	R. New Zealand, 11780
72. Mario A. Sala, California	74	34	87	34	5	4	Nouméa, 7170 kHz
73. Robert Moser, Illinois	73	56	--	84	3	3	ZL10/N.Z., 15220 kHz
74. John W. Banta, New York	72	54	83	64	2	2	R. New Zealand, 11780
75. Scott Moeller, Pennsylvania°	72	41	85	47	2	1	V LX9, Perth, 9610 kHz
76. Les Gaynor, Michigan	71	47	97	53	2	1	R. Australia, 11880
77. Robert E. Byers, Ontario	70	62	85	70	4	4	R. New Zealand, 9540
78. Alan Macnaughton, Ontario	70	50	83	55	-	-	-----
79. Greg Barman, Illinois°	70	30	83	35	3	1	R. Australia, 11710
80. Don Anthony, Connecticut	69	33	99	40	3	1	R. Australia, 9580 kHz
81. Kevin Klemen, Wisconsin	69	27	90	30	2	2	R. New Zealand, 11720
82. Edward J. Pyatt, Georgia°	68	63	80	75	-	-	-----

83. Larry Zamora, Texas°	68	54	105	72	1	1	VLX9, Perth, 9610 kHz
84. John A. Figliozzi, New York°	68	14	88	14	2	1	R. Australia, 9580 "
85. Bob E. Estand, Texas°	67	67	80	80	2	2	R. New Zealand, 11780
86. Terry R. Hicks, Florida	67	44	83	57	-	-	-----
87. Mrs. Mildred Marshall, N. Dak.	66	63	97	85	2	2	R. New Zealand, 6080
88. Jim Weber, California	66	45	71	47	5	4	ORTF, Nouméa, 7170
89. Len Hoskins, Wisconsin°	65	64	103	92	2	1	-----
90. Andrew Rugg, P. Q.°	65	61	110	102	1	1	VLX9, Perth, 9610 kHz
91. Mark Mohrmann, New York	65	53	117	78	-	-	-----
92. Rowland Archer, New York	63	54	72	53	2	2	-----
93. Thomas J. Daly, New York	63	31	70	34	1	1	ABC/Melbourne, 11710
94. Ira Wagner, New York	63	23	--	--	-	-	-----
95. David Dunn, Texas	62	53	113	64	-	-	-----
96. Geoff Oates, B. C.°	62	52	78	69	3	3	VLI6, Sydney, 6090 kHz
97. Peter Rudolph, California°	62	45	68	51	4	3	Radio Tahiti, 11825 "
98. Don Adams, North Carolina	60	50	63	53	2	2	R. New Zealand, 6080
99. Bert Adams, Ontario	60	49	--	--	1	1	R. Australia, 15220
100. Peter Taylor, Ontario	60	43	75	45	2	1	R. Australia, 21740
101. Chris Kennedy, Maryland	59	47	60	47	1	1	R. Australia, 9580 kHz
102. Lt. Paul M. Steen, Guam	58	50	81	67	-	-	-----
103. John Walenter, Illinois	56	40	--	--	-	-	-----
104. Thomas E. Jones, Minnesota	55	35	75	42	2	2	R. New Zealand, 15280
105. Angelo Coppola, Italy	50	42	59	50	1	1	R. Australia, 11740
106. Steven Fix, New York	50	31	88	--	-	-	-----
107. Jack L. Callaway, Tennessee	48	25	55	29	-	-	-----
108. Dan Kening, Illinois	46	32	53	33	-	-	-----
109. Bob Peritz, New York°	42	35	47	40	-	-	-----
110. Edward Fudman, Maryland	40	28	43	30	1	-	-----
111. Steven Handler, Illinois	35	24	42	31	-	-	-----
112. John L. Kolb, California	35	21	37	23	-	-	-----
113. Ron Bruns, Missouri	29	17	33	23	-	-	-----
114. Anthony Marks, Oregon	27	23	--	--	-	-	-----
115. Lawrence Scoville, New York°	17	12	18	13	-	-	-----

We hope that those indicated (°) will update their totals by the next SCOREBOARD. Although it is not necessary that your totals increase in order to be listed in SCOREBOARD, we do appreciate knowing at regular intervals what exactly they are, thereby ensuring that the listing is current and up to date. Consequently, if we do not receive your current totals at regular intervals, it is necessary to drop your listing temporarily until an update is received.

AFRICAN WHITE LIST

Such favourable comments have been received on the recent White Lists by member Christopher Lobdell that we have prevailed upon Chris to continue the series. And so, next month, the series will return featuring a White List spotlight on Africa. Watch for it!

APPRECIATION

Your editor would like to express his sincere appreciation to the Suomen DX-Kuuntelijat r.y. of Helsinki, Finland, which produces one of the finest DX Bulletins in the world, DX-Kuunteliija. This publication often contains photoprints of QSLs, and from time to time these have been used in the heading of QSL REPORT. We are most grateful to this club for its fine spirit and cooperation.

REPORT EARLY AND OFTEN - DEADLINE: 15TH OF THE MONTH!

QSLs RECEIVED

This month your editor would draw your attention to a further QSL received from Radio Nordsee International and to the several replies received from Lubumbashi, Rabat, the Enugu Regional and the several QSLs specifying Soviet transmitter sites.

ALBANIA: Tirana, folding cards for 11860 and 7069 kHz, specific text, but date and band only given. Reply by registered seamaile in 7 & 5 months respectively. (Padula)

ALGERIA: RTA, Algiers, Camel riders card in French, 2 months airmail for 11835 kHz. 2 IRCs sent w/NASWA French report form (Driscoll)

AUSTRALIA: Radio Australia, 6100, 30th Anniversary card in 4 months w/sked (Marshall) 9580, magazine and pamphlets, but no QSL. 16 days for 1-IRC (Fudman) 9580/11710/11880, 3 cards in 4 months seamaile. No return postage (Gaynor) 15320, color card of the Darwin Log Periodic; 1 week air from V/S: Tommy Williams (Caldwell)

VIR6, Melbourne, 6150, card seamaile in 6 months. No IRCs (D.J. Weber)

AUSTRIA: ORF, 9770, beautiful card in 56 days airmail w/ORF magazine and rpt form. Rpted using their rpt form w/out IRC (Coppola) 6 wks air for 1-IRC, w/sked and pamphlets (Markman) color lake photo card in 27 days air; 1-IRC (Gaynor) Eastern Austria card in 5 weeks air w/sked and rpt form (Leger)

BELGIUM: Brussels, separate cards for 17865, 15200 and 21460 airmail w/skeds in 14, 10 and 8 weeks. No IRCs (Padula) 15335, map card in 37 days air w/sked and Nx letter (Marshall) card for 17715, used stamps, sked, Mbag text, pennant and IS record in 2 months airmail (Calkin)

BOLIVIA: La Cruz del Sur, 5025, card and letter from Hazen C. Parent in 3 months air (Calkin) multi-colored mountain drawing card from Philip George, QSL Manager, in 17 weeks seamaile for mint stamps w/taped report (Pappas) 5025, colorful card in 5 months airmail for English rpt w/2 IRCs (Heggs)

Radioemisoras Bolivia, 4755, letter, p/p/card and some Bolivian stamps; 6 wks airmail for mint stamps. V/S: Martha Gonzales Montano, Secretaria (Sparks)

BRAZIL: Radio Sociedade Feira de Santana, 4765, card w/full data, beautiful pennant & used Brazilian stamps by air in 27 days. V/S: Fr. Ambrosio Lobo. Registered rpt w/mint stamps sent (Lobdell)

Radio Jornal do Brasil, 4875, nice folder card w/antenna drawing by airmail in 19 days. Card has full data; rpted in English w/mint stamps. V/S: Fernando Veiga, Broadcast Assistant (Lobdell)

BRUNEI: Radio Brunei, sent green/yellow/white map card of Borneo and Sultan's Palace, w/date and frequency in 3 weeks. Returned my 3 IRCs, p/card and report! Also sked (Eby)

BULGARIA: Radio Sofia, card of Bachkovo Monastery w/full info in 2½ months. 3rd in series of 6 (Hicks) 17 weeks air for 2 IRCs (Leger)

CANADA: Radio Canada Int., Bluenose II card in 15 days; no IRC (Shimko) 21595, 25th Anniv/ card in 86 days. Rpted on their rpt form w/out IRC. (Coppola) 2 weeks air, returned IRC (Walenter) 23 days surface (Leger) 1 month for 17855; also card for 17820 (Anderson)

Radio Canada Northern Sce, 15180, Eskimo sculpture card w/full data and sked in 61 days. Returned my IRCs (Jones)

CHNX, Halifax, N.S., 6130, white card/blue ink in 1 month surface for 1-IRC. V/S: Louise Chiasson (Rabone)

CFCX, Montreal, 6005, long red/white card in 2½ months seamaile. No IRCs (Markman)

CFRX, Toronto, Ontario, 6070, card of City Hall in 10 days (Markman) 1 week surface mail; no IRCs (Markman)

CEYLON: VOA, Colombo, 11835, card in 31 days from Washington. No IRCs (Michalenka)

CHINA (PR): Peking sent sked, p/cards and magazines (Morgenstern) 2 lbs 6 oz of printed matter en lengua espanola. 2 weeks, but no QSL (Anderson)

CHILE: R. Presidente Balmaceda, 9590, blue/white card in 2 weeks; 3 IRCs sent (Soneff) card in 24 days for mint stamps (Sparks)

COLOMBIA: Emisora Nueva Granada, 6180, very friendly letter in Spanish, date only from Jardany Suarez Ramirez, V.P. 2 months after Spanish rpt and mint stamps sent (Wagner)

Transmisora Caldas, 5020, letter w/verie statement in Spanish. Reply, with local p/card, by air in 26 days after f/up. Mint stamps sent w/registered rpt (Lobdell)

CONGO (DEM. REP. OF): Lubumbashi sent converted Ham card in 3 months for 11866. V/S: Jean Pierre Nicole, Ignéniieur du Chef. No date but thanks for report and signed in the SWBC station's name. Station stamp appeared on envelope. 3 IRCs and f/up (Glasberg)

Kinshasa, long friendly letter w/confirmation statement and date; V/S: V. Nikuna, Directeur. 1 month for 3 IRCs; nice stamps (Eby)

CZECHOSLOVAKIA: Prague, 9540, blue towers card in 46 days w/info on Monitor Club. No IRCs (Shimko) 11990, Karlovy Vary Spa card w/full data in 36 days. No IRC (Jones) card of castle in 35 days. No IRCs (Weber) card of the Tatras in 28 days for 9540 (Anderson) 2 cards in 1 month air (Leger)

DOMINICAN REPUBLIC: Radio Cristal, card w/full details from César Objio. 13 months (Hurst) 2 $\frac{1}{2}$ months for 5010 kHz (Patterson)

ECUADOR: HCCR1, R. Casa de la Cultura, p/card w/ full data in 6 weeks airmail for Spanish rpt w/2 IRCs. (Taylor) card of 2 photos of Quito in 2 months (Patterson)

HCJB, 11740, Church of Guapulo card, religious lit and sked in 3 $\frac{1}{2}$ months. (Marshall) 11765, Great Circle Map card in 3 $\frac{1}{2}$ months (Marshall) Boys in a banana grove w/pennant in 3 weeks airmail. 3 IRCs (Walenter) 15115, beautiful color card of banana plantation; 1 month by air for 3 IRCs. V/S: Robert Moore (Lobdell) 33 days for 11745; 3 IRCs (Scoville) 1 month air (Leger) 1 $\frac{1}{2}$ months air for 2 IRCs, w/sked (Eby)

EL SALVADOR: YSS, 9555.5, vague card w/pennant in 3 weeks; no info (Perry)

ENGLAND: BBC, sent "QSL" card, a mammoth 6 x 10 card, w/impressed seal on the front in red letters and printing the name of the "QSLee" in old English. Result of BBC/WRC sponsor and verified Britain/15070, Malaysia/11750, Ascension Is, 15400 and Cyprus/11785. 27 days air, w/all data. No IRCs (Jamison) aerogramme and QSL in 1 month from Marjorie Hewetson, Ext. Bcing. Audience Research (Anderson) Thames card airmail in 2 wks w/BBC antenna book (Berg)

VOA, Woofferton, 9715, card without time in 2 wks from V/S: Vivian Despot (Eby)
ETHIOPIA: ETLF, card, 15265, full data w/sked seamail in 10 weeks. No IRCs (Padula)

G.D.R. RBI, 9650, Lenin drawing card/sked and letter stating pennant and inclosures to come under separate cover. 85 days and no IRC (Jones) 5955, 50 days airmail. No IRCs (Markman) 5955/6010, Lenin and Sports cards, full data, seamail in 11 and 10 weeks; no IRCs (Padula) Lenin cd in 99 days air (Leger) 9730, 3 months (Wagner) green castle/antique car card w/sked in 2 months air; IRC sent (Berg)

G.F.R. Köln, 15275, blue map QSL air in 48 days (Marshall)

Radio Liberty, card of globe and mic; full data in 3 weeks air stating xmtr site; No IRCs (Padula)

GHANA: Radio Ghana, 11850, full data card w/sked; 3 weeks (Wagner)

GREECE: NHBI, Athens, 11920, card, letter and sked in 3 months after taped rpt and telegram f/up (Matthews) 11 weeks air w/full data for 9605 kHz. Taped report (Sizer)

GUATEMALA: Radio Chortis, 3380, letter from José Rodriguez in 21 days for mint stamps. Vague confirmation statement (Stenson)

GUYANA: Radio Demerara, yellow card w/red letters in 1 week air for 3265 kHz. 2 IRCs sent (Perry)

HAITI: 4VEH, 11835, folder card and sked; 2 weeks (Wagner) 31 days via air for 3 IRCs. V/S: Mrs. Kent Ragsdale (Gaynor) attractive full data card in 1 $\frac{1}{2}$ months for 15280 kHz. 3 IRCs sent, but they requested stamps (Byers)

HONDURAS: HRVC, 4820, card w/sked in 3 weeks for IRCs. No data (Stenson)

HUNGARY: Radio Budapest, 9833, black/yellow card showing bridge in 42 days. No IRCs (Shimko) 10 weeks seamaile for SW Club form rpt. (Leger)

INTERNATIONAL WATERS: Radio Nordsee International, letter from Miss E. Pfister in 3 weeks airmail containing confirmation statement, date of report and general data on the station's operations. Thank you letter sent. 6205 kHz (Banta)

IRAQ: Baghdad, yellow card for 11785 in 2 months seamaile; full data (Perry)

ISRAEL: Kol Israel sent card w/pic of "Old Jerusalem" and sked for 9625 kHz in 2 months air for 2 IRCs (Markman)

ITALY: RAI, 15410, usual card in 53 days for 2 IRCs (Jones) standard card for 15405 seamaile in 4 months. No IRCs (Padula)

JAPAN: NHK, 21535, 35th Anniversary of R. Japan folder; 16 days air; rpted w/out IRC on NHK aerogramme (Coppola) 9585, 1964 card of Mt. Fuji and info on Expo 70; 56 days for NO IRCs (Jones) 9505, 1½ months air (Marks) card, pennant, RJ News, sked, 5 wks (Baker)

KOREA (REP): KBS, Seoul, 9640, color card of city hall plaza in 40 days airmail. 4 IRCs (Michalenska) card of City Hall, 15430, 3 wks (Hicks) 1 month; 2 IRCs (Morgenstern)

KUWAIT: Radio Kuwait, 15345, nice folder card w/full data by air in 1 month; 2 IRCs (Lobdell) 17750, card, air w/sked (Jamison) tri-fold card in 3 weeks; no IRCs (Hicks) folder in 1 month; 3 IRCs/15345 kHz (Morgenstern) 25 days for 3 IRCs (D.J. Weber)

LATVIAN SSR: Having failed on previous reports to Moscow, I succeeded w/direct rpt to Riga on 7140 kHz. QSL text is in Swedish and contains veri statement and date only. 11 weeks air w/letter. Rpted in English; no IRCs (Sizer)

LEBANON: Beirut sent card, travel folder and sked via registered seamaile in 6 months. (Morgenstern) 11790, nice card, w/full data in 4 months registered (Stenson) 4 ½ mos for 3 IRCs (Leger)

LIBERIA: VOA, Monrovia, regular VOA card from Washington in 9 days. No IRCs (Weber) 9530/15445, cards in 9 days. No IRCs (D. J. Weber)

ELWA, 4770, card w/full data in 4 weeks for mint stamps (Stenson) 11950, color card of drum player; full verie data and info on programmes/aims of station on reverse. 4 months seamaile (Caldwell)

LITHUANIAN SSR: "Radio Vilnius programme", sends nice card w/flower drawing and radio waves on front; full data on reverse. W/sked in 9 weeks for 1-IRC (Berg)

LUXEMBOURG: Radio Luxembourg, 6090, tri-tower and shield card in 6 weeks. Took a couple of reports (Hurst) 134 days w/full data. 2 IRCs (Scoville)

MALAYSIA: BBC/FES, 9725, Thames card w/site typed in; 1 month (Patterson)

MAURITANIA: Nouakchott, colorful black/white/green/yellow card seamaile in 4 months seamaile w/full verie text. 3 IRCs sent w/taped report (Shaw) map card in 5 months for French report on 4850 kHz (Eby)

MONACO: TWR, 7260, card in 25 days air w/full data. 1-IRC sent (Coppola) 11905, card w/station photo; air in 3 wks w/religious material. Full QSL data (Padula)

MOROCCO: RTV Marocaine, Rabat, 6170/9615, two folders for two separate reports. One seamaile in 50 days; other by air in 27 days. Rpted w/NASWA French report form and 5 IRCs. No V/S. (Lobdell) folder card w/no specific info (Morgenstern)

NEPAL: Radio Nepal airmailed card from K. B. Khatry, C.E. in 145 days total. 11970 kHz. 4 IRCs sent and QSL rcvd 3 weeks after f/up sent (Anderson)

NETHERLANDS: Radio Nederland, Hilversum, card of DX Juke Box in 2 weeks for 15425 kHz. No IRCs (Markman) 11730, 9 days airmail. RNL training centre card (Handler)

NETHERLANDS ANTILLES: Radio Nederland, 11730, card and sked in 14 days for 1-IRC. (Fudman)

NEW BRITAIN Radio Rabaul, folder in 1 month air (Perry) 2nd folder 3 mos after first/ (Heggs)

NEW CALEDONIA: Nouméa, 7170, antenna card w/date and time only. 29 days for 3 IRCs. Rpted in English (Weber) 19 days air for 7170; 1-IRC (Jamison) 39 days (Patterson)
NEW ZEALAND: RNZ, 15280, usual car in 100 and 105 days for separate rpts. 2 IRCs (Jones) 92 days (Marshall) 2 wks (Driscoll) blue/gray card lacking date in 2½ months (Wagner) 5 months; IRCs sent (Stenson)

NICARAGUA: Radio Nacional, 11875, letter w/date only. V/S: Tacho Sanchez Diaz. Rpted in Spanish w/SASE (Gaynor) friendly letter w/date and confirmation statement. 2 weeks mint stamps sent (Eby)

NIGERIA: Enugu regional, 6035, card w/all details via airmail, w/sked. 5 weeks, from CE (Padula)

NORWAY: Oslo airmailed attractive card of Briksdalsbre glacier in 2 months for 15175. Also booklet and rpting forms (Anderson) skip jump card in 9 days air (Leger) 11910, scenic photo card, w/full details, sked and inclosures, small flag. 21 days for 2 IRCs (Jones)

PAKISTAN: Radio Pakistan in Rawalpindi sent card and letter for 9485 kHz in 17 weeks. V/S: Nihal Ahmad, Director Listener Research (Sparks) Which site Bill? (Ed.)

Karachi, 11672, card w/full data in 5 months after f/up. Mint stamps sent.

(Stenson)

PAPUA: VLT9, 9520, map card in 2½ months air (Marshall)

PHILIPPINES: FEBC, 11920, lightning card in 26 days for 1-IRC (Gaynor)

PBS, 6170, letter from L. B. Quintos, Broadcasting Operations Manager in ½ yr total after aerogramme f/up. 2 IRCs sent; Freq. only mentioned (Anderson)

POLAND: Warsaw, card for special test freq. 15355, air in 3 wks w/sked from K. Gocman; they also sent set of colored p/cards (Padula)

PORTUGAL: Lisbon, map card for 6025 in 30 days air; 2 IRCs (Thedford) beautiful pennant w/gold/blue/red colors (Hicks) 20 days for IRCs (Bodker) 17895, ship card w/all data in 3 weeks. (Padula) non-QSL card for monitors log in 2 wks air (Caldwell) exploration card in 12 days air. 2 IRCs (Taylor)

RFE, card in 1 week for rpt to NYC office w/6 cent stamp. Gives only meter band and date (Perry) card in 8 days for 15145. No IRCs (Driscoll)

Deutsche Welle/Sines, separate cards airmail in 3 weeks for 9650, 7150, and 5995; no IRCs (Padula)

ROMANIA: Bucharest, 11810, QSL-photo of Black Sea Shore, air in 5 months plus Listeners Club info and sked. (Marshall) 11940, 100 days w/full data. No IRC (Scoville)

RUSSIAN SFSR: Moscow, 9680, blue card in 9 weeks seamail. (Kroll) 11860, 2 months airmail w/full data, but saying they no longer give transmitter sites (Handler) 15100 and 15260, cards in 2 weeks air. V/S: Mrs. O. Sergeeva (Padula) 9700, blue/white card w/a sked in 1 month air. Full data (Taylor)

Moscow sent cards specifying Tula, Moscow, Voronezh, Orenburg and Gorkhi.

(Dexter) Whats your secret OM? (Ed.)

RUSSIAN SFSR (Asiatic):

Moscow sent cards specifying Krasnoyarsk, Petropavlovsk-Kamchatsky and Blagoveschensk (Dexter)

Card from Mrs. Stepanova for 15180, without site stated (Anderson)

Radio Peace and Progress, 11700, card and sked, P/P leaflet; 67 days (Marshall) yellow card in 23 days air (Gaynor) 2½ months, no IRCs (Berg)

RWANDA: Deutsche Welle, 17800, Kigali card in 1 month (Stenson)

RYUKYU IS: VOA, Okinawa, 7165 kHz, usual VOA card in 10 days (Patterson) map card w/correct data in 1½ weeks (Eby)

VUNC, UN Command blue and white card of antenna; 3 months for English rpt on 14460 kHz. Returned my 3 IRCs, saying unredeemable in Okinawa (Sizer)

SAUDI ARABIA: Riyadh, 11855, card in 6 months total after f/up. Air for 3 IRCs (Leger) sword/palm tree card in 172 days air for 4 IRCs/ V/S: Werner Storg (Gaynor) plain white

card from Werner Storg in 8 months for 3 IRCs (Walenter) card with swords for 9670, full details by air in 3 months after f/up; 6 months overall. One-IRC with original rpt. (Padula) 6 months by air from the GFR; 3 IRCs sent (D.J. Weber)

SEYCHELLES: FEBA, letter from Mrs. Brenda Bacon, QSL Secretary stating that FEBA's policy is to send out only one QSL card for each frequency of their tests. (Bohac) 15265, card and letter in 23 days airmail; 3 IRCs (Sparks)

SIERRA LEONE: Radio Sierra Leone, Freetown, 3317, sent card w/color photo of the "State House" in 15 weeks airmail for 5 IRCs. The QSL, which is signed by the Director-General has only the date and a QSL statement. Rpted by registered tape (Pappas)

SOLOMON ISLANDS: SIBS, sent card for VQ07-7115 kHz signed by Barry J. Whitehall; 3 months seamail, 2½ months in transit. Full data and attractive card featuring map of the islands (Calkin) Whitehall has now returned to the BBC from whence he was on loan (Sizer)

SOUTH AFRICA: Radio RSA, new DX-69 QSL in 7 months for 15310 kHz; IRC sent (Shepherd) 14 days with map card (Morgenstern) 15 days air (Leger) 15250, card in 14 days via 2nd class airmail (D.J. Weber) 9630/11875/15310, 201 days (Gaynor, Heggs)

SPAIN: Radio Liberty, card in 1 week! with full details and site indicated. No IRCs sent (Padula)

RNE/Madrid, card of studios in 10 days air for 6140 kHz. No IRCs. (Markman)

SWEDEN: Sveriges Radio, Stockholm, Northern Lights card in 15 days air. No IRCs (Shimko) 11705/11825, cards in 36 and 48 days resp, w/skeds. 2 IRCs (Jones) 11825, card and sked in 16 days for 1-IRC (Fudman) 3½ weeks air (Leger) card in 1 week; no IRCs (Scoville)

SWITZERLAND: ICRC, Geneva, 7210, card airmail in 10 days. No IRCs. Full data (DJ Weber)

SBC, Berne, 11715, "Sound Of The Seventies" card in 38 days; no IRCs (Shimko) 9535, cable car card w/full data and sked in 75 days. No IRCs (Jones) B/W photo card of ski resort, air in 3 weeks returning 3 IRCs (Walenter) Basel on Rhine card in 1 month air for f/up w/IRC. V/S: Judy Chisholm who says first rpt not received (Leger)

TAHITI: Papeeté, b/w mermaid pic card, plus separate sked in 2 wks air for IRC (Berg) 11825, 14 days for 2 IRCs (McElwain) 26 days for 1-IRC (Jamison) 1 month for 2 IRCs and NASWA French report (Driscoll)

TAIWAN: VOFC/Taipei, map card in 1 month for 17720, w/flag, pennant and booklets. 2 IRCs sent (Driscoll)

TANZANIA: Radio Tanzania, 5985, second English report w/3 IRCs brought brown/yellow studio card in 2 months airmail from the CE (Sizer)

TOGO: Lomé, 5047, map card w/sked on reverse; rpted using NASWA French form. 1 month after f/up (Stenson)

TUNISIA: Tunis sent beautiful card in 2 weeks for 11900 kHz. Full data and friendly message on QSL. 2 IRCs sent (Perry)

TURKEY: Ankara, 15160, small black/white card from Elizabeth Selanik in 14 weeks seamail for 3 IRCs. Full data. Result of 5 separate reports over a 3 yr period (Pappas) 100 days (Kratte) 3 months for 2 IRCs (Davidson) 3 months airmail (Handler) 11 weeks (Taylor) 68 days (Lechleiter) 66 days (McElwain) 6 weeks (Caldwell) 2 months (Wagner) 63 days for 1-IRC (Coppola)

TURKMEN SSR: Ashkhabad, 15185, card via Mrs. Stepanova with all details, including the site! 5 weeks (Sparks)

UKRAINIAN SSR: "Kiev program", 11700, red/blue card, sked and rpt forms. 76 days (Marshall) 9760/11730, 84 days air (Gaynor) Ukraine map card with name overprinted, 6 wks. (Berg)

Vinnitsa, card from Radio Moscow specifying site (Dexter)

Kharkov, card from Radio Moscow specifying site (Dexter)

Lvov, 11900, card from Mrs. Stepanova specifying site in 54 days airmail. Says Tbilisi uses freq. in winter months (Koukol) 45 days states Lvov site; no IRCs (Anderson)

U.A.R. Cairo, 9475, verie letter saying they are cut of QSL cards in 6 months. Also card(!) for later reception in 2 months (Handler) card in French, 2 months air after 3rd try. 2 IRCs included (Eby)

U.S.A. WINB, black/white card w/full data plus station location and antenna details. 3 weeks for return postage (Berg)

United Nations Radio, blue/white UN symbol card in 1 week. Full data; return postage sent (Berg)

AFRTS, card in 2 weeks w/compass and the military department seals on the front; full data on the reverse. (Berg)

VOA, Greenville, 5995, card in 1 week (Sparks)

KGEI, multi-colored card w/FEBC symbol and pennant. 2 months (Handler)

VATICAN CITY: Vatican Radio, card of xmtr site for 11725 in 2½ weeks air. No IRCs (Markman) 13 weeks seamail w/full data (Padula) card of VR bldg in 2 weeks for 11725 and 17800 kHz, plus personal note from Lydia Grey Jones, Secretary to the Director of the English Language Section (Anderson)

VENEZUELA: Radio Barcelona, 3385, letter and sticker, registered airmail in 5 weeks (Dexter)

Radio Barquisimeto, 9510, card w/date and freq. only in 17 days. Card mistakenly lists 4990. Rpted in Spanish w/2 IRCs (Scoville)

Radio Juventud, 4900, cartoon card of teens dancing, 15 days air. 2 IRCs (Gaynor)

Radio Maracaibo, 4860, p/p/card received in 15 days from V/S: Gumersindo Gonzalez, Director (Sparks)

Radio Rumbos, 9660, English card w/full details; air in 4 weeks for 1-IRC. Reported in Spanish (Padula)

Radio Valles del Tuy, 6129, card in 9 wks after 2nd f/up (Dexter)

VIETNAM (REP): VTVN, Saigon, 11950, QSL card received on visit to station, w/sked and tour (hi). Full data (Jamison)

YUGOSLAVIA: Belgrade, 9620, photo of Church, air in 1 month for 1-IRC (Rabone)

Sincere thanks to the following members, without whose active support, this column would not have been possible:

Richard Anderson, Illinois
Tommy Baker, North Carolina
John Banta, New York
Jerry Berg, Colorado
Kim Bodker, Michigan
Steve Bohac, New Jersey
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Dr. Wm. Caldwell, California
Gregg A. Calkin, Ontario
Angelo Coppola, Italy
Bob Davidson, Ohio
Gerry L. Dexter, Wisconsin
Dennis P. Driscoll, N. C.
Thomas A. Eby, Illinois
Edward Fudman, Maryland
Les Gaynor, Michigan
Irwin Glasberg, Québec
Steven Handler, Illinois

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Terry Hicks, Florida
James S. Hurst, Maryland
Danny Jamison, Virginia
Thomas E. Jones, Minnesota
Julian J. Kratter, New York
Allan Kroll, Michigan
Douglas Lechleiter, Kentucky
John M. Leger, Kentucky
Christopher Lobdell, Mass.
Lawrence Markman, New York
Anthony Marks, Oregon
Mrs. Mildred Marshall, N.Dak.
William A. Matthews, Ohio
Edward McElwain, Colorado
Henry Michalenka, R. I.
George Morgenstern, Minn.
Bob Padula, Australia

Andrew Pappas, Illinois
Ralph Perry, Illinois
Carroll Patterson, Ga.
George Rabone, New York
Edward Shaw, Virginia
Lawrence Scoville, N. Y.
Robert Shepherd, Australia
Bob Shimko, Pennsylvania
Alvin Sizer, Connecticut
John T. Soneff, Louisiana
Kim Stenson, Vermont
Peter Taylor, Ontario
Barry Theford, Tennessee
Ira Wayner, New York
John Walenter, Illinois
D. J. Weber, Ohio
Jim Weber, California

As the new DX season approaches, why not plan now to report regularly to your favorite sections of FRENDX. Your support is needed now! Report often.

THE QSL GALLERY

presents

BY AIR MAIL	
Prot. 26/DFD POST CARD	1970 CENTRAL POST OFFICE SOMALI DEMOCRATIC REPUBLIC
Somali Broadcasting Service «Q. S. L.»	SOMALI DEMOCRATIC RE Ministry of Inform. and Nations
This confirms your receipt of the Broadcast from SBS Radio Mogadiscio on 2/6/70 kes at 6095.8 GMT on 1731-1743 Gmt with gratitude.	TO S. G. S. Mr. T.E. Sloan, Newtownbutler Road, CLONES, Co. Monaghan, IRELAND (Europe)
<i>f</i> Chief Engineer SBS Radio Mogadiscio	BY AIR MAIL

This month our featured QSL comes from member Edwin Sloan of Ireland. The QSL, from Radio Mogadiscio in the Somali Democratic Republic is exceptionally rare in North America despite several reports on their occasionally heard 49 mb outlet. Edwin reports that this QSL came as a reply to his third report in English which was addressed to the English language section and contained return postage.

As our regular readers will have noticed, we have departed from the recent practice of including two QSLs, one from the past and one still current, in this month's report. Although this new format was begun in January, there have been few favourable comments and one or two members have stated a preference for the earlier, full-size, single QSL (as featured this month). Your editor would appreciate members guidance in how they would like this section to continue. Also, if you have a QSL which you think might be interesting to include in the QSL GALLERY, why not send it or a clear photocopy along to your editor for consideration. It will be returned promptly.

FOREIGN LANGUAGE RECEPTION REPORT FORMS

A further word that your editor has supplies of the NASWA Foreign Language Report Forms in French, Spanish, Portuguese and Indonesian available for 9 x 4 self-addressed envelope plus 10 cents in coin or 1-IRC per form. As the individual forms are used only as guides in the preparation of the report, and as they are not sent to the station, only one of each is needed. Please remember that US postage stamps are not valid in Canada. Thanks.

And so, until next month when QSL REPORT returns with an Africa White List, 73s
GREGG.



LOG REPORT

DAN FERGUSON - EDITOR
POST OFFICE BOX 8443
CORAL GABLES, FLA. 33124

Phone 305-284-5714

Deadline 15th of month

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When reporting to this section you are asked to include a brief description of the program you hear. This description need not include all the items you would include in a report to a station; e.g, mention that you heard news, rather than mention the items in the newscast. Or mention that you heard commercials, rather than the products advertised. Reports which do not contain time of reception and a description of the program heard cannot be used. Reports of rare stations should include more than a notation of the language used; if one can get enough of the program to determine the language used, he can also get enough to describe in a report to this section. Reports on the major broadcasters need not contain so much, particularly when the report is submitted to note a frequency or schedule change.....You are asked to keep your reports up to date; do not submit a report covering several months' loggings. When reporting, please list items with frequency first, arranged by frequency in either direction. On typed reports please leave one full blank line between each individual item (not just a half line, please). Reports must reach here by the 15th of the month, since typing begins on the 15th.

- 2420 BRAZIL R.Caraja de Anapolis at 0020 w/pop mx, ads; poor(Sizer)
 2700 PHILIPPINES DYRL, Bacolod City, 2x1350, at 1408 w/local ad in Eng, into Filipino. Hrd next night on MW at 1600 s/off. Is on Negros Island(Hauser)
 3165 MALAYSIA R.M. Malay Svc, not harmonic, maybe spur; 2210-2222 w/ME mx(Hauser)
 3205T INDONESIA Likely Bandung here 1145 w/chanting; peaks 1200; QRN bad(Murphy)
 3227m LIBERIA ELWA at 0630 w/vernacular religious pgm 8 Aug; heavy QRN(Berghammer)
 3240 PERU R.America w/Sp cmtry 0310; fair lvl(Sizer)
 3265 BRAZIL R.Riberão Preto at 0130 w/Port ID, nx cmtry over QRM (Berghammer)
 3265 GUYANA R.Demerara, 0930-1000 Indian mx(Perry)
 3275 BRAZIL Bauru Radio Clube quite good around 0300 with lots of music(Sloan)
 3275T INDONESIA Probably Djakarta at 1146-1200 carrying the Djakarta pgm(Murphy)
 3284 FIJI R.Fiji w/Eng quiz pgm 0630; very poor(Heggs)Man in lang 0747 w/mx(?)Gongs; good ID 0800(Williams)2 days at 1030A s/off w/GSTQ; better than 3230(Perry)
 3284 PHILIPPINES DUB4, Manila w/tlk abt My Lai in Filipino 2145; ID as PBS(Hauser)
 3285a INDONESIA RRI stn 1037-1102 w/Indon songs. Indon ID for RRI, but no town; then Eng ID, fqys, but I missed the town. Madiun is listed(Kamp)
 3285 S.AFRICA SABC 0448-0500 Sat w/wakeup exercises, Eng TC, ID, nx 0500(Williams)
 3294m VENEZ R.Trujillo 0130 Sp ID, singing ads, cha-chas(Berghammer)
 3300 BURUNDI Bujumbura from 0420 tune, under Belize; positive ID 0430 during lull in Belize tx; then what seemed to be a discussion. (Shaw)
 3305 PAPUA Daru from 0950 past 1034, ID 1015(Perry)0905 CW mx, ID 0915, drumming, nx (Williams)1216 CW mx; nat. ancr; no copy, nearly buried by UTE-3300; fade before 1230. (Hirst)
 3310 ECUADOR Ondas Quevedeñas at 0435 w/Sp pops, Sp ancr; RTTY(Cabral)
 3315 ECUADOR R.Pastaza at 1120 w/Sp, LA mx(Fisher)
 3320 UNID Organ mx 0419, man in lang, possibly Afrikaans, but SABC supposed to s/on 0430. Have they changed sked? 21 July(Ferguson)
 3322.5 BOUGAINVILLE RB w/Pidgin request pgm 1153, rel tlk & closing 1155, Eng anmts 1200, GSTQ & off(Hirst)1018-1046 Pidgin, local mx: & nx(Patterson)1130 pops and Pidgin(Koukol)mx: 1155, ID & off 1204; tremendous sig(Fortson)
 3335 BRAZIL V. do Sertao(QTH Pres.Prudente); 0115 Port ID, sports cmtry(Berghammer)

- 3335 N.GUINEA R.Wewak 0945 CW mx(Perry)1022-1107 Pidgin & Eng; US CW mx, local mx (Patterson)1216 local mx(Fortson)1103 singing in Pidgin; poor due QRN(Murphy)
- 3339 ZANZIBAR R.Tanzania Zanzibar at 0332 w/male chanter; gone by 0339(Perry)
- 3345 BRAZIL R.Alvorada de Londrina w/Port mx: 0005, good(Sizer)0100 ID, European light music(Berghammer)
- 3346 ZAMBIA 0425-0439 Afr mx; fading; covered by UTE 0440(Perry)
- 3350 GHANA Accra w/mx: 2253, devotional 2258, //3366(Hauser)
- 3355 N.CALEDONIA Noumea 0700 w/Parisian mx //7170(Heggs)0745 Fr mx, 0800 ID & tlk by man in Fr; severe UTE QRM from 0800(Williams) (Murphy)
- 3360 GUATEMALA Likely LV de Nahualá noted s/on 1100; missed ID due QRN, past 1.135 /
- 3370 MOZAMBIQUE RCM Com'l Svc 21.59 ending Baptist pgm 17/7; ID, mx, mx, list 3373 /
- 3375m ANGOLA Em.Oficial at 2330 w/Port ID, Port fados(Berghammer) (Hauser)/
- 3380 MALAWI MBC w/greatly improved sig here, apparently via new hi-pwr tx. Eng ID 2205 Sat after pop mx: show.(Padula)
- 3385 FR GUIANA ORTF w/male ancr, Fr tunes 0130 Sunday(Lemna)Good *0915-0945(Perry)
- 3385 N.GUINEA R.Rabaul 1027-1033 rel pgm on a Sunday(Perry)1257 s/off anmt; best ever (Fisher)0957 mx; poor, QRN; better at 1100(Murphy)
- 3390 AFGHANISTAN Kabul at good lvl w/national mx 1642, ID by man; Pushto Svc(Padula)
- 3391 ECUADOR R.Zaracay at 1125 w/Sp, LA mx(Fisher)Sp ads 1.118(Fortson)
- 3415 INDONESIA RRI, Vibraphone IS, s/on by YL; static covered QTH; 2253(Hauser)
- 3600 UNID "R.Rebelde(?) Cadena Nacional" from 0245 tune w/Sp songs. few anmts or IDs; past 0400; also from 1110 tune w/Sp tlk by man. Strong sig. Cuba???(Ferguson)
- 3905 INDIA AIR GOS to SEA s/on 2245 Eng; ham QRM; new for summer, sked //7235, 9530 /
- 3970 CAMEROON R.Buea 0521. Afr mx; weak & much ARO QRM (Fortson) (Berghammer) /
- 3925 JAPAN JOZ excellent 1044-1116 w/Jap tlk by M&W; oriental mx; ID 1100, more tlk; past 1.116(Kamp)
- 3945 JAPAN JOZ4, Sapporo good 1046-1100 w/M&W in Jap; ID 1059, continued(Kamp)
- 3965 S.AFRICA SABC Eng Svc 0510-0524 w/mx: headlines, mx, lite mx, Eng tlk(Kamp)
- 3986 NIGERIA NBC, Lagos at 0515 w/lively Afr mx: & ads; excellent lvl(Fortson)
- 3990 LIBERIA VOA-Mva, Eng talk 2310, 50 kw; 18 July(Hauser)
- 3995 ECUADOR LV del Rio Tarqui 0908 w/mx & ham QRM(Murphy)1130 Sp, LA mx(Fisher) 0615 Sp, Ecuadorian mx(Cabral)
- 3997 S.AFRICA Springbok Radio, pop mx: 2130, 17 July(Hauser)
- 4250 LAOS "Kho Sam" mentioned, so maybe the Savannakhet outlet hrd other times 6750V. 2319 YL tlking Lao abt USAF & Laotian cities(Hauser)
- 4320 N.VIETNAM Tay Bac Regional Stn, ID 2329, 18 July(Hauser)
- 4500 LAOS This stn is in Long Cheng, operated by 2nd army, known in Eng as "United Lao Races"(bdcsts in 6 langs)Noted 0450 w/"prelude" of old standards, hill music & s/on dialect 0458. One day up on 4545 kHz at 2317, but since back to 4500(Hauser)
- 4749v ECUADOR R. El Mundo w/Sp ID, ads; up from 4741v(Berghammer)
- 4753 INDONESIA Makasar ID 1259; man in Indonesian(?); mx; strong sig(Cabral)
- 4755 BRAZIL Rdif do Maranhão still best 60m LA stn; 2230 w/gospel pgm in Port; gave local São Luiz address. (Hauser)
- 4760 PERU R.Tingo Maria; pop mx & ID, 0505 s/off, 26 July(Sparks)
- 4761v VENEZ R.Frontera 0040 Sp ID, LA dance mx; Peru down 1; unstable 24 July(Berghammer)
- 4765 MOZAMBIQUE RCM, nominally 4762, at 2040 w/Garner Ted Armstrong the good news of the World Tomorrow, on a Tuesday(Hauser)
- 4755 UNID 1210 w/woman in lang; mx: 1225(Fortson)
- 4775 AFGHANISTAN R.A.; 1403-1414 Eng mx: by man, tlk, native mx. Afghanistan mentioned, but no definite ID noted; ute QRM hi side(Williams)
- 4777 GABON Libreville in Fr w/ID 2300, anthem & off 2303(Lobdell)Fr 0508; Fr & Afr mx 0508-0545; fair(Patterson)
- 4780 VENEZ LV de Carabobo just after s/on at 1.101(or 1.001.-can't tell-DF) w/mx, gongs, ID, talk. Fades fast(Dexter)
- 4784m BRAZIL R.Ribamar 0005 Port ID, pop Brazilian vocals; QRM both sides(Berghammer) From 0126 on 4784 3/4(!) w/instrumental mx 0130-0153; definite ID, more mx; off or under QRM 0200A. LSB covered; USB fairly clear(Ferguson)

- 4790 ECUADOR R. Atalaya at 0245 w/LA mx, singing IDs, noticias(Tuchscherer)
- 4790 PERU R. Nazca 0443-0515 w/Sp, Peruvian Andean mx, ID: "R. Nazca"; poor - much het(Patterson)
- 4794m BRAZIL R. Congonhas 2315 Port ID, rapid nx cmtry on "Tupamaras"(Berghammer)
- 4795 DOM.REP. Onda Musical 0200-0252, mentioned D.R. & R.Dif. in Sp ID(Soneff) Surely something else was heard in 52 minutes listening?(DF) 0417-0437 s/off w/mx pgm (Patterson) 0335-0432 s/off w/light music; very good sig(Tuchscherer)
- 4805 BRAZIL R. Por Um Mundo Melhor now on this fqy. Noted 2328 w/mx, het from other Brazilian co-channel(Sloan) Would be ex 2390, listed WRTH. You did not so state, but I assume you heard a definite ID. Correct?(DF)
- 4814m PERU R. Amazonas with abrupt s/off 0432 after ID(Berghammer)
- 4814m UPPER VOLTA RHV 2230 Fr pgm w/US pops(Berghammer) 0558 IS, IS, anthem(Koukol)
- 4815 ECUADOR Canal Manabita on its listed fqy 1.1 Aug w/pops & ID, s/off 0508(Sparks) EC mx, ID. 1042-1056; fair(Patterson)
- 4820 HONDURAS HRVC has Eng 0300-0500 now(Barman) Eng 0300-0400(Byers) See August LR, the time quoted there was correct.(DF)
- 4823 BOLIVIA R. Grigota(also ID as Rdif Grigota), 0230-0350 variety pgm before live audience; songs, interviews, etc., 26 July(Sparks)
- 4825 DOM REP LV. de la Fuerzas is now hrd frequently to 0500 s/off w/"programa musica popular" & IDs(Sparks) Full ID 0421(Lobdell) 0502*(Sloan) 0500* after anthem(Williams)
- 4825 USSR IS 1300, into Chinese(Glavich)
- 4826m ECUADOR R. Luz y Vida, ex 4712, 0230 full ID, continue live bdcst of Ec-Venez futbol game; may be only an alternate fqy, listed 1. kw WRTH SS(Berghammer)
- 4830 VENEZ R. Tachira w/Eng & Sp pops 0126 tune(Lemna) 0210-0230 Sp mx, IDs(Soneff) Fair 0235 w/ID, then LA mx(Koukol)
- 4834 MALI Bamako at 0600 s/on in Fr w/mx & anmts; cmtry 0614(Perry)
- 4840 VENEZ R. Valera from 1011 w/male ancr & LA pgmg(Lemna)
- 4845T BOLIVIA R. Fides believed the Sp stn under Brazil & Col. at 0030 w/tlk pgm; 4546 vacant this day; too early for CA anyway. R. Fides reported in Eur.(Berghammer)
- 4845 BOTSWANA Gaberones at 0502 w/Eng mx, then mx(Tuchscherer)
- 4845 COLOMBIA R. Bucaramanga at 1019 w/many IDs, horns, LA tunes(Lemna)
- 4854m BOLIVIA R. Centenario 0032 positive Sp ID; kept repeating "Santa Cruz"; comment followed; severe QRM from Brazil, up 1. kHz, 9 Aug(Berghammer)
- 4855 BRAZIL R. Taubate w/pop mx, fair lvl 2315(Sizer)
- 4865 AZORES Ponta Delgada at 2240 w/Port ID for Em. Nac., then light music(Berghammer)
- 4865 BRAZIL R. Clube do Par  weak at 0148 w/Port tunes, ID 0200(Lemna)
- 4871 DAHOMEY Cotonou at 0515 s/on, ID by woman, into mx; good(Dexter) Fr tlks & ID 0532; fair(Lobdell) 2230 Fr ID, drum mx; past sked 26 July(Berghammer) (Patterson)
- 4872 INDONESIA RRI 1028-1105 w/smooth mx; no ID hrd, but many mentions of Sorong
- 4900 INDONESIA R. Gorontalo w/pop mx, some US songs; Indon anmts 1429; no local ID noted. Previously hrd w/Gorontalo mentioned. 21 July(Williams)
- 4900 VENEZ R. Juventud 0944 w/Sp, mx(Fisher)
- 4909 GUINEA Conakry, ex 4900, at 0700 w/ID in Fr, W.Afr. "hi-life" mx; fqy may vary or this may be only a test(Berghammer) Seems to me they have been here before(DF)
- 4915 GHANA Tema tuned at 2300 s/off w/anthem(Shaw) 0600 Eng mx & ID 0610(Heggs)
- 4915 COLOMBIA R. Guatapuri w/LA mx, Sp ID 0416(Jeeves) Fair 0252 w/ID, TC, mx(Koukol)
- 4920 INDIA AIR, WUM, Madras at 1305 w/special Apollo XI pgm to 1335, into native mx; mixing, but generally dominating Brisbane here in Thailand(Hauser) (Soneff)
- 4923 ECUADOR R. Quito at 0110-0130 w/LA mx, IDs(Tuchscherer) 0120-0215 w/US & Sp songs
- 4925 BRAZIL R. Industrial 2345 Port ads, current Brazilian pops(Berghammer)
- 4926 RIO MUNI Bata weakly several times signing off w/stirring anthem 2215(Sizer)
- 4927v DOM.REP. R. Mil at 0127 w/pop mx pgm(Lemna) Must have corrected, as noted w/steady sig on 4930(DF) Sp mx: 0158(Davidson) 1009-1030 w/LA mx, IDs, TCs(Kamp)
- 4930 ECUADOR R. Casa de la Cultura at 0035 w/ads & Eng pops(Lemna) Format change?(DF)
- 4932 NIGERIA NBC, Benin, Eng nx: 0600, poor(Ferguson) Usually hrd to s/off 2303(Shaw)
- 4934m BRAZIL R. Poti 2300 ID, mx, discussion(Berghammer)

- 4940 VENEZUELA R.Yaracay with Sp mx, ID 0201; fair(Soneff)
- 4950 SARAWAK R.Malaysia Sarawak w/Eng talks by YL 1120-12(Rowan)Presume you mean 1200 by that. Please state times in GMT with 4 digits, fqys in kHz(DF)
- 4960 VENEZ R. Sucre at 0040 w/Sp ID, mx(Koukol)
- 4965 COLOMBIA R.Santa Fe 0038 ads & mx(Koukol)Mx & IDs 0145; poor(Soneff)
- 4970 VENEZ R.Rumbos w/Sp mx: 0404-0435; good(Soneff)
- 4972 CAMEROON R.Yaounde at 2300 s/off w/full ID in Fr(Berghammer)
- 4975 PERU R.Del Pacifico 0230 rel mx & Sp ID(Sparks)0340-0410 concert mx; lost or off at 0410(Tuchscherer) (Shaw)
- 4980 GHANA Accra w/W.Afr. mx 2250(Hauser)2245 YL w/Eng mx; off 2300; usually loud./
- 4980 BOLIVIA R.Estado(listed WRTH as Em. del Estado); ID as "Esta R.Estado" 0400 s/off; low modulation lvl on voice; classical mx(Sparks)
- 4994 CAMBODIA Phnom Penh H.S. consistently on 4907; but a mixing spur w/IS is here; noted 0705. May explain reception by some in 5000 kHz area(Hauser)
- 4995 BRAZIL R.Brasil Central w/full ID 0035 during sports event; fair(Koukol)
- 4995 PERU R.Andina at 1053 w/Sp, LA mx(Fisher)
- 5010 DOM.REP. R.Cristal w/Sp ID, mx 0340(Soneff)
- 5015 GRENADA WIES w/Eng cmtry on Caribbean at 2350; strong(Sizer)
- 5026.5 BRAZIL V.do Rio Sao Francisco 0010 Port ID, cmtry,NOTE: Sunday evenings (EST) appear to be best time to dodge UTE QRM for LAs(Berghammer)
- 5030 VENEZ R.Continente at 0330 w/ID & list net stations(Lobdell)
- 5035 CENTRAL AFRICAN REP Bangui on Sat & Sun has late s/off, 2303 in Fr w/anthem; then folk song.(Sizer)
- 5044 BRAZIL 0015 relig pgms. Believe rel pgms from Quitandinha; but various top DXers have also reported R.Copacabana & R.Rio de Janiero pgms. R.Imperial ID has also been reported.(Berghammer)Yes, you reported the R.Imperial ID in Jan 69 LR. I think the identity has already been established as R.Quitandinha in previous issues.(DF)
- 5045 PORT.GUINEA Bissau has extended s/off time to 0100(at least on Sundays) after pgm of current British & US pops. S/off w/"AP" 27 July. Also 0700(Berghammer)
- 5045 BOLIVIA R.Em.Altiplano from 0550 mostly w/mx & woman ancr; IDs infrequent; good lvl(Dearter)0545-0602 t/o w/mx, ads, ID(Williams)
- 5047 TOGO Lome at 0540 w/Fr tlk, mx(Sala)0627 US pops, drum beats, Fr mx(Fortson)
- 5052 SINGAPORE R.Singapore w/ID 1215, then mx, ID 1230; strong(Glavich) (Fortson)
- 5059 ALBANIA Tirana w/Rumanian mx 1905; hets S.Yemen-5060(Padula)0410 M&W, local mx
- 5060 VENEZ R.Cultura w/TC & ID 1010; 1st time hrd here(Padula)Sp mx: 0321(Soneff)
- 5095 COLOMBIA R.Sutatenza at 0950 w/Sp tlk(Fisher)
- 5660 CHINA? Maybe UTE, hard to tell. 1520 anmt by lady in Chinese; seemingly repeating ID several times, martial mx, repeating in 4 minute cycle, off 1527(Hauser)
- 5804 YEMEN Sanaa at 0304 w/man in Arabic, chanting from 0305(Fortson)
- 5950T PERU Tentatively R.Arequipa w/mx & Sp anmts, no ads; very weak; not Ecuadorian mx; at 0030(Matthews)R.Zelaya, Nicaragua, previously hrd here(DF)
- 5955 COSTA RICA R.Casino at 0550 w/mx & ID, off 0600(Menna)0500-0600 in Eng w/DJ show. US pops, IDs, TCs(Driscoll)0518 Eng pops, ads, TCs(Fortson)
- 5955 GUATEMALA TGNA at 0335 w/Eng rel pgms; fair(Rowell)Rel pgm, bad mod. 0245(Perry)
- 5960 COLOMBIA LV de Bogota w/mx & Sp anmts 0020(Matthews)
- 5965 BRAZIL R.Guiaba w/good sigs 0035 w/2 men tlking(Matthews)0120 Port(Lewis)
- 5969 PERU R.El Sol w/Sp mx: 0230, then futebol(Berghammer)0256 mx, occasional ID, usually w/gongs & ads. To 0455 s/off after anthem & ID w/call & fqys(Berg)
- 5975 BRAZIL R.Guaraja at 2350 at good lvl w/Port tlk, mx at 0000; BBC carrier on 2358 all but obliterates them(Sizer)2345, lost under BBC carrier 0002(Lewis)
- 5978 S.KOREA Seoul in Korean Svc 1140, up from 5976; Peking-5975 also in Korean (Padula)A weak sig noted here in lang 1120; could not ID(D.Ferguson)
- 5980 GEORGIAN SSR Tbilisi w/"R.Stantsiya Rodina" to Eur 2230, 10 Aug(Berghammer)
- 5981m PERU R.Panamericana at 0300 in Sp w/LA pops, up 1 from RSA/YSS(Berghammer)
- 5985 TANZANIA R.Tanzania 0315 Swahili, drum mx(Berghammer)Afr pops, ads 0337-0400; in Swahili(Fortson)

- 5995 AUSTRALIA RA, Lyndhurst(according to Robert Jones in August ADXN) w/Eng mx: 1117; and n: from Melbourne studios; gone when rechecked at 1130(D.Ferguson)Unlisted ABC outlet w/ID 0900 & 5 pips; world n: & pop n:(Shaw)
- 5995T BOLIVIA Believe R.Loyola is the Sp stn weakly mixed w/Colombia 0030 w/Latin dance n:; currently reported in Europe. 9 August(Berghammer)
- 5999 SINGAPORE Singapore K.T.; Chinese n:, ads 2343, time sig & n: 2345(Hauser)
- 6000 AUSTRALIA RA; new fqy(?) in Eng w/rock n: 1020; powerful.(Sizer)
- 6000 BRAZIL R.Inconfidencia 0035 Port songs(Murphy)0954 Port tlk, n:(Fisher)Excellent 0038 w/dance n:(Matthews)0109 instrumental n:(Lemna)Sp & Eng songs, male ancr, 0014-0130(Soneff)
- 6005 W.BERLIN RIAS at 2200 w/exc sig in Ger; this supposedly 20 kw & is well hrd; never hear Munich, though.(Shaw)Try 0300-0330 when the switch is being made(DF)
- 6005 BOLIVIA R.Progreso strong 0038 w/ID; het(Murphy)
- 6006 COSTA RICA R.Reloj fair 0530 w/pop & LA n:; frequent ID, TCs; het from 6005(Berg)
- 6010 ASCENSION IS BBC Eng n:, press review from 0500 tune(Walenter) (Sizer)
- 6015 BRAZIL R.Clube Pernambuco w/long tlk in Port from 0041(Matthews)Futebol 2320
- 6020 USA VOA-Gvl at 0230 s/on "Special Arabic"; Ger 0245; what goes?(Michalenska)
- 6030 CANADA CFVP, Calgary, w/pop n: 1032; n:& w: 1100, more pops; LA QRM 1115(Berg)
- 6035 BRAZIL R.Globo w/classical n:, excellent sig 1039(Lemna)
- 6035 NIGERIA(Biafra) Enugu w/drums(same as late 50s!) before 0500 s/on; pips, ID, prayer, sermon; n: 0515, pop n: from 0530; blocked by carrier 0542(Berg)
- 6037 COSTA RICA TIFC s/off 0430 w/Eng anmt & "Battle Hymn of the Rep."; fair(Heggs)
- 6040 W.GERMANY DW w/Eng to NA 0140 //6075, 9735(Jeeves)
- 6040 COLOMBIA LV de Tolima w/Sp anmts, n: pgm; good(Caldwell)
- 6050 NIGERIA WNRV, Kaduna, 2215 hi-life n:; bad QRM 25 July(Berghammer)
- 6050 HONDURAS R.America in period 0600-0700, 26 July w/election results; blocked by HCJB 0700(Padula)LA n: & talk; good at 0440(Dexter) (Anderson)
- 6055 MEXICO R.Mexico w/Eng anmts 0545(Henry)See August - should read 6055, not 6065
- 6065 COLOMBIA LV del Llano w/farm noises, Sp ID 1032(Jeeves)
- 6080 E.GERMANY RBI 2230-2300 Sp to Eur, way over Algeria(Berghammer)
- 6082 PERU R.Nac. at 0155 w/Peruvian n:, ID, more n:(Fortson)0300n:(Caldwell)Fix & n: 0300(Henry)Mx 0305(Scoville)
- 6085 W.GERMANY Bayerischer Rundfunk w/Ger ID & pop n: from 0630(Hicks)
- 6090 CAMBODIA RNK w/band n: to 1228, Fr n: by M&W; Eng n: by lady 1245; hard copy & QRM VLI6(Berg)
- 6090 ARGENTINA R.Belgrano from 0215 w/several clear IDs, n:, M&W ancres(Dexter)Through much QRM following Sp w/Eng n: at 0300; poor(Sizer) (Hauser)
- 6090 RSFSR(As) Irkutsk, listed, Russ HS 1255; gave Moscow time 1300; RNK was off air
- 6090 LUXEMBOURG RL, Eng pop show 2230, sig getting weaker(Shaw)
- 6095 NETH ANT TWR at 0334-0350 s/off w/hymns to Afr in lang; Eng ID at close(Tuchscher)
- 6095 PERU R.Nac. Milochenta at 0300 Sp & n:, IDs(Caldwell)
- 6100 AUSTRALIA RA, Lyndhurst, n: 0949, ID, n: 1000(Glavich)1008 Eng n:; have been conflicting reports on QTH(Fisher)In August ADXN, Robert Jones says Lyndhurst here 0830-1115, Darwin 1130-1430. Latest info puts the Lyndhurst tx on 5995 at 0830-1215.(Robert Jones, via ADXN)Note that 5995 was clear at 1130, though(DF)
- 6100 YUGOSLAVIA Belgrade at 2200 s/on Eng n:, comment; Fr 2215(Berghammer, Scoville)
- 6105 INDONESIA RRI w/Eng 1116-1132, ID 1130(Perry)
- 6105 THAILAND Bangkok in Thai 1258; R.Thailand Thai n: 1300; has Eng n: 2340(Hauser)
- 6110 NETH ANT TWR w/Sp n: 0825, n: 0830(Leger)
- 6115 BRAZIL R.Tamoio, Rio, weak w/pop n: 2245(Sizer)
- 6115 MEXICO XEUDS, R.Univ. de Sonora, fair 2345 w/classical n:; 0000 ID, call, fqys, more n:; drama 0107, but mixing w/R.Union by then(Berg)
- 6115 PERU R.Union IDing w/MW "R.Mil...en la banda quarenta nueve(49m) metros... ochosientos-ochenta kcs(880 kc)...voz la musica en la noche del Peru". Leaves air abruptly 0500A, doubling w/Ondas del Meta, Col. Sometimes clear after Col. s/off. In clear 0412. 11 Aug(Hirst)Rel tlk to 0400, then vocal LA n:. ID occ. as "una voz al servicio del Peru"; off abruptly 0450(Berg)

- 6120 ARGENTINA R.El Mundo fair 0000 w/chimes & ID(Sloan)2350 Port, ancd is a Monday-Fri best to E.Brazil; apparently 2200-0000, into Sp 0000(Hauser)
- 6125 BRAZIL R.Nac. São Paulo hrd w/wild cmtry 0050(Murphy)
- 6129 VENEZUELA R.Valles del Tuy at good lvl 0320 w/mx & ID(Dexter)
- 6130 LAOS Rdif. Nat., 1246 in oriental lang, Eng lang lesson, 18 July(Fisher)
- 6135 TAHITI R.Tahiti w/mx & Fr, good lvl 0540(Dexter)
- 6140 MEXICO R.Univ. de Chihuahua, pop concert mx & ID, 0500 s/off 29 July(Sparks)
- 6144+ BRAZIL R.Nacional, Rio, Brazilian tlk 2337, CW QRM(Hauser)
- 6145 HUNGARY Budapest, new fqy w/Eng cmtry to Eur 2135, Sp 2200; believed to be a test; this & several other 49m fqys not hrd every day(Padula)
- 6145 FRANCE Paris w/Polish tlk 2015, Fr 2030, s/off 2100; 5955 unhrd(Padula)
- 6150 AUSTRALIA VLR6 at 1015 w/pop mx, Eng anmts(Tuchscherer)
- 6150 COSTA RICA R.Atenea w/US pops, ID 0540(Sparks)From 0426 w/LA mx, TCs; full ID 0429; s/off abruptly 0507 in middle of song, maybe tx trouble(Berg)
- 6155 JAPAN FEN noted 0913 w/good sigs, usual format of mx(Murphy)What, please, is the "usual format"(DF)
- 6157 HAITI R.Citadelle 1115 US pops, Fr anmts(Berghammer)6155, weak but clear at 1120 in Fr w/pops(Sizer)
- 6157v IRAQ Baghdad at 2200 w/Arabic chanting(Berghammer)
- 6165T S.VIETNAM VTVN(?) w/good sigs 1051-1121 w/tlk in oriental lang, oriental mx; 1100 chimes or bells, & pips, then mx(?). Mike Ryan says lang is Viet.(Kamp)
- 6170 VENEZ R.Nac., 0122-0222 w/inst. mx, ID, guitar mx, orchestral mx(Soneff)0350 s/off; strong sig(Henry)
- 6175 MALAYSIA RM w/ID in lang 1100, IS to 1105, then lang(Lobdell)Also 2350(Henry) 1048 Indonesian mx, light mx, ID 1100, Mandarin 1105(Tuchscherer, Shaw)
- 6192v BRAZIL Emis.Continental at 2230 w/futebol game in Port; live(Berghammer)
- 6190 INDONESIA(Sumatra) RRI Padang w/ID 1229, mx after chimes(Hauser)UNID Indonesian on 6193 is best 1130-1300 w/US pops, frequent IDs; hrd for weeks(Berg) (Shaw)/
- 6195T TUNISIA RTVT at 2245 w/Arab cmtry & mx; tentative since Eizerte was mentioned
- 6205 INT.WATERS RNI was here from 11 July, through the remainder of July, reportedly to avoid QRM from a Norwegian PTP stn involved in marine communication on 6210.4 kHz(Calkin)WRB indicates the stn anncs the purpose of the transmission is to "clear the channel of unauthorized besting." It seems someone else doesn't like RNI. That makes three, because I don't care for such, either(DF)Noted on 6206, 8 Aug(Lobdell, Berghammer)6210, 9 Aug; Back on 6209½ from 3 Aug(Calkin)
- 6250 PERU R.Cuzco at 0320 w/Peruvian Indian mx; poor 24 July(Rowell)
- 6250 EQ.GUINEA Santa Isabel s/on 0530 w/fantastic sig 18 July(Calkin)2215 Afr drum mx(Berghammer)2254 Sp, anthem & off 2259(Koukol)Fine lvl from 2245, IS & ID 2249; s/off w/anthem at 2255. Long anthem!(Shaw)
- 6265v LAOS Paksane at 2359 w/Lao anthem, anmt, songs, //4615(Hauser)
- 6273 S.E.A. "Sattanii Hen Dyu Kaan" or the like, in Cambodian-like lang, distorted, tlk & medley of US military mx, 0102(Hauser)
- 6300T PERU Believe is R.Miraflores, but no ID hrd, at 1030 w/LA mx, fine sig(Sizer)
- 6380A UNID 1229 oriental mx & W. ancr in lang(Fortson)
- 6436 INDONESIA(Java) The curious non-RRI stn hrd again, 18 July, 1105 w/Hawaiian mx, Indon anmt as "Radio...., Surabaya"; "Vaya con Dios", off 1107(Hauser)
- 6543 N.KOREA KCBS at 1030 w/Korean mx, w/western orchestral background(Berghammer) Eng mx 1900(Bruce)1228 man in Japanese(Fortson)
- 6650 INDONESIA(?) at 1228 w/US pops, Indon(?) anmts; ute QRM; no RRI mx 1300(Hauser)
- 6678 VIETNAM(?) Monk chanting 0248, mx 0259, Viet ID; believe not Viet Bac or Tay Bac; maybe S.Vietnamese regional(Hauser)
- 6995 CHINA Peking w/Eng pgm on PR Congo 1218(Hauser)
- 7040 N.VIETNAM V.of Vietnam w/Eng 2325(Hauser)
- 7110 DODECANESE IS VOA s/on Arabic 0400 after local ID; hard copy(Michalenka)
- 7115 MOROCCO Sebba-Aouin, pretty sure, in Arabic, much QRM, at 2210(Sizer)
- 7115 THAILAND Thai National Stn at 1140 w/man in Thai(Fortson) (Sala)/
- 7125 GUINEA Conakry from 0830 in Fr, native rhythms, small tlk(Shaw)0722 Fr tlk, mx

- 7130 TAIWAN BCC at 1220 w/pop mx in an Asian lang(Fortson)
 7145 LAOS RNL, Vientiane, new fqy, songs 0515, ID 0530 //6130, 5160, then mx(Hauser)
 7155 JORDAN Amman at 2200 w/Arabic world mx, frequent mention of Israel(Berghammer)
 7210 SENEGAL Dakar at 0657 w/drums, anthem, man talking; strong(Cabral)
 7215 INDIA AIR GOS to UK at 2200 w/nx; ham QRM, low modulation(Berghammer)
 7245 S.VIETNAM VTVN, Saigon, here many mornings in Viet w/pop native songs 1.115(Sizer)
 7250 VATICAN VR at 2130-2145 w/Sp to Eur //9645, 11720(Berghammer)
 7270 S.AFRICA RSA 0500 Eng mx, good sig(Berg)0430 Eng to Afr & ME, cmtry(Heggs)
 7275 PORTUGAL DW, Sines, 2245-2345 Serbo-Croat to Eur, relay audio(Berghammer)
 7276 S.E.A. "Satanii Hen Dyu Kaan" at 0115 w/"Anchors Aweigh", rock, //6273(Hauser)
 7280 S.AFRICA RSA 2100-2150 Port to Eur, ex 9740, //11875(Berghammer)
 7285 PIRATE/CLANDESTINE "WGHP" w/far out soul mx 0326, ID, fqy 0331, then off(Dexter)
 7295 MALAYSIA RM, Kuala Lumpur, pops & orchestral works 2235, Eng; strong(Padula)
 7306 NIGERIA NBC, Emugu, 0520 Eng w/Afr mx(Koukol)Hi-life mx 2145(Berghammer)
 7340 USSR Light mx to LA 0225, Moscow ID 0230; time pips 0300(Tuchscherer)
 7360 CLANDESTINE-VIETNAM "Dai Phat-Thanh Keu Do" w/ID in Viet 1.130, previously hrd on 9800 & 1045(Hauser)
 7399 CLANDESTINE-Cambodia? At 2330 ID of some sort in Cambodian, off 001.5A. Maybe the new stn Sihanouk is reported to have set up at unknown QTH(Hauser)
 7417 N.VIETNAM R.Hanoi w/pgm of commercialized(!) Viet folk mx, orchestral mx, //10227, not //15043. 1030(Berghammer)
 7770 CHINA Peking at 1000 in Mandarin; recent NF(Berghammer)
 8195 CHINA R.Peking in Mandarin 1000, recent NF(Berghammer)Chinese 1320(Fortson)
 8660 CLANDESTINE Pathet Lao; tlk 0425, //8630 & louder there(Hauser)
 8892 MONGOLIA R.Ulan Bator w/Eng pgm at 1230; low modulation; off 1.247 giving daily sked as 1.220-1.250 on 1.7700 & 1.7860; 2200-2230 on 1.1810, 1.1860 (except Sun eve. & Monday morning); WRTH gives geo.coords. for Ulangom, far west of Ulan Bator(Hauser)
 9460 W.PAKISTAN R.Pak.; ex 9465; Eng to Eur 1945, //11762 also hrd(Padula)
 9465m PERU R.Cont. de Arequipa at 0440 w/native mx, IS & ID 0500(Tuchscherer)
 9475 EGYPT Cairo w/Eng mx, mx, mailbag, to NA 0245-0330 s/off(Handler, T.Jones, Rowan)
 9505 CZECH. Prague at 0700-0800 Eng to Eur, //6055(Berghammer)
 9510 ALGERIA Algiers in Arabic 2215, mixed YV; still in Fr 0700 on 1.1715; seems to have made major sked changes recently, not listed in WRTH SS(Padula) (G.Ferguson)/
 9520 N.ZEALAND RNZ at 1100 w/ID, to Austr. Answering questions, dance mx, annc //1.1705
 9520 PAPUA ABC, Port Moresby from 0630 w/broadway hits, TCs, pop mx to close 0715 (Driscoll, Rowell)close 0700 weekdays, 0730 Sat(Berg)Eng 0700(Berghammer)
 9525 JAPAN NHK s/on Eng 1200, but VOA s/on about a minute later gets 'em(Byers)
 9530 JAPAN R.Japan s/on 0930 Japanese to LA(Berghammer) (Padula)/
 9539v N.KOREA KCBS Eng 1.100-1.200 //15148v, recent NF(Berghammer)S/on Russ 0900 //1.3520
 9540 N.ZEALAND RNZ 0609-0630 w/nx & mx; good(Handler)
 9545 GHANA RG at 2210-2215 s/off; Eng pgm w/native mx(Tuchscherer)
 9545 EL SALVADOR Yes, YSS was here on 4 June; wouldn't have noted it otherwise, as is a common logging.(Hirst)
 9545 MEXICO LV de Vera Cruz w/Sp mx 1720-1820; poor(Soneff)
 9550 PERU R.Nacional Tumbes, 0457 s/off Sp w/tremendous sig, 24 July(Sala)
 9562 PERU R.Nacional at 0256 ID, Sp mx, TC 0259(Fortson)0215 pops, ID in Sp(Heggs)
 9575 NETH ANT R.Ned.; s/on 0330 Dutch to NA; excellent daily(Rowell)
 9576 EL SALVADOR R.Comercial, YSV, Sp song 1427 tune; weak sig in a noisy band; anmt given, but not read due to noise. Is still irregular.(D.Ferguson)
 9578 ECUADOR(see unid in July LR) spurious radiation from HCJB on 9600(Berghammer)
 9579m INDONESIA V.of Indonesia w/Eng mx 2340, early August(Padula)
 9590 NETH ANT R.Ned.; s/on 0330 Sp to Mexico; excellent daily(Rowell)
 9590 USSR "R.Moscow" w/Sp to LA 2340 over CE959(Padula)
 9595 JAPAN NSB, Tokyo, Eng lang lesson 1.045-1.100(Matthews)Jap tlk 0806(Sala)
 9596m TUNISIA RTVT 2100 Arabic cmtry; unlisted WRTH SS(Berghammer)
 9605 ECUADOR HCJB in Scandanavian lang 0540, ex 9645; moves about the band(Padula)
 9608.5v IRAQ Baghdad 1930-2020 Eng to Eur, sked //6030; recent NF(Berghammer)

- 9606 BOLIVIA R.Pirai(also ID as Pirai Radiodifusion) Santa Cruz; 0130-0230 w/R&R mx, lots of IDs; 26 July continued strong even after DW s/on 9605 at 0200(Sparks)
- 9610 AUSTRALIA Perth at 1100. Need I say more for this pwrhouse??(Matthews)Well, how 'bout a pgm description?(DF)Eng mx, wx, mx: 1445-1515(T.Jones)1345-1415 mx: request pgm; fair lvl(Driscoll)
- 9615 MOROCCO VOA Tangier w/Eng ID 0445, into Polish; good lvl(Kelly)
- 9615 COSTA RICA LV de la Victor; 0200 Sp, classical mx, light mx & pop mx: to 0600 s/off(Caldwell)0343 Sp, classical mx(Sala)Mx, IDs at 0215(Davidson)US instr. mx & very little tlking 0115-0300 t/o(Soneff)
- 9620 ALBANIA Tirana w/Sp s/off 0125(Matthews)
- 9620 BRAZIL R.Novo de Julho, my 43rd Brazilian, Port tlk, QRM, 0135(Sizer)
- 9625 PORTUGAL Trans Europe w/test, asking for reports, in Eng & Swedish(Ithink). Gave address as P.O. Box 21040, Lisbon; 1345-1415, //11865; both strong w/250kw(Sloan)
- 9625 PERU R.Atlantida noted briefly at 1100 s/on; very weak(Lemna)
- 9635 COLOMBIA R.Nacional at 0058 Sp ID; HCJB s/on here 0100 gets 'em(Soneff)
- 9635 UNID. Who hets Singapore here at 1030 on(Matthews)Maybe Colombia(DF)
- 9640 S.KOREA VOFK, Seoul, in Asian lang to 1100, then into Eng w/ID, sked, mx & cmtry; then Korean folk songs. Requested reports before 1129 s/off; no jamming(Berg) 1100 Eng, anncing //1.5430(Matthews)1105 Eng mx(Fisher)Eng 1100-1130 w/mx, cmtry. (Driscoll)0900-0930 Eng to NA(?-DF) w/mx, cmtry, mx; into oriental lang 0930(Kamp)
- 9645 COSTA RICA TIFC w/Eng rel pgm 0300- past 0330(Walenter)Eng rel pgm 0400-0430 s/off; ID as "Lighthouse of the Caribbean, TIFC"; gave address as Box 2710, San José; long s/off amts(Driscoll)
- 9645 VATICAN VR w/rel pgm to Eur in Eng s/on 2045-2100 s/off(T.Jones)
- 9650 E.GERMANY RBI at 0330 w/Eng to WCNA; mx & comment(Caldwell)0331 mx & mx(Handler)
- 9655 PERU R.Nor Peruana, Chachapoyas, hrd 0230 w/SA mx & ads; occasional TCs; ID 0300, more mx: to 0358 s/off after ID & anthem(Berg)0354 IDs, amts to 0359 s/off(Soneff) Sp 0300 w/Peruvian mx; fair(Caldwell)
- 9660 ANGOLA A Voz de Angola w/Port 0530 (I assume lang was Port(Walenter). ID hrd?(DF)
- 9665 PORTUGAL DW Sines at 2000-2100 Hungarian, sked //7150(Berghammer)
- 9665 MALAYSIA RM w/mx 1100, market report 1115, mx: 1130(Anderson)1100 mx, pop mx: Matthews)1100-1140 mmm tlk pgm, market report, native mx:(Driscoll)1240 tlk abt drugs, ID 1245(Glavich)Eng mx 1100, poor(Sizer)1116 mx, cmtry(Fisher)
- 9675 JAPAN NHK to SEA w/mx: 1052 in Eng, //11875, weaker(Jeeves)
- 9685 ALGERIA RTVA w/local mx & long Arabic songs; much mention Israel, ID 0800(Shaw)
- 9690 ARGENTINA RAE w/Eng, Argentine mx, cmtry 0650; s/off 0700, //11780 which has wretched modulation(Williams)0200 Sp & mx; poor due QRM from RSA(Caldwell)
- 9700 PAKISTAN R.Pakistan at excellent lvl 1630 w/Farsi cmtry, ID, native mx:(Padula)
- 9702 NIGER R.Niamey 0712 w/W.Afr mx, male ancr, Sunday(Fortson)"R.Niamey"? I've never seen that ID reported before, that I can recall.(DF)
- 9705 INDIA Delhi at 1259 w/man in Tibetan, oriental mx to 1215 s/off(Fortson)
- 9715 NETH ANT R.Ned.; Eng mx 0500 s/on(T.Jones) (Matthews)
- 9715 PHILIPPINES FEBC noted clearly in Russian 1000-1100; off w/no Eng s/off at 1101
- 9726 ISRAEL Kol Israel at 1930-2000 in Russian over RFE(Berghammer)
- 9745 AUSTRALIA RA 0915 Eng in continuing tests, muffled, possibly Darwin(Berghammer)
- 9745 MEXICO R.Mexico at 0315 w/Sp mx; good sig(Cabral)
- 9745 TURKEY Ankara w/HS, Turkish tlk by lady 2045(Padula)
- 9750 CHILE R.Mineria at 0420 w/noticias & ID(Sparks)
- 9753v EGYPT Cairo at 1930 w/Arabic Koran pgm, sked 1100-2000(Berghammer)
- 9755 N.ZEALAND RNZ at 1200 t/i w/elaborate wx & sea rpts; fine lvl, clear fqy(Shaw)
- 9755 RWANDA DW Kigali at 1930-2020 Eng to W.Afr, //11785; NF, ex:9765(Berghammer)
- 9760 SPAIN RNE w/Eng mx, mx; 0300-0345(Marshall)
- 9780 ALBANIA Tirana at 0015 in Eng(Davidson)
- 9800 RSFSR(Eur) Kazan listed for Russ pgm; tlk, mx; fair 0240(Sizer)
- 9814 CAMBODIA Phnom Penh H.S., 2:4907 w/mx: 0659, 0700 TS, Cambodian anmt, mx(Hauser)
- 9850 EGYPT Cairo at 0215-0250 t/o w/chants, Arabic mx; also hrd 7050 some nights; in Arabic(Tuchscherer)

- 9900v CHINA Peking at 2100-2130 w/Hausa to W.AFR; rarely hrd(Berghammer)
- 9913 RYUKYU IS WUNC at 1012 in Korean(?) tlk, RTTY(Fisher)1217 ID, Korean(Fortson)
- 9915 ENGLAND BBC w/nx: about Ireland 0415(Cabral)
- 9940 INTERNATIONAL WATERS RNI first noted 10 Aug, to new closedown at 0200; stronger than 6209.5(Calkin)9938.5, Eng from 0100 tune; RTTY(Matthews)
- 1000 JAPAN JJY at 1034 w/Jap anmt by woman(Fisher)
- 1004.6v N.VIETNAM Hanoi at 1000-1025 w/"V.of Vietnam"(Berghammer)1530 Eng nx(Fisher)
- 10180 CHINA Peking w/Mandarin HS 1000; gone at 1030(Berghammer)
- 10227v N.VIETNAM R.Hanoi at 1030 w/Viet HS //741.7; Viet national folksongs(Berghammer)
- 10153v N.VIETNAM R.Hanoi at 1030 w/lady in Cambodian, folk mx; assume is new channel for Hanoi's ordinary foreign svc. Not dual the Cambodian spkr(landestine) on 11997v.(Berghammer)Out of order.(DF) (Koukol)
- 10530 KAZAKH SSR Alma Ata clear at 0000 s/on w/anthem, nx: 0003 in Kazakh by M&W /
- 11445 CHINA Peking at 2130-2200 w/Quechua to Peru & Bolivia; new lang, following Moscow' example; has Portuguese 2200(Berghammer) (Padula) /
- 11620 INDIA AIR at 1745 w/ID by YL, mx; Eng; weak(Tuchscherer)Eng nx: to Eur 2050
- 11672 PAKISTAN Karachi w/ Eng tlk, songs in lang from 0017 tune; off 0115½(Soneff) Light mx, Eng ID 2029 s/off(Jeeves)
- 11695 CHINA Peking at 2030-2130 Eng to W.AFR; really strong(Berghammer)
- 11770 MONACO TWR 1830-1845 Armenian(Berghammer)
- 11705 PORTUGAL R.Port.(no kidding) 0325-0340 one day only, 5 Aug; in Eng; Sweden on 11780 this night(Heggs) (Berghammer) /
- 11705 SWEDEN Stockholm at 2253 w/ Eng to Eur(Jeeves)2045-2115 Eng to FE, mix: Moscow /
- 11705 ENGLAND VOA 0530 w/Eng ID, into Arabic to Africa(Heggs)
- 11709m ARGENTINA RAE 2300-2345 Eng to Eur, Argentine folk mx; het RNE, up 2(Berghammer)
- 11710 AUSTRALIA RA, Melbourne, Eng nx: & mx; very strong 1150(T.Jones)
- 11721m GREECE NHBI 1930-2100 Greek to Eur; noted 2045 w/folk mx; 3 hots(Berghammer)
- 11724m CONGO REP ORTF 0745 Fr w/European mx; low het from RFE(Berghammer)
- 11725 AUSTRIA Vienna s/on 0400 w/cmtry in lang(Heggs)0325 lite mx, ID 0355, lang. (Tuchscherer) Both report as a new fqy.
- 11725 VATICAN VR w/rel pgm to Eur 2045-2100(T.Jones)Is this //9645? If so, should have been reported as such!(DF)
- 11730 UKRAINIAN SSR Vinnitsa, list, Moscow Eng to ECNA w/nx, comment to 0158(Sizer)
- 11735 MOROCCO RTVM 1900 Fr ID over Moscow, American jazz(Berghammer)Eng 1700-1800; nx: at 1715; fair(Bruce)
- 11735 NORWAY R.Norway at 0100 s/on(Davidson)S/on what?(DF)
- 11745 ECUADOR HCJB 0055 mx, 0100 ID & nx(Glavich)
- 11765 BRAZIL R.Dif. de São Paulo noted w/ID, Port tlks //15155(Lobdell)Time, PLEASE
- 11780 SWEDEN RS 0340-0400, 5 Aug only, SCDX; back on 11705 next day(Heggs)cp 11785
- 11780 JAPAN NHK w/nx: to E & N Afr in Eng 1745-1800(T.Jones)
- 11785 BRAZIL R.Guaiba 0200-0300 US & LA mx; Port anmts, ads; time pips every ¼ hour (Heggs)2345 Port nx: (Caldwell)
- 11785 SWEDEN RS, ex 11705, 0330-0400 Eng to WCNA, 5 Aug(Rowell)compare 11780
- 11785 RWANDA DW Kigali at 1930-2020 Eng to W.Afr, //9755(Berghammer)I see no need to report more than one of the // channels!(DF)
- 11785 IRAQ Baghdad still here 2230(Perry) Pgm description, please!!(DF)
- 11790 NETH ANT TWR w/Eng pgm; mx & nx: at 0215(Hicks)
- 11795 BRAZIL R.Nac. Rio, 0235 pop mx; ads, ID, mx:(Heggs)
- 11795 ET HIOPIA ETLF at 0250 w/Eng, Fr & lang IDs, w/instr. mx; begin Fr 0300(Driscoll)
- 11795 LIBYA Tripoli well hrd in Arabic 1950, ID 2010; easy to get ID; jazz 2015(Shaw)
- 11795 USA WINB w/Eng pgm2030(T.Jones)
- 11800 CANARY IS RNE 0030 Sp comment & nx(Caldwell)Sp 0330(Davidson)Details, pse(DF)
- 11800.5 CEYLON R.Ceylon, Tamil Svc listed, YL singing in lang, flute(?)mx:(D.Ferguson)
- 11805 BRAZIL R.Globo w/mx; talks in Port(T.Jones)
- 11809m ALGERIA RTVA 1830 pop Arabic mx; off fqy past 6 months(Berghammer)
- 11810 ITALY RAI w/nx; mx: in Eng 0100-0135; Italian 0140(T.Jones)S/on 2230 w/bird chirps, man in Italian(Cabral)

- 11810 S.AFRICA SABC Afrikaans Svc, 0745, het from Algiers, till 9 Sep(Berghammer)
- 11815 JAPAN NHK noted 1258 w/IS, 1300 ID & Eng mx, weekend in review; close 1315, continued in Japanese(G.Ferguson)
- 11820 MEXICO El Heraldo de Sonora at 0330 Sp & US pops; excellent(Caldwell)
- 11820 NETH ANT TWR, Eng 1.135 w/ID, message by Dr. Freed(Leger)
- 11825 SWEDEN RS in Eng to ENA w/mx: 0200, runs to 0230(Marshall)SCDX 0225(Davidson)
Eng talks on Sweden 0045-0100, then Swedish(T.Jones)
- 11830 PHILIPPINES R.Veritas, Manila, very good 1222 w/rel pgm, mandolin mx. ID 1300 (and throughout), mx, tlks. All oriental lang. Often has a few minutes of silence on hour & 1/2 hour(similar to Moscow; frequently uses "Theme from 'Moulin Rouge'" during pgms(Berg) Next item out of order, sorry(DF)
- 11825 TAHITI R.Tahiti w/Tahitian mx: 0330, Polynesian mx: to 0400, ID, gong, tlk in Tahitian(Driscoll)3.Sea mx 0430; exc sigs(Weber)0300 IS, s/on, island mx:(Scoville)
- 11833 HAITI R.4VEH, Eng rel pgm, ID & off 0200; request reports; definitely on a split freq(Sparks)0130 Eng ID & rel pgm; het - notch filter handy(Murphy)Eng mx: 0200-0208 s/off(T.Jones)
- 11835 ALGERIA RTVA 2250-0001 s/off w/sports best; off after anthem(Perry)
- 11835 CEYLON VOA Colombo barely audible under R.4VEH at 1.100(McElwain)
- 11840 AUSTRALIA RA w/Eng mx to Pacific, s/on 1000(T.Jones)
- 11850 NORWAY R.Norway w/Eng asking for reports at 0029, off 0030(Leger)
- 11844v MOZAMBIQUE V. de Mozambique at 1900 in Swahili w/US pops(Berghammer)Out order
- 11845 CHINA Peking s/on Malay 1000 after anthem, //listed 12055, 15095(Padula)Order
- 11850 GHANA R.Ghana at 2005 w/Eng mx, mx, talks(Menna)2000 news in Eng; African mx: (in Eng) at 2030(Bruns)Eng mx: 2006(Leger)2030-2100 Eng to NA/Caribbean; hi-life mx:(Soneff)
- 11850 USSR "R.Kiev" w/sports & cmtry 0450-0500(T.Jones)
- 11854v BRAZIL Haven't pulled out clear ID yet thru WNYW; however, WRTH SS lists new R.America, São Paulo, //1410 MW; Ernie Behr recalled former R.9 de Julho from the early 1950's, //9620. Needs looking into(Berghammer)
- 11855 USA WNYW w/Eng 2352 w/mx from NY pgm; bilingual anmts(Leger)
- 11855 SAUDI ARABIA Djeddah w/Eng 1.100, mx: 1.130; poor(Bruce)S/on Eng 0530 after IS, anthem, gong, Nx: 0445; mx till 0525, then ID & off(Driscoll)Those times correct?
- 11860 TAIWAN VOFC begin Korean 0950 after anthem, //11825, both well hrd(Padula)
- 11860 S.AFRICA RSA 2000-2050 Dutch to Eur //15175, ex 11875(Berghammer)
- 11865 PORTUGAL R.Trans Europe w/test in Eng for UK 1345-1415, //9625(Bruce)
- 11880 AUSTRALIA RA w/Eng to Asia 1403 w/classical mx:(Jamison)Eng mx: 1400-1415(T.Jones)
Note: this was listed as 11800 in August LR, sorry for the error(DF)
- 11885 S.AFRICA SABC Eng Svc 0745 w/US pops; mix: RFE; until 6 Sept(Berghammer)
- 11895 W.GERMANY RFE s/on w/IS for Polish Svc 0400 in clear(Shaw)
- 11895 SENEGAL Dakar at 2204-2227 mx: pgm in Fr; some Afr mx:(Perry)
- 11900 S.AFRICA R.RSA w/IS 2054, ID. NQ 2059, into Eng mx: 2100(Leger) I give up, what is "NA"(DF) Eng to Afr, ME 2115-2130; "S.Afr Panorama"(T.Jones)
- 11900 TUNISIA RTVT at 2258-2332 s/off w/chants; bells 2330; anthem & off(Perry)
- 11905 ITALY RAI w/US "mod" songs & tlks, seemed Italian, but could have been Sp; 0115-0130 t/o(Soneff)11910 THAILAND R.Thailand 1129 IS, s/on 1.130, Eng ID, into Malay(Scoville)S/on anmt by woman 1122(Dexter)
- 11915 DODECANESE IS VOA at good lvl signing off w/QTH in Eng at 2230 after Fr to Afr; don't confuse w/Abidjan 11920(Sizer)2200 end Russian, into Fr to Afr; QRM HCJB and Abidjan, but fairly strong signal(Michalenka)
- 11915 ECUADOR HCJB w/Eng ID 0259, 0300 German, //9525(Leger)
- 11920 PHILIPPINES FEBC 1330 w/Eng science pgm(Fisher)1350 rel pgm; lang 1400(Jamison)
Eng rel pgm 1230-1245(T.Jones)
- 11920 FRANCE ORTF w/Eng mx 0515-0530, then music(Hicks)
- 11920 IVORY COAST Abidjan s/on Fr 0600 w/anthem, ID, TC, gong & mx: by man; mx: 0605; talk pgm 0650(Driscoll)2145 native mx, excellent sig this day; other days has been weak(Tuchachsrer) (Fisher)
- 11925 LEBANON Beirut w/Eng to NA 0230-0300; mx: & mx:(Bruns,Soneff,T.Jones)Opera /

- 11925 UZBEK SSR Tashkent s/on Eng 1200; mx, mx, cmtry, mx, IDs; fair to good lvl (Driscoll, G.Ferguson, Walenter)
- 11935 INDIA AIR on new fqy, Eng 1000, seems to be ex 17380(Padula)17830 maybe?(DF)
- 11935 PORTUGAL Emis. Nacional at 1815-1915 w/Eng to Afr //21495(Berghammer)
- 11935 S.AFRICA SABC 0800 live Sat sports; will likely shift to 19m 6 Sept(Berghammer)
- 11940 SINGAPORE R.Singapore 1415 Eng mx & pop mx(Sala)
- 11940 KUWAIT R.Kuwait w/Arabic Home Svc 1300(Berghammer)
- 11940 ROMANIA Bucharest w/Eng mx 1935, cmtry 1938(Leger)See Aug LR, was not Budapest, was Bucharest; copied wrong from logbook; sorry(Jeeves)Tnx for correction(DF)
- 11940 JAPAN NHK 1358 w/talk by YL; ID by male 1400(Tuchscherer)
- 11945 INDIA AIR GOS to E.Afr at 1800 w/Eng //15080; is additional fqy(Berghammer)
- 11950 JAPAN NHK w/Eng 2040 w/DX mx, mx(Leger)Nxpaper editorials 2042 tune(Jeeves)
- 11950 LIBERIA ELWA at 0630 w/Eng rel pgm; good sig(Cabral)
- 11955 MALAYSIA BBC relay w/WS s/off 1815; good(Bruce)
- 11965A FRANCE ORTF w/Sp pgm, ID 0130(Soneff)
- 11965 W.GERMANY DW w/IS 2027, German ID 2030(Leger)
- 11970 MONACO TWR on new fqy, ex 11756, begin Russian 1945, good(Padula)
- 11970 GRENADA WIBS at 0130 w/taped Eng rel pgm from Texas, ID 0145(Michalenska)0200 Eng tlk & symphony mx(Sala)
- 11973 GRENADA WIBS w/what sounded like a playhouse in Eng; ID 0130(Cabral)Huh?(DF)
- 11975 GRENADA WIBS s/off 0220 after classical mx pgm(Heggs)Eng 2330(Weber)0208 Eng mx, ID, fqys, prayer(Leger)
- 12000 USSR Armavir at 1525 w/man singing(Glavich)Fr tlks 0030-0058 & off(Soneff)
- 12025 N.VIETNAM Hanoi at 1545 tlking abt US(Glavich) In English?(DF)
- 12176 IRAN Teheran at 2000-2030 Eng; fair(Bruce)2030-2130 Persian to Eur //15084; sked in WRTH ss9berghammer)
- 12450 CHINA Revolutionary mx; lang 1520. Not //6225 so must be new fundamental(Hauser)
- 15050 VATICAN VR w/FB tx of Handel's Water Music Suite from 2215 t/i; ID & fqy info at end of mx, then abruptly off; ID was in Eng. Anncd 9655, 11745, 15155, but nothing about 15050(Shaw)
- 15059v CHINA Peking at 1130-1200 French to Quebec; Peking has apparently expanded & rearranged its foreign lang sked this summer(Berghammer)Eng cmtry 0015-0030(T.Jone)
- 15084 IRAN R.Iran, 5 Aug, 0700 Persian & Persian mx; first time at that hour for 3 or 4 months; not full 100 kw(Rowell)
- 15085A EGYPT Cairo from 0145 tune w/Sp; s/on w/Eng to NA till sig off 0201(Soneff)
- 15085 CLANDESTINE R.Euzkadi good 2303 w/mx; by OM in Sp; IS & off 2308 after ID & address(Koukol)
- 15095 LIBERIA ELWA, chants w/Eng ID 2215-2230 s/off(T.Jones)
- 15105 JAPAN NHK at 1600 in Eng(Jamison)Eng 1609, Japanese 1615(Scoville)1700 Eng mx unusually strong, over BBC(Berghammer)
- 15105 AUSTRALIA RA at 0530 w/Fr mx; //15220(Fortson)
- 15120 CEYLON CBC at 0130 w/Eng, lite mx; HCJB splatter(Berghammer)1626 mx & Eng ID at 1658 s/off(Sala)1630-1700 s/off w/Eng; lite mx, pops, anthem(Kamp)
- 15125 TAIWAN VOFC at 0230 ID, mx; fair sig(Glavich)
- 15145 AUSTRIA Vienna at 2357 IS, into German pgm(Fortson)
- 15145 PORTUGAL RFE w/Polish 1715-1902; mx, mx, IDs(Driscoll)
- 15148v N.KOREA KCBS 1100-1200 Eng //9539v. Aug ADXN, just in, reports 2 NF;13520 and 15205(Berghammer)Eng 1100(Anderson, Koukol)Eng 1410-1425, poor(T.Jones)
- 15150T SAUDI ARABIA Djaddah at 2215-2259 s/off w/Arabic mx, mx, chant(Soneff)
- 15160 AUSTRALIA RA at 0240 w/mx, ID 0245(Glavich)
- 15160T DODECANESE IS VOA w/lang "VOA" ID 1443, no local ID(Lobdell)
- 15165 DENMARK RD w/Danish to Greenland 1730-1830, to Africa 1830-1915, to SA from 2200. Gave Eng ID, as well as Danish(Marshall)1129 s/on w/Eng ID, into Danish (Scoville)Eng ID & begin Danish 1730; daily(Shaw, Sala)
- 15165 SYRIA Damascus at 1930-2040 t/o w/Eng mx, US instrumentals(Soneff)Eng mx & cmtry 1945, instr mx to 2000 when had ID, TC & cmtry by woman, mx to 2030(Driscoll) 2030 more up-to-date mx than usual(Calkin)Eng mx, mx: 1930-2016(Marshall, Fortson)

- 15170 PORTUGAL RFE w/lang tlks 2330-0000//15115, 15145, 15215, 15355(T.Jones)
- 15175 NORWAY R.Norway 2055 IS, 2100 s/on Eng ID, lang(Soneff)2300 Eng/Norwegian ID,
into Norwegian pgm(Leger) (Berghammer)
- 15185 TURKMEN SSR R.Moscow via Ashkabad at 1100-1130 w/Thai; fade identical to AIR/
- 15190 CANADA CBC in Eng 2302 w/nx(Leger)
- 15200 AUSTRIA CR w/"All about Austria" 1830-1845(T.Jones)1930 polka mx(Rowell)1940 IS,
German ID 1941(Shaw) (Leger)
- 15200 S.AFRICA R.RSA 1000-1050 Eng to Australia //17815(Berghammer)Cl mx 1358, ID/fqy/
- 15220 NETH ANT R.Nederland w/Eng to Afr 1830(Bruce)
- 15230 ITALY RAI w/Italian to LA 0100 IDs; good(Soneff)
- 15235 INDIA AIR w/Eng 0033-0115 s/off w/Indian mx, tlk, more mx, cmtry(Driscoll)
- 15245 CONGO(DR) Kinshasa consistently good 0400 s/on after IS, into mx w/Fr anc(Koukol)
0505 Afr mx; Fr ancry loud & clear sig(Heggs)
- 15250 S.AFRICA R.RSA w/Eng mx 1805(Leger)
- 15250 RUMANIA Bucharest w/Eng 0130-0230; mx, Youth Club(Leger)0300-0330 mx/tlks(T.Jones)
- 15260 RSFSR(Eur) Kazan w/Moscow Eng 1130-1230 to UK(Berghammer)
- 15260 ASCENSION IS BBC w/local ID 0030 before Theater of the Air(Jeeves)
- 15263 SEYCHELLES FEBA w/Indian mx 1540 in Eng; ID 1545 & 1600; requests reports(Cabral)
- 15265 AFGHANISTAN Kabul w/Eng 1800 w/ID, mx, cmtry; 1830 s/off(Driscoll)
- 15275 NETH ANT TWR on new fqy, ex 15305, ending Russian 2330(Padula)
- 15280 USA KGEI w/Eng to 2220, then Sp to LA(Rowan)
- 15284v GHANA R.Ghana 1815-1900 Eng to E.Africa(Berghammer)
- 15285 RUMANIA Bucharest; IS for Eng pgm 0129; heavy QRM(Leger)
- 15295 FRANCE ORTF w/Eng pgm w/YL narrating a tale of life in Fr alps; listening
quality 2030-2045 t/o(Shaw)0515-0530 Eng mx //15190(Heggs)
- 15295 USSR "RP&P" in Sp 0130 w/ID; fair(Soneff)
- 15305 SWITZ SBC w/Eng mx, mx 0130-0200(Glavich, T.Jones, Leger)
- 15309m GUINEA Conakry at 0630 w/Fr, Afr mx(Berghammer)S/on w/guitar IS 0558, anthem, ID,
Fr tlks; frequent chimes & rooster crowing, faded by 0700, but 7125 still heard
at that time(Berg)
- 15315 MOROCCO VOA Tangier at 0215 w/local ID in Eng, into Arabic(Lcbdell)
- 15320 NETH ANT R.Ned.; IS 2255, Sp IDs very minute over IS(Leger)
- 15320 W.GERMANY DW 1600-1810 Ger to ME //11795; noted 1715 w/sports(Berghammer)
- 15325 CANADA CBC w/Eng mx to Afr 1834(Leger)
- 15345 PHILIPPINES VOA Tinang w/"The Now Sound" in Eng 1430-1500(T.Jones)
- 15345 TAIWAN VOFC at 0305 mx, mx 0311(Glavich) What lang, PLEASE(DF)
- 15365 CANARY IS RNE at 0330 in Sp(Cabral)Sp mx, mx, Sp opera 0230-0400(T.Jones)
- 15390 ETHIOPIA ETLF w/"V" IS 1535-1545 s/on Italian; low lvl; QRM VOA(Shaw)
- 15400 IRAQ Baghdad at 0400 w/chimes, Arabic mx(McElwain)0325(Cabral)0435 Arabic; ETLF
moved to 15170(Rowell)0400 bells, long tlk in Arabic; off 0500 one day(Murphy)
- 15405 USSR Moscow Eng 2325 w/mx, tlks(Glavich)
- 15410 ITALY RAI bird chirps 0139, bells 0141 & into Italian(Leger)2230 Italian(Shaw)
- 15415 AFGHANISTAN Kabul at 1200-1300 w/Pushto, Dari to Eur, sked //17780(Berghammer)
- 15419v SPAIN RNE 2030 Sp to Eq.Guinea; sked 1730-2130(Berghammer)Sp play 0245(Bruns)
- 15420 JAPAN NHK w/Eng tlk on Expo 70 2045-2100(T.Jones)
- 15420 PHILIPPINES SEARV 1200-1245 Burmese, mix BBC(Berghammer)1215 Burmese rel pgm
to 1249 s/off w/anthem(Koukol)
- 15420 CYPRUS BBC 0215 sports(Jamison)WS 1630; good(Bruce) (Berg)
- 15425 AUSTRALIA ABC, Perth at 0433 w/ABC mx(Murphy)Closing 1010, retune 9610 or 6140/
- 15430 S.KOREA VOFK at 1112 Eng to s/off 1130(Scoville)
- 15431v RUMANIA Bucharest 1300-1330 Eng to Eur //11940 new for the summer(Berghammer)
- 15440 PHILIPPINES FEBC 1345 t/i w/Eng rel pgms(Shaw)1530 mx(Glavich)
- 15445 JAPAN NHK to ENA 2345, //17825(Jeeves)
- 15455 USSR R.Stantsiya Rodina w/Russian tlk & mx 1830-2000(T.Jones)
- 15508v CHINA Peking 1100-1130 Sp to LA; new morning svc; see 15059(Berghammer)
- 15520 CHINA Peking 0040 t/i w/Eastern singing, anmts, ID 0055(G.Ferguson) (Sizer) /
- 15520 E.PAKISTAN Dacca w/Eng mx 0210(Jeeves)Native mx: pgm many nites 0130, Eng IDs /

- 15521v E.PAKISTAN Dacca at 1115 w/Urdu mx to W.Pak; sked 1030-1300(Berghammer)
- 16320 N.KOREA Pyongyang at 2300 w/anthem & Sp ID; fair sig(Barman)
- 17640 EGYPT Cairo 1555 Arabic, also on 17655, 17670 same time(Rowell)1430-1500, UNID, possibly Egypt, M&W w/talks in lang(T.Jones)
- 17710 USSR "R.Moscow" at 1800 w/mx in lang(Fortson)Eng 2119 w/mx to Afr; close 2128 (Leger)Eng to Afr 1545 w/cmtry(Jeeves)
- 17715 CUBA RHC in Eng to NA w/mx pgm 2113(Leger)
- 17720 TAIWAN VOFC 0200-0350 Eng tlks, mx, //15125, 15345, 17890; good(Rowan)Eng mx, mx 0300(T.Jones)S/on 0200, mx, cmtry, mx, past 0240(Driscoll)
- 17725 BRAZIL R.Universitaria Santos Dumont, San Jose dos Campos at 0009 Port ID, pops to Swedish ID 0025; QRM'd out by NHK 0034(Hirst)0155 Port ID after pgm of Eur. lite mx(Berghammer)Mx, Eng & Port IDs, asking for reports 0030; good lvl but heavy QRM from Paris 17730(Dexter)From 0007 after RFE s/off to 0056 when Japan's carrier got 'em; all pop mx & IDs every few minutes in Eng, Port, Swedish(Berg)
- 17742v IRAN Teheran 2000 Persian; also 1030 Persian, hets BBC; better modulated than last year. Not daily(Berghammer)
- 17745 AFGHANISTAN Kabul s/on w/stringed IS 1727, German 1730. Nx, pop mx, Afghan mx; into Eng 1800 to 1827 s/off, //15265 also hrd(Berg)
- 17750 VATICAN VR w/Eng talk 0055, //11725, 15165(Leger)
- 17770 ITALY RAI w/bird chirps, bells 2230, into Italian 2231(Leger)
- 17780A USSR "RP&P" w/Eng mx, tlk 1530-1550(Leger)
- 17785v EGYPT Cairo 1900-2000 s/off Fulani to Guinea Rep, mx: VOA(Berghammer)
- 17790 USSR Komsomolsk listed; piano mx 0344(Sizer)
- 17790 ETHIOPIA ETLF s/on Italian 0400; low level(Shaw)
- 17795 USSR "RP&P" w/Eng cmtry 1530-1600(T.Jones)
- 17800 W.GERMANY DW 0035 band mx, 0047 Ger dialogue, 0058 march, IS, ID, German mx (G.Ferguson)0025 Ger tlk & drama from Kigali(Sala)Which is it?(DF)
- 17820 AUSTRALIA RA 0330 IS, ID, mx; to E.Afr(Nienna)Play in Eng 0400(T.Jones)
- 17820 ENGLAND CBC w/Ger tlk 1745(Leger)
- 17820 TURKEY TAV, V.of Turkey; 1434 end letterbox pgm, Turkish mx; 1443 close w/Turkish amt & into Urdu(Hauser) (Rowan)
- 17825 BULGARIA Sofia w/Eng mx to Afr 2112(Jeeves)End Eng & begin Fr 1930, Eng 2100/
- 17825 NORWAY R.Norway at 1450 s/on lang; excellent lvl(Shaw)
- 17830 SWITZ SBC w/Arabic 1723-1730, ID, s/off 1730(Leger)
- 17840 CUBA RHC w/Eng 2108 w/LA mx; V.of Vietnam pgm 2110 to Eur(Leger)
- 17840 CZECH Prague w/Eng to Afr/Asia 1600(T.Jones)
- 17850 RUMANIA 0645-0715 English to Pacific from Bucharest(Rwoell)
- 17860 BELGIUM RTB at 2005, back on reg fqy in Fr; strong but noisy(Rowell)
- 17865 AUSTRIA OR at 1600-1800 Ger to S.Afr, ex 17880(Berghammer)
- 17880 ECUADOR HCJB w/Eng 1530 w/Song Time pgm(Leger)
- 17900 ECUADOR HCJB, 27 July, 2340 w/sked, talk, singing, ID 0000, orchestra, lang (G.Ferguson) Believe this is new fqy.(DF)
- 17945 W.PAKISTAN Karachi w/Eng mx at dictation speed 1335; good(Bruce) (Hauser)
- 21450 PHILIPPINES R.Veritas used as FTP for tlk w/Vatican 0630 re technical problems/
- 21460 ECUADOR HCJB w/Eng rel pgm 1245(Bruce)Eng ID 1759, into lang 1800(Leger)
- 21460 USSR Tula at 1505 w/Eng mx, 1510 item from Pravda, mx, Moscow ID 1522; mx in review 1527(G.Ferguson)
- 21480 S.AFRICA R.RSA at 1840 tune answering letters, 1845 ID & address, headlines, off 1849, to UK & Ireland(G.Ferguson)Eng mx: 1800(Leger)
- 21490 RSFSR(Eur) Tula listed, RP&P closing 1558(Hauser)Eng to SEA 1527(Jeeves)
- 21499 FRANCE ORTF off fqy, unsked here, Inter Varietes pgm 1510, hetting 21500, ID 1552(Hauser)
- 21514v PHILIPPINES(tentative) Believe FEBC is finally coming thru 0200 in lang, just above the noise lvl(Berghammer)
- 21535 S.AFRICA RSA to Afr w/classical mx 1513(Jamison)
- 21545 GHANA R.Ghana w/mx, Eng tlk 1445(Bruce)Eng mx: 1445, cmtry, dance mx, off 1515 (G.Ferguson, Jeeves, Lewis)

- 21560 ITALY RAI 1850 w/Italian tlk; sked 1830-1905 on 15400, 17770, 21560(G.Ferguson)
- 21580 FRANCE ORTF at 2015 w/Eng to Afr w/mx, cmtry, tlk, Afr mx, to 2100 s/off(Driscoll)
- 21580 EGYPT Cairo strong at s/on 1215, Indonesian, Koran chants(Padula)
- 21585 USSR Home Svc on new fqy strong 0730-0800, early August(Padula)
- 21610 ENGLAND BBC IS & s/on Eur Svc at 1545, into Greek(Jamison)
- 21655 NORWAY R.Norway in Norwegian 1827, ID 1830, s/off 1830(Leger)
- 21675 FRANCE CRTF 1505 Eng mx, ID songs, Fr anmts 1518 & past 1545 w/Fr & songs (G.Ferguson)Foreign Svc list but Inter pgm hrd 1505 w/Eng mx, wx, traffic, back into Fr(Hauser)
- 21730 NORWAY R.Norway w/Cultural Comments pgm 2017 in Eng(Leger)
- 1603 Eng tlk, folk mx, interview(Tuchscherer)Eng mx, cmtry 2000-2015, culture & views to 2030 on Sunday(Walenter)
- 21735 CZECH Prague w/IS 1629, open Arabic 1630(Leger)
- 24110 CHINA Peking in Unid lang 1350, weak, 2x12055, also audible(Hauser)
- 25790 S.AFRICA RSA w/rugby 1435 in Eng, //21535; 25790 off abruptly 1450, but 21535 ran past 1500(Jeeves)1415 soccer, closed 1450(G.Ferguson)
- 25840 VATICAN Used as PTF for link w/Veritas at 0653; weak(Hauser)
- 32540 CHINA China Press Agency w/dictation 1102, 2x16270 also hrd(Hauser)
- 34515 CHINA Chungyang JKT w/opera 0552, 3x11505(Hauser)
- 34955X CHINA Peking Sp 1100, fundamental not located(Hauser) What do you mean by "X"(DF)
- 35660 PHILIPPINES VOA 50 kw, Vietnamese 0445, 2x17830, also hrd(Hauser)
- 36045 CHINA Chinese dialect 1135, 3x12015(Hauser)
- 37846 CHINA Peking Cambodian 1050, no break 1100; 4x9461.5(Hauser) (Hauser)
- 46290 CHINA Peking IS, Eng 0830, noted portable on an A-2586 rcvr, likely 3x15430

These loggings above 30 MHz were made with an Allied PSB A-2586 rcvr. They indicate several distinct "R.Peking" xmtr QTHS.(Hauser)

- Rick Anderson, Ill., HQ-200
- Greg Barman, Ill., ?
- Jerry Berg, Colorado, SB-310
- Bill Berghammer, NY, R-4A, HQ-180C
- Robert Bruce, Scotland, Eddystone 940
- Ron Bruns, Mo., DX-150A
- Robert Byers, Ontario, GR-54
- Stanley Cabral, Calif., R-530
- Bill Caldwell, Calif., SW-4A
- Gregg Calkin, Ontario, SW-4A
- Bob Davidson, Ohio, ?
- Gerry Dexter, Wis., HQ-180, R-4B
- Dennis Driscoll, N.C., SPR-4
- Dan Ferguson, Fla., SB-310
- Grady Ferguson, N.C. SX-100
- Richard Fortson, Texas, HQ-180A
- Wallace Glavich, Calif., HQ-180
- Steven Handler, Ill., S-120A
- Glenn Hauser, Thailand, HQ-160
- Dick Heggs, B.C., SB-310
- Thomas Henry, NY., GR-54
- Terry Hicks, Fla., S-38B, Allied 2682
- Del Hirst, Texas, HQ-100
- Thomas Jones, Minn., DX-150A
- Steve Kamp, Calif., HQ-140X
- Edward Kelly, Pa., SB-310
- Craig Koukol, Ill., SX-130
- John N.Leger, KY., S-120A
- Kris Lemna, Ind., SB-310

- Ed Lewis, Ontario, ?
- Chris Lobdell, Mass., SW-4A
- Mrs. Mildred Marshall, N.D., SX-122
- Bill Matthews, Ohio, SS-IBS
- Ed McElwain, Colorado, Zenith
- Rudolph Menna, Pa., ?
- Henry Michalenka, RI., GR-54
- Richard Murphy, Texas, R-4B
- Bob Padula, Australia, CR-100
- Carroll Patterson, Ga., SX-99
- Ralph Perry, Ill., S-85
- Bruce Rowan, B.C., Nordemende
- Sam Rowell, Wash., DX-150
- Mario Sala, Calif., SPR-4
- Lawrence Scoville., Explor-Air
- Ed Shaw, Va., SX-130
- Al Sizer, Conn., HQ-180A
- Edwin Sloan, Ireland., RA17A
- John Soneff., La., HQ-180
- Bill Sparks, Calif., R-4B
- John Tuchscherer, Wis., HQ-100A
- John Walenter, Ill., SW-4A, SPR-4
- Jim Weber, Calif., R-4B
- Dave Williams, Oregon, SX-122, 75S-3c

 That's it this month. Watch those low fqys,
 some improvement already noticed on 60 m.
 73,.....Dan

IRAN 12176A R. Iran noted on new freq @ 1959, IS, ID by YL in English. (John Tuchscherer)...15090 R. Iran noted at 1815 in language, strong signals. (Grady Ferguson)...
 R. Iran noted moved to 15102A, 19 August, Persian at 1630, fair lvl. (Sam Rowell)

INTERNATIONAL WATERS RNI, 6210, heard 25 July, with good signal at 2223; Man DJ in English with R & R. Many IDs, asking for reports. (Lawrence Scoville, New York)

IRAQ Baghdad, powerful at 2235 on 7240, Arabic, new freq this time period, paralleling usual 7180. (Bob Padula)

ITALY RAI found on new 17775, ex 17770, ending Italian 0100, into Sp. (Bob Padula)

KOREA(N) Pyongyang again audible, 16320, Korean 0000-0100 with propaganda. (Al Sizer)

KOREA(S) VOFK lists in new sked rcd 17 August, a new freq 6135, in English at 0800-0830 to Asia; at 1100-1130 in GS paralleling 9640; 15430 listed 1330-1400 to Europe, in English; and, 0630-0700, on 15155. (August Balbi)

LAOS 7788 S.W. Siang Su San, believed Army HQ Station in Vientiane, national music, and IDs, 0557, 8 August; off at 0604. SINPO 54444. (Glenn Hauser, Thailand)

MALAYSIA BCBFES on new 17860, ex 17880, World Svc News 0000. (Bob Padula)

MEXICO 11720 Noted at 1840 in Sp with ID for "R. Mexico"; at 1845 anned freqs and mentioned 15125 freq. (Grady Ferguson)...XERMEX, R. Mexico, has finally been noted on 15124, 1800-1910, poor signals. (Dick Heggs)...15124 R. Mexico strong at 1830-1845, English news, WR, anned to Europe. (August Balbi)

NEETH ANTILLES TWR, Bonaire, 11785, possibly new freq, 0315 in English. (Jerry Berg)

NEW CALEDONIA Noumea, 7170, excellent 1045 in French, S/off 1100. (Dave Volle, Ill.)

NIGERIA 6035 R. Nigeria, Enugu, 0500 English ID & prgm, vy strong no strain signal. (Ernie Behr)...7306 R. Nigeria, 0500, but not parallel 6035, possibly Orlu. (Ernie Behr)

PAKISTAN Dacca on 17830, ex 17840, with local news 0800, native language; move possibly to avoid Delhi currently on 17840, to Australia at like time. (Bob Padula)

PERU 9625 R. Atlantida observed S/on at 1100 in Spanish by M amcr at vy poor, strain lvl readability. (Kris Lemna)

RYUKYU IS VOA Relay, Okinawa, 7165, fair to good in English at 1130 with science prgm. (Dave Volle)

SO AFRICA R. RSA 11875, will replace 5980, 9695, 9705, to N.A., from 2330-0320, as from 6 Sept., with word direct from station. (August Balbi)...Springbok, SABC, logged 0420 on 3250, with music and Cms in Africans. (Dick Heggs)

VENEZUELA R. Bolivar, 4772V, observed at 1011 with hard rock music. (Kris Lemna)...
 R. Valera, 4840, found at 1012 with Latin American music, M amcr, good lvl (Kris Lemna)

VIEHNNAM(S) VITVN, 7245, tuned at 1109, and noted with Far East music & pops, fair though QRM de AROs. List as tentative. (Kris Lemna)

HARMONICS 5180 THAILAND, THAI TV, Khon Kaen, (4x1295), American music at 0455, 13 August. 34343, here with distorted signal. On fundamental, barely audible. (Glenn Hauser)

CLANDESTINE CAMBODIA 9870 New station in Cambodian, observed at 0612-12 August, mentioning familiar Cambodian names, but also Mao Tse-Tung, Marxist-Leninist, Amerikan, etc, and Lon Nol-Sirik Matak (as a unit, which Hanoi does in English, as, "Lon Nol-Sirik Matak Puppet Clique"), so I believe this station is communist oriented. SSB QRM at times. S/off at 0702. Nothing on 7399 at this time. (Glenn Hauser)...9429 V. of Patriotic Militiaman's Front, So. Vietnam, with ballad mentioning Kampuchia, gongs and chirps, 0612; ID at 0616, 0618 into a commentary resembling Vietnamese. (Glenn Hauser)

JULY 1970: SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY, 8-4-70. 1-137, 2-153, 3-155, 4-159, 5-165, 6-161, 7-125, 8-115, 9-104, 10-90, 11-81, 12-74, 13-79, 14-68, 15-61, 16-61, 17-59, 18-56, 19-19, 20-92, 21-120, 22-122, 23-106, 24-110, 25-122, 26-138, 27-153, 28-146, 29-153, 30-122, 31-108 MEAN--112.5

PREDICTED: AUG-95 SEP-93 OCT-91 NOV-89 DEC-87 JAN-85 (Grady Ferguson)

ACKNOWLEDGEMENT: To all those who supplied material to make this month's column possible, a hearty, "Gracias". Without your support, this column would not exist. As we are approaching the DX season how about warming up the receiver, jotting down some loggings, and sending us a report. You will see your name here.

Flashes may be phoned to 882-3976 after 2100 GMT. See you next month, best of DX.