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NORTH AMERICAN SHORTWAVE ASSOCIATION

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MARCH 1970

VOL. IX NO. 3

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NASWA HEADQUARTERS POST OFFICE BOX 989 ALTOONA, PA. 16603
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"MULTI-FREAK RECEPTION"

One thing on our DX hobby which arises and distresses me very much, is multi-freak reception. That is, a series of unusual and irreproducible DX catches reported by only one DXer. From reading the bulletins of many clubs and from talking to DXers, I know that it exists on almost all bands. Often, the DXer who claims the unusual catches has little experience and/or a minimal receiver, but cases that don't fit this mould aren't hard to find, unfortunately. A lack of experience can sometimes explain a newer DXer's misidentification of stations, as we all know that our minds can add little bits of audio to what the static covers. So, cases of phoney reports range all the way from the simple mistakes of a beginner to blatant cheating by "experienced" DXers.

My purpose is not to point a finger at individuals or to start controversy over particular cases, but rather to suggest what the responsibility of the clubs (guess we'll be called the 'establishment' for this) is in cases of incorrect or imaginary reception. First, DXers who are straight may spend hours trying to log the unloggables (and simultaneously lose interest in DXing). Second, DXers should learn through reading club bulletins just which reporters are the reliable ones (a vast majority of reporters thank goodness). For example, when I read of several DXers independently hearing a great new catch, or of one giving a tip that helps others to log a difficult station, I am heartened. That, is the purpose of DX Club bulletins. When I read a list of bragadocious claims (often with 'QSLs' to back them up) that are unsupported either by reports of the same station(s) by other DXers or by propagation characteristics, I cringe. A person's credibility rapidly decreases as his phoney reports/catches increase. Third, most important, function of the clubs is to acknowledge that all tips are not correct. This could be done by encouraging editors to suggest alternative stations that may have been mistaken for the claimed freaks, or perhaps to mark obvious errors in receptions so that readers do not think that all tips in the bulletin are meeting the editors' criteria of validity. Recently a DXer submitted to a certain club, a list of invalid tips, but the editor nor members hid the errors nor chastized him; They pointed out the fallacies of his tips and suggested the reasons in print. A very mature manner in which to handle the situation, and a helpful way so as not to discourage the DXer involved. Finally, we should encourage all avid DXers to understand means of propagation of the wave bands listened to. An understanding of propagation would eliminate misunderstandings of reception.

(Continued on next page)

I do not want to suggest the "little tin god" approach by clubs or editors, but when an utterly outrageous series of tips is submitted, we cannot just overlook it. That is why I call this "Multi-freak Reception". It differs from simple mistakes and leads me only to the conclusion that it is premeditated by the DXer (if that term can be applied) Let him fool himself if he wishes, but let's not let him foist his fallacies on us. There are enough real stations to keep the rest of us busy hearing them. And the best ones are hard enough to hear with the best equipment. Gray Scrimgeour, Exec. Sec. ANARC

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NEW MEMBERS - WELCOME!

Robert F. Bowman, Roanoke, Va. Via P.E. '70 Communications Handbook.
Ira Wagner, Yonkers, N.Y. Via P.E. '70 Communications Handbook.
Kevih Kleman, Tigerton, Wisc. Via '68 P.E. Communications Handbook.
Steven J. Handler, Evanston, Ill. Via a friend and WRTH.
Jack L. Callaway, Knoxville, Tenn. Via an electronics magazine.
Barry Thedford, Greenbrier, Tenn. Via member Bob Thomas.
Clayton Baker, Belding, Mich. Via '69 P.E. Communications Handbook.
Jack Viroglio, Kenosha, Wisc. Via member Don Jensen.
Mark Wade, Manchester, N.H. Via member Roger Camire.

RENEWALS

Second year: Dr. Paul Steen, Larry Scoville, Steven Kruse, Ken Cummings, Mrs. Marion Ely, Frank Barrett, John Callarman. Third year: Alfred Lisanti, Roger Horie, Mike Willis, Doug Edmonds, Charles Orekar, Dr. Earl Hall, Tom Burnett, John Banta, Jan Tuner, Geoff Oates, Robert Peritz, Alan Roth, Rob Harrington, Petro Pryshepa, Jim Hurst. Fourth year: Mike Baker, Bill Flynn, H.M. Edwards Jr., Dr. William Caldwell, Frank Grochowski. Fifth year: Steve Bohac.

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

HELPING HAND SERVICE

Member Steve Bohac would like to buy back issues of Frendx. Is interested in all copies from July 1968 to January 1969. Get in touch by writing him at 97 Shaler Ave. Fairview, New Jersey 07022.
Member Jack Viroglio, 6935 French Drive, Kenosha, Wisc. 53140 would like to hear from other members who have Knight Star-Roamer receivers.

VOTING RESPONSE

Members reaction to election of 1970-72 Board of Directors is thus far favorable. Over one hundred ballots are already in. However there are still in excess of three hundred members who must act before the March 21st deadline. If you have not yet mailed your ballot, do so now!

THE SILENT MAJORITY

In regards to our request for someone to offer to handle orders for 1970 WRTH, only four members were good enough to come forward (Tony Marks, Oregon; Larry Zamora, Texas; Dan Ferguson, Florida; Aaron Bowen, No. Carolina). Hdqs sincerely appreciates the "heart" of these four, but was in hopes someone more suitably located (in order to cut down postal expenses) would volunteer. Alas this was not the case. As we view it from here, there are two ways of looking at the matter; Either most members already have their copies and do not care about other members, or they are disinterested in being of service to the club. End result is that NASWA will not handle the 1970 WRTH.

COMPETITION RESULTS

Contest Manager-George Schnabel, informs us that winners of the Winter '69 DX Competition were James W. Young (60mb) and Dr. Tom Williamson (90mb). Each receive a copy of 1970 WRTH. Our 'congrats' gents! George also relates that although number of entries were disappointing, members who did enter heard some good DX, logged some new countries. One entry was sent in by B.L. Manohar, India...all others were from North American members.
At present there are no plans being made for another contest, but George is open to idea's and suggestions. Interested? Finally, our thanks to all who did take part; Your support is appreciated and we wish you continued luck with your DXing.

Exclusive

THE LOUDENBOOMER REPORT

Exclusive

Every now and then my many travels bring me face to face with an interesting and/or unusual follower of our superb hobby. And that's the subject of this month's report.

I chanced to be in Marvalon, Ohio late in November so it was only natural that I decided to look up Myron C. Paperstock, the world's leading cardswapper. Myron stood there in the doorway after I'd rung the bell. He had 7 cards sticking out of his shirt pocket and casually flicked 2 W6 cards off his shoulder as I introduced myself.

"Well, well, ole Charlie Loudenboomer himself? In person? What an honor!" (I later learned Myron was a master at the art of the understatement.)

Once seated in Myron's shack...oh yes, he had a shack. I distinctly remember seeing a small white plastic Fotorola sitting on a corner table, just barely visible under a pile of Canadian cards.

"Myron, how do you do it" I asked. "How have you managed to swap close to a total of over 300,000 cards?"

"Well it hasn't been easy, that's for sure. They come in so fast that I can't get them filed away. Have to try to remember them all in my head. Returns however, are beginning to diminish."

"Amazing", said I. "Well how does the future look, if you can't keep up this rapid swapping pace?"

"Ah", glowed Myron. "Many possibilities offer themselves to someone with the long experience I have. For one, I'm about to go into the cardswap printing business. I figure that will not only make money for me, but will also give me a line on new cards in circulation. In fact I can get lots of new ones by just keeping one from each order and thereby save myself some postage."

"Amazing, what else?"

"Well do you realize nobody has ever swapped a card with the Maldives Islands, or Chagos, or Crozet Island? And I don't know how many more."

"Amazing, so...!"

"So? So I am going to go on a cardswapping expedition, that's what!"

"Amazing" I said. "But wouldn't that take a lot of your time? I mean you'd have to take up residence, let everyone know where you are, then wait for the cards to come in and then mail yours back out. Might take you a year or more for each Swapadition."

"Nonsense" replied Myron. "You get around that very easily. Simply make announcement before leaving, get list of swappers who want cards from Maldives for instance; Print up the cards, go to the Islands, fill them out and mail them. You could even fill them out ahead of time."

"Fantastic! You are really....."

"That's not all! It is high time somebody got some decent awards out for swappers too, and I am working on it. And do you know that our twon celebrates its 12th birthday this year? I'm getting a commemorative card made up. Might start a whole new trend. And what about the way hams chase counties...that would be great for swappers, except for me, I think I have them all. And what about swap bureaus, no the half-way ones we have around today, but 100% ones? Also, what about foreign swappers having US swap managers? Oh boy, I've got to get going on some of these ideas...wher's my pencil?"

He found his pencil..grabbed a W9 card and began jotting notes on the back. I could see I was to receive no more attention, Myron was too engrossed.

Carefully picking my way through a floor covered with XE, G, YV, ZL and dozens of other cards from around the world, my head spinning, I stumbled toward the door.

I hear the other day that Myron was getting set to leave on his first swapadition, to Byrd Station, Antarctica. One thing sure, he won't be likely to have any hot ideas while he is down there!

Charlie Loudenboomer

Have you a subject or topic you would like CL to elaborate on? Simply let him know by dropping him a letter c/o Headquarters. Only thing to keep in mind is that any/all the subjects or topics must be related in one way or another to the hobby.

THE
ANARC REPORT - MARCH

We lead off this month with a thank you going out to Don Erickson of IRCA who now mimeographs the monthly ANARC newsletter. In this connection, and while no official decision has been made, there has been some talk of making the newsletter available to individual DX'ers at a nominal yearly subscription fee. Planning for this possibility would be aided if NASWA members who are interested in subscribing would let their ANARC representatives know of their interest.

Two firm bids have now been made for the 1970 ANARC convention..one from The Batesville Short Wave Association of Arkansas, and one for a Chicago area site made by the NNRC's Amateur Editor Jerry Heien (actually Bellwood, Illinois). A vote on a convention site is expected to be taken next month.

A reminder that copies of the ANARC Abbreviations List are still available. \$1.25 to ASWLC, 16182 Ballad Lane, Huntington Beach, California, 92647 brings a copy of this 38 page list to you.

The new QSL Committee has begun work with initial contacts being made with Radio Iran, Radio Ankara and W.I.B.S. as well as Radio Damascus. Co-chairmen Kris Lemna and Ed Pyatt solicit your comments and suggestions. Kris lives at 2005 Concord, Muncie, Indiana, 47304 and Ed can be reached through Box 510, Morehouse College, Atlanta, Georgia, 30314.

The BCB Verie Committee continues its work with chairman Jerry Starr reporting recent success with CKDA, Victoria, B.C.

ANARC's liaison man with EDXC, Serge Neumann has asked to be relieved of his duties due to additional work and a move to a new location. No replacement in sight. Jyrki Talvitie, the new head of EDXC has expressed regret at Serge's resignation and pledges continued cooperation between the two groups.

A salute this month too, to WTFDA which is celebrating its second anniversary. They are developing a new reporting code for TV, based on the SINPC and SINFO codes. The TV'ers have come up with VAFI, for Video, Audio, Fading, Interference.

Barry Jones has resigned as GIDX publisher. Hal Morgan of California is expected to take over the job. The club missed an issue in the process, but made it up with a double size issue early in February.

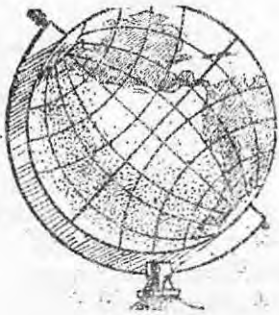
ANARC is now one month closer to a possible crisis. As yet there have been no nominations for the Executive Secretary position being vacated by Gray Scrimgeour this fall. Please, if you know of someone (perhaps yourself) with the interest, the ability and the time, contact one of your ANARC reps..or ANARC Headquarters.

Don't forget too..time is running out for the 1970 MOY* nominations. Deadline is May 1.

73 from

Del...Doug....and Gerry

* "Man of the Year" is nominated by members of ANARC affiliated clubs and is selected from list of nominee's by vote of special ANARC Committee.



SHORTWAVE CENTER

SPECIAL FEATURES

* * * *

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

Deadline 15th of Month

V U N C

Some 450 miles from the coast of the mainland portion of China lies the island chain of the Ryukyu's. One of the stations operating from the main island, Okinawa, is well known to shortwave listeners...this is the Voice of the United Nations Command. V.U.N.C., as it is commonly called, has a modern studio complex at Maschinato. Programs are transmitted from Deragawa on frequencies of 9915 and 14160 KHz. The power of each transmitter is 20 Kilowatts and the programs are beamed to the northern portion of Korea over three curtain rhombic antennas. Broadcasts are fed to Deragawa from Maschinato via land-line.

V.U.N.C. transmits for 15 hours per day (from 0600 to 2100 hours G.M.T.) in the Korean language. The purpose of the station is to further the objectives of the United Nations. These objectives are realized through the support of the U.S. Army and its 7th Psychological Operations Group, whose services are donated by the U.S. Government to the United Nations.

Typical programming runs from "Music for Listening" to such programs as "Marvelous World," "100,000 Questions", "Facts on Freedom", "Tidings from Seoul", and of course, commentaries and newscasts. Listeners may judge the effectiveness of such programming by merely listening to the tremendous wall of sound which the North Korean Government attempts to send out against the station!

The station verifies correct reception reports with an attractive QSL card done in shades of blue with the U.N. Emblem and "Voice of the United Nations Command" in bold letters. Reports (which may be taped) can be sent to Voice of the United Nations Command, Headquarters-7th Psyop Gp, APO San Francisco 96248.

VUNC is not limited to the Ryukyu Islands...it's history has led it from locations in Japan (JKK-Nazaki 6015, JBD-Nazaki 9505, and JBD2-Yamata 9560) in the mid-1950's, relays by NHK on MW frequencies.....to a station at Pusan, Korea on 4780 KHz. Currently, the only other VUNC outlets are in the Republic of Korea...on shortwaves, from Seoul on 2635 (300 Watts) and 3985 (300 Watts) with programs in Korean from 0800 to 0300 GMT. The Korean Broadcasting System relays the Korean site of the Voice of the United Nations Command on 6015 from 0600 to 0700 GMT (re-broadcast). The limited power of these VUNC outlets makes Okinawa the only hope for the overseas listener to receive this station.

Voice of the United Nations Command is a station on the frontiers of the free world - tune in and send a report soon!

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Our congratulations to HCJB in Quito, Ecuador, for receiving that nation's Decoration of Merit. Dr. Augusto Barreiro, Minister of Industry and Commerce, stated that, "HCJB is a model for the country. In its 38 years of service in Ecuador, HCJB has contributed greatly to the country's social, economic, educational, and spiritual development and good will among its people."

....ICB Bulletin via Rod Williams

THE BEGINNINGS OF
SHORT - WAVE RADIO

Richard L. Murphy

In recent years, the ever increasing amount of interference caused by more and more powerful transmitters on the shortwave bands lead us to think of the days before the giants were on the air - days when the Voice of America and Radio Moscow were not yet even dreams of broadcasters. Back to the days of local shortwave stations in the United States, PCJ in Holland, and almost free-from-interference bands. The year....1932, when even ace-DXer Arthur Cushen was still only a novice short-wave listener. Here are some of the more interesting stations heard in those months of 1932.

<u>Frequency (KHz.)</u>	<u>Call Letters</u>	<u>Location</u>
17775	PHO	Huizen, Holland
17630	FMW	Malabar, Java
16330	VLK-VK2ME	Sydney, Australia
15300	OXO-OXZ	Copenhagen, Denmark
15245	-----	Paris, France
15200	DJB	Koenigswusterhausen, Germany
15200	JLAA	Tokyo, Japan
15120	HVJ	Vatican City
15000	CM6XJ	Central Tuinmen, Cuba
14630	XDA	Mexico City, Mexico
14310	G2NM	Sonning-on-Thames, England
13940	YOL	Bucharest, Rumania
13010	FZG	Saigon, French Indochina
12500	CT3AQ	Funchal, Madeira
11993	RK6KZ	Makassar, Celebes
11810	I2RO	Rome, Italy
11801	UOR3	Vienna, Austria
11780	VE9DR	Canada
11705	FYA	Paris, France
11880	W9XF	Downers Grove, Illinois, USA
11700	YV4BV	Valencia, Venezuela
11111	XFD	Mexico City, Mexico
10755	CT1B0	Lisbon, Portugal
10350	ISX	Buenos Aires, Argentina
10013	CM2IA	Havana, Cuba
10000	-----	Belgrade, Yugoslavia
9870-9860	EAQ	Madrid, Spain

THE BEGINNINGS OF
SHORT-WAVE RADIO
(continued)

9672	TL4NRH	Heredia, Costa Rica
9616	VQ7LO	Nairobi, Kenya, Brit. East Africa
9590	PCJ (27 Kw)	Hilversum, Holland
9570	SRI	Poznan, Poland
9510	OXY	Skamleback, Denmark
9500	HSP2	Bangkok, Siam
9500	PRBA	Rio de Janerio, Brazil
9380	GMAP	Los Andes, Chile
9300	GNR	Rabat, Morocco
9130	EH9OC	Berne, Switzerland
9125	HAT	Szekesuchervar, Hungary
8955	TGX	Guatemala City, Guatemala
8570	RW15	Khabarovsk, Siberia, USSR
7612	X26A	Nuevo Laredo, Mexico
7530	----	Riobamba, Ecuador
7320	ZTJ	Johannesburg, Union of South Africa
7207	EAR58	Tenneriffe, Canary Islands
7195	VSLAB	Singapore, British Malaya
7055	VS3AB	Johore Bahru, British Malaya
6875	F8MC	Casablanca, French Morocco
6840	VRY (120 watts)	Georgetown, British Guinea
6420	RGX	Minsk, USSR
6380	HCLDR	Quito, Ecuador
6170	HRB	Tegucigalpa, Honduras
6129-6125	YV11BMO	Maracaibo, Venezuela
6120	W2XE	New York City, New York, USA
6110	VUB	Bombay, India
6065	SASH-SAJ	Motala, Sweden
6060	VQ7LO	Nairobi, Kenya, Brit. East Africa
6060	ZL2ZX	Wellington, New Zealand
6000	RW49	Moscow, USSR
6000	----	Tananarive, Madagascar
5714	HCJB	Quito, Ecuador
5692.5	TIUI	Tananarive, Madagascar
5515	VPX	Penaga, Penang S.S.

THE BEGINNINGS OF
SHORT-WAVE RADIO
(continued)

5172	OKLMPT	Prague, Czechoslovakia
5170	FMB	Socrabaja, Java, Dutch East Indies
4975	W2XV	Long Island City, New York, USA
4920	F8GC	Paris, France
4430	DOA	Doeberitz, Germany
4280	OHK2	Vienna, Austria
3998	PKLAA	Batavia, Java, Dutch East Indies
3750	I2RO	Prato Smeralso, Italy
3750	F8KR	Constantine, Tunis, French North Af.
3560	OZ7RL	Copenhagen, Denmark

These are only a few of the short-wave stations operating in 1932. What is not shown in the above listing is the large number of stations operating on shortwaves from the United States and Canada. No less than 35 stations utilized shortwaves to further extend their coverage area.

Notice that the stations tended to group in areas that are now the standard shortwave broadcasting bands. Such grouping was not required in 1932 - stations could use any frequency which they desired. Many operated irregularly or with very limited schedules. One station, VE9BY in Canada, operated only for one hour each week! Most powers were very low...a station like VRY in British Guinea with 120 watts was DX. There were no 100 Kilowatt stations around.

Much has occurred in the last 38 years, many of the stations above are no longer with us, but their efforts have provided a gateway to the world of shortwave which we know today. Gone are the days when you could hear regional stations in the USA, when HCJB was only beginning with 250 watts, and when PGJ's 27 Kilowatts was a powerful voice. Gone...but not forgotten.

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Information was obtained from Popular Electronics and Radio-TV Magazine....R. Murphy

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SOVIETS HIKE BROADCAST WAR

With a homemade antenna, the Russian tuned his radio through the jamming until he heard a familiar theme song - "Yankee Doodle Dandy". "Ah," he thought, "Golos Ameriki" (The Voice of America).

Small victories like this have stirred so much Kremlin concern that the Soviet press has launched a new campaign charging the Voice of America uses "lies, deceit, blackmail, and slander." A cartoon showed a snake wrapped around a microphone, with the caption: "Radio-activity." Despite the warnings and the jamming, the VOA's nightly mixture of news, jazz, pop music and features gets through to thousands.

The costly jamming, resumed in August 1968 during the invasion of Czechoslovakia, is most effective only against the strongest of 26 VOA frequencies beamed to the USSR.

SOVIETS MIKE BROADCAST WAR
(continued)

Use of special antennas and grounding the radio to a radiator help Russians pull in the weaker, unjammed signals. Another trick is to rewire the receiver to expand the number of stations it can receive.

Starting last fall, Soviet factories stopped making shortwave sets that can receive the 13 and 19 meter bands. "So I just built in my own 13 meter band," says one Russian with some knowledge of electronics. "Last July, when they were jamming especially hard, I was able to tune in the Voice's report of the Americans landing on the moon."

The VOA is trying to break through the jamming with three new transmitters boasting three times more power than before. Deputy Director of the USIA, Henry Loomis, was in Moscow in December and supposedly asked Soviet officials to stop jamming. He reportedly argued that VOA news and commentary programs are evenhanded and lack their previous cold-war tone. Apparently, Moscow's answer was "nyet", for the angry, pulsating buzz of the jamming continues.

VOA tells of matters Moscow wants to hush up - protest demonstrations inside the USSR and criticisms of Soviet policy by Communists abroad. One Western diplomat commented, "They resent the VOA's breaking their internal news monopoly."

Russians report that the jamming is concentrated in big cities such as Moscow and Leningrad, and that the VOA comes in loud and clear in the suburbs and vast rural areas. Georgians and Armenians, in the south, can get the Voice without any jamming. The VOA has one-hour broadcasts each night in the minority languages of these and four other Soviet areas. But the biggest effort is in the Russian-language service totalling 11 hours daily.

VOA's English language broadcasts have never been jammed. Many Russians who learned English in school are believed to listen at least occasionally. Others tune in this English-language service for its music. The most popular is "Music U.S.A.", a late-night program that includes 45 minutes of jazz. Its disc jockey, Willis Conover, is well known in the Soviet Union. When he visited the USSR last July during a film festival, he stirred almost as much interest as the film-stars.

His program is tape-recorded by budding Soviet musicians who want to learn from the jazz greats. In remote Alma Ata, near the Chinese border in central Asia, one youth was heard in a cafe playing a Thelonious Monk composition he learned this way. Some of Moscow's own radio programs have adopted a lighter tone, apparently to appeal to the more youthful listeners of foreign broadcasters.

Anthony C. Collings in the
Ann Arbor News.....via Peter
Campbell (adapted)

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Radio Beograd in Yugoslavia (Belgrade) has begun a new program for DXers and Shortwave Listeners. It is broadcast on the first Tuesday of the month in the second daily broadcast.

Yugoslav Radio....via Les Gaynor

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There are more than 500,000,000 working radio receivers in the world today. Missionary radio uses over 80 transmitters in about 50 locations to beam more than 5000 hours of programming to these receivers each week.

ICB Bulletin..via Rod Williams

ALL INDIA RADIO
Part II

Though broadcasting made its first appearance in India in the early twenties, its career as an organized system began in 1936 with the establishment of All India Radio. The history of Indian broadcasting is thus linked with the history of a momentous era - an era which saw the Second World War, the climax of India's struggle for independence, the dawn of freedom, and the first steps of a young nation on the road to fulfilment.

Starting with barely three broadcasting stations in 1936, AIR took early steps to extend its network to other major centres. A country of India's vastness and variety demanded a broadcasting service of tremendous proportions, entailing an enormous investment in material and human resources. These being scarce, AIR's initial plan of development represented a compromise between a first-grade, but limited-range, service on medium waves from nine transmitters, and a wider, though less intensive, short-wave service from five transmitters.

The first phase of AIR's expansion was hardly over when the Second World War broke out, imposing newer and far more pressing demands on the organization's means and capacity. Two significant developments during that period were: the starting of an External Service over two newly installed high-power shortwave transmitters, and the setting up of a Central News Service.

When the War ended, fresh thought was given to the pattern and pace of AIR's future development. But it was soon realized that all this had to wait till the question of India's own future - then under negotiation among the parties concerned - was finally settled. When these parleys ultimately led to the partitioning of the subcontinent in 1947, India was left with six out of the original nine broadcasting centres, the other three going to Pakistan.

The attainment of freedom gave a new impetus to the task of developing Indian broadcasting. The task was two-fold: to provide an effective countrywide service which would bring the radio within easy reach of the entire population; and to devise programs which would satisfy the basic needs and urges of all sections of a newly independent nation. However, the validity and urgency of this twin requirement had necessarily to be viewed in the context of the country's total requirements in various fields, and the meager resources available. It was against this background that a program of slow rather than precipitate development had to be undertaken.

With the launching of the country's first national Five Year Plan in 1951, the development of broadcasting was brought within the Plan's framework. At that stage, the primary service on medium waves was available to only about 21% of the population. By the time the first two Five Year Plans came to a close in 1961, 55% of the population had been brought within reach of the primary service, while a second-grade service on short wave was available in most parts of the country. The third Five Year Plan carried this process still further, 72.7% of the population was benefiting from the primary medium wave service as on 1 August 1968. At the same time, alternative program channels were provided in several areas, to satisfy a wider range of listening tastes and preferences.

At present AIR operates 36 principal stations, 28 auxiliary centers extending the coverage of the principal stations, and 28 centers carrying a parallel service of popular entertainment. The number of transmitters in use is 125, made up of 96 medium wave and 29 short wave transmitters. A television station in the capital of the country also forms part of the network.

With this network, AIR is in a position to serve nearly 72.7% of the country's population, now estimated at 530 million. However, this does not mean that such vast numbers are in fact enjoying the programs broadcast by AIR on the radio. This could only be possible when the number of radio receivers goes up enormously, from the

ALL INDIA RADIO
(continued)

present significantly low figure of 7,334,789 domestic sets and 70,485 community listening sets. The wide gap between transmission output and reception potential is symptomatic of most of the developing countries of the whole world where the per capita income is too low to allow the bulk of the population to utilize the radio for its enlightenment and entertainment.

The goals which AIR has set itself in the proposed Fourth Five Year Plan are:

- 1) Extension of the primary service on medium waves to about 80% of the population in each State.
- 2) Improvement and expansion of facilities for program production.
- 3) A more extensive and intensive service for rural audiences.
- 4) Introduction of a broadcast service on FM.
- 5) Provision of additional community receivers.
- 6) Installation of six more television stations.
- 7) Strengthening the External Services by adding two high-power short wave transmitters and two super-power medium wave transmitters, followed by two more high-powered short wave transmitters.
- 8) Extending and intensifying audience research activities.
- 9) Enlarging the scope of the Staff Training School and augmenting its facilities.
- 10) Providing greater facilities and resources for technical research.

AIR's program pattern combines three main elements....

A national channel providing programs of countrywide interest and significance,

A zonal service from each of the four metropolitan centers (Delhi, Bombay, Calcutta, and Madras).

Conscious of its role in a developing nation, AIR lays great emphasis in all its programming effort on themes and subjects which have a vital bearing on the people's welfare and progress in various spheres -- education, agriculture, health, science, industry, and technology.

Broadcasting may truly be said to have marked the beginning of an epoch in the history of Indian music. Before its advent, in many parts of the country classical music had been largely the preserve of the princely courts or the very limited elite class. With its emergence, there began a process of "democratisation" leading to an unprecedented interest in the forms and styles of India's ancient musical tradition. This upsurge of interest in its turn engendered a keener appreciation of the subtleties of this great art and a desire to study and practice it.

A major step towards popularising classical music was the starting in 1952 of a weekly National Program of Music which has been on the air ever since and has presented to a nationwide audience the leading exponents of the art.

Once every year, AIR organizes a week-long festival of music (Radio Sangeet Sammelan), which provides listeners with the opportunity to enjoy the renderings of noted vocalists and instrumentalists in the country. To encourage and build up younger talent, an annual competition is held before the festival. Discussions among musicologists on various subjects also figure in AIR's plans to sustain and promote interest in India's musical heritage. AIR's musical output also includes Western music which is mainly broadcast from the major centers and in some of the external services.

ALL INDIA RADIO
(continued)

AIR's External Services are radiated in 21 languages, for a total period of 43 hours and 5 minutes daily. They are mainly directed to East and South East Asia, West Asia, Africa, Europe, Australia, and New Zealand. An important activity developed in recent years is the supply of recorded programs on request, to foreign broadcasting organizations which want to use them for their home audiences with a view on acquainting them with the cultural and social aspects of life in India. Foreign educational and cultural institutions interested in India are also provided with such material whenever they ask for it.

Each External Service program is planned as a composite broadcast consisting of news, commentaries, reviews, features, documentaries, and music. The main objective is to project and explain India's viewpoint on important world issues as well as to provide a glimpse of Indian culture and traditions and her current plans of development in the economic and social spheres.

AIR's Commercial Broadcasting Service was inaugurated on 1 November 1967. Its object is two-fold: 1) to facilitate the advertisement of goods and services over wide areas, and, more especially amongst the masses, and 2) to augment resources for expanding the radio and television networks and improving the programs.

The Service is in its initial stages. At present, advertisements are broadcast in the Vividh Bharati Service on medium wave from Bombay, Poona, Nagpur, and Calcutta. Only spot advertisements are accepted for a duration of 75 minutes per day or 10% of the total time of the Vividh Bharati Service. The spots can be in any language of the advertiser's choice.

The Service has proved popular with advertisers and the public. The demand for time is far in excess of availability and a scheme for rationing of scarce time had to be introduced. Audience Research studies indicate that listening to Vividh Bharati is becoming more broadbased at places where commercials operate.

All India Radio radiates its External Services from transmitters at New Delhi, Bombay, and Madras. Regional Services are broadcast from Delhi, Lucknow, Simla, Bhopal, Hyderabad, Calcutta, Gauhati, Kurseong, Kohima, Bombay, and Madras. Reports are welcomed, whether written or taped. Reply postage is not necessary, but is advisable when an airmail reply is desired. For the most part, New Delhi verifies with attractive QSL cards, while the regionals confirm by letter. Reports should be sent directly to each station.

My sincere thanks to Dr. R. D. Jain, Listener Research Officer - External Services Division/AIR, for his help in the writing of this article. It is based on K.S. Mullick's "Broadcasting in India".

* * *

Next month in the Short Wave Center...
 -- the BBC (Biafra Broadcasting Corporation)
 -- FEBA, Seychelles
 -- The Future of Short Wave Broadcasting
 -- Commonwealth Co-operation in Broadcasting
 -- Changes at Radio Prague
 -- DX Atlas: New Hebrides

COERRCTION
CORRECTION

February SWC stated, in error, Radio Free Europe xmtrs were in West Germany and Poland. Please correct to read they are in West Germany and Portugal. (Richard E. Wood)

and more!

Your help is urgently needed in order that the SWC can compile all information possible regarding Radio Biafra and the Voice of Biafra. Send all articles to me by 17 March.

ALL INDIA RADIO UNDER FIRE

The Government-operated All-India-Radio (AIR) is under fire again this time from Congress leaders who have long defended it. Since Prime Minister Mrs. Indira Gandhi broke away from the original Congress Party, the remaining Congress leaders now agree that AIR should be taken away from the direct control of the Ministry of Information and Broadcasting and become an autonomous public corporation like Britain's BBC.

In the meeting of the 73rd plenary session of the "organizational Congress" - as this half calls itself, President Nijalingappa charged Mrs. Gandhi with using AIR to enhance her political position. "She cynically exploited the government media of mass communications for her own ends," he told the meeting. "It was a brazen-faced assertion of her personality cult organized with the full panoply of her vast authority in the government."

The charge that AIR is being used as an instrument of the ruling party is not a new one. Almost all the non-Communist opposition parties in Parliament have been insisting that AIR has been the Congress Party's propaganda machine for years. Now this same accusation is being made by the one time leaders of the ruling party, who since the split have now been reduced to a minority. They are now insisting that the recommendation of the Chanda committee that AIR be divorced from the Government be implemented.

Among the recommendations of the government-appointed committee was that AIR should accept commercials on its radio network so it could earn more revenue and present better programs. Despite strong opposition from Indian newspapers that ads on AIR would cut into their advertising revenue during an era of economic recession, the suggestion was finally adopted.

Filed and forgotten was a notation by the Chanda committee that it is not possible for a creative medium like broadcasting to flourish under a regimen of departmental rule and regulations. AIR can only be liberated from its present rigid financial and administrative procedures under the government by constitutional change.

The stakes on who controls AIR are high. The circulation of newspapers, most of which are owned by industrialists who are hostile to Mrs. Gandhi and her program of "democratic socialism," are small compared with the number of listeners to AIR. The government radio reaches millions of Indians who do not or cannot read newspapers but have transistor radios. These millions of illiterates can listen and understand, and what is more important, can vote. And since Mrs. Gandhi has taken her fight to the people, they mean her survival at the next national elections in 1972.

Meanwhile the government is so sensitive to any criticism of AIR that one American reporter, who wrote that the government radio slanted its news to favor Mrs. Gandhi during the parliamentary debate on the invasion of Czechoslovakia, was called in by the Foreign Ministry and told he was wrong. But a worse charge than that of slanting news is that AIR is dull, mainly because it does not attract talented newsmen. They do not wish to operate under the heavy yoke of bureaucracy and low pay.

Now that India will soon see the dawn of the video age with the launching of a satellite constantly hovering over the subcontinent, it is essential, media experts say, that both the radio and future television network be given their independence from the government. In this way, it should attract talented young people who will have the freedom to create interesting programs. And television is expected to have the biggest impact on the social structure of India since the invasions of the Aryans thousands of years ago.

Ernest Weatherall

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My sincere thanks to The Christian Science Monitor for granting us permission to use Mr. Weatherall's article, "All India Radio Under Fire". Also, thanks go to Richard Anderson for passing on the original article to the SWC!

* * *

Mr. I.K. Gujral, Minister of State for Information and Broadcasting, informed the Lok Sabha that the External Services Division of All India Radio will shortly start broadcasts in the Malay language. Steps are also being taken to start services in Vietnamese, Laotian, and Cambodian languages. A proposal to start a service in Japanese is also under consideration.

"India News" via Richard Anderson

* * *

USING SOUNDERS TO
FIND A GOOD FREQUENCY

Cal Cornils

One of a broadcaster's biggest headaches is finding a good frequency to transmit on. Out of the pool of frequencies available to him and approved by the international authorities, some will have interference and will thus be unusable. Of the rest, which ones are best to reach the target area with the strongest signal? He has predictions, of course, but predictions can be wrong. For him, an ionospheric "sounder" can be a valuable station accessory.

A sounder is a low-powered transmitter designed to measure the characteristics of the ionosphere. It differs from regular broadcast transmitters in that it emits very short pulses of energy (less than 1/1000 second long) and can change frequency very rapidly. The simplest type of sounder consists of a pulse transmitter, an appropriate receiver, and an antenna pointing straight up - hence this type is known as a "vertical" sounder.

Pulses from the transmitter travel to the region in the atmosphere 40 to 200 miles above the surface where reflections may occur - the ionosphere. If enough charged particles (ions) are present, the signal will be reflected back down and can be heard by the receiver a very short time later. The distance to the reflecting layer can be found by accurately measuring this interval between the time a pulse is transmitted and the time it returns to earth. This principle is the same used by Radar, except that the frequencies used here are much lower. Naturally, the strength of the received pulse is a good indication of the reflecting quality of the layer. Since 2 or even 3 separate reflecting layers can be present, the operator may see more than one pulse coming back. This will tell him whether multiple layers are present, and if so, how well they can each reflect a signal. The presence of more than one reflecting layer can seriously distort the quality of modulation.

Some frequencies will reflect from the ionosphere more readily than others - some will not reflect at all. To explore all the possibilities, the broadcaster can sweep the frequency of his sounder automatically across any frequency spread he desires. He then eliminates all frequencies in which no signal can be reflected. This procedure is used by the National Bureau of Standards to provide data for propagation forecasts.

A sounder, then, gives to the broadcaster a "real-time" picture of the ionosphere's ability to reflect signals.

* * *

Thanks for the interesting article! I'm sure NASWA members found it as interesting as I did.

REGRETS and APOLOGIES! Other material scheduled for the SWC this month must wait till next time. See you then.....



NEWSROOM

ROBERT HAGERMAN*EDITOR
475 WILSON STREET
HEMLOCK, MICHIGAN 48626

Deadline 15th of Month

Radio ELWA, Monrovia, Liberia, has this sked in effect, dated Jan. 1970: on 4770:0615-0815, 1645-2300 (2315 on Sat.) (0745-2300 on Sun.) in English, French, and West African languages; on 3225:0610-0815, 1630-2215 (0615-1115, 1630-2215 on Sun.) in Liberian languages; on 11950:0600-0745 (0800 on Saturdays; 0600-1200 on Sundays) in English, Ewe, Twi, French, and Fulfulde; on 11975:1200-1300 (1400 on Saturdays) (1200-1330 on Sundays), 1645-2100 (1600-2100 on Sundays) in Hausa, Igala, More, and Yoruba; on 15155:1715-1900 in Congo languages, French; and on 15095:1900-2230 in Arabic, French. (ELWA via Jim Weber, California; Terry Hicks, Florida; and Robert Byers, Ontario)

Radio Nederland, P.O. Box 222, Hilversum, Holland, which weekly features their excellent "DX Jukebox" on Thursdays (Fridays GMT at 0200 and 0500 GMT) (which ANARC and our own NASWA's Glenn Hauser has a regional DX report for NA, with many loggings from "FRENDX" included) will start a 12-lesson antenna course from March 5. Printed texts and diagrams are available free of charge. If you write to DX Jukebox, Radio Nederland (above address), the first four lessons will be airmailed to you. Their courses in the past have all been excellent, as this one will be. (Direct from RN and via Dick Heggs, British Columbia) See elsewhere in this month's NEWSROOM for Radio Nederland's sked. (Ed.)

According to Dan Henderson, monitoring on 4845 reveals that Radio Botswana has an English nxcast at 0420 on weekdays, but it's in Setswana on weekends. (Henderson, Md.)

According to a recent NEWSWEEK article, "Radio Liberation, the clandestine broadcasting station of South Vietnam's National Liberation Front, recently increased the number of its shortwave transmitters from two (2) to five (5). The station, which calls itself 'The Voice of the Provisional Revolutionary Government of the Republic of South Vietnam', reportedly broadcasts from Cambodia. It's new English programs urge GI's to protest U.S. involvement in Vietnam." (NEWSWEEK magazine) (Ed. notes: After reading the first sentence of this article, I thought that it was the Voice of the South Vietnamese National Liberation of Front, heard last year on 10020 kHz, usually with programs in Vietnamese. But the ID given in the article places (in my mind, at least) some doubt as to what station it actually is. And, the sentence "It's new English programs..." also make me wonder as the station on 10020 had weekly English broadcasts on Saturday from 1315-1330. Which makes me ask: are they the same station? Any answers appreciated. In case it is the same station, and someone hears them, the address as it appeared in NASWA last year was: Gai Phong Radio, c/o Pham Van Chuong, Press Attache, Du Front National de Liberation du Sud Vietnam en Tchechoslovaquie, Ne Kazanka 7, Prague 1, Czechoslovakia. (NASWA/FRENDX)

REPORT TO NEWSROOM REGULARLY.
YOUR SUPPORT IS IMPORTANT.

Radio Station "Peace and Progress", Moscow, U.S.S.R. (but, like other Soviet foreign services, uses transmitter sites in all of the Soviet republics) sends this sked, dated January 1970: English: to Inner Mongolia from 1030-1100, 1530-1600 13, 16, 19, 25, and 31 meter bands; to Africa: 1430-1500 on 13, 16, 19, 25 and 49 m.b.; Latin America: 0000-0030 (Wednesdays and Saturdays) on 25, 31, 41 m.b. Also to LA: Creole from 0030-0100 on 19, 25, 31, 41 m.b.; Portuguese from 0030-0100 in same m.b., also Spanish from 0130-0200 and 0400-0430. Guarani is from 0030-0100 on 25, 31, 41 mb. (Direct from R.St. "Peace and Progress")

Osterreichischer Rundfunk, P.O.Box 200, A-1043 Vienna, Austria, sends this sked, in effect to May 3: to NA: 2300-0400 on 6155, 9770. Europe: 0400-2305 on 6000; 2000-2200 on 11925; 1000-1200 on 9770; 0400-0700 on 7245; 1300-1500 on 11785; 0700-0900 on 7245; 0500-1300 on 6155; 0900-1300; 1300-1700 on 9770; 1500-1700 on 11785; 1700-2000 on 6155; 2000-2200 on 7180. Central Am.: 0000-0200 on 15145; S.Am.: 2300-2400 on 9525; 0200-0400 on 11875; 1800-2100 on 15210. To Af.: 0800-1200 on 17855; 1600-1800 on 17880; 1800-2000 on 15200; 0600-1000 on 15410; 1700-2000 on 9610; to Australasia and Asia: 0400-0600 on 17725; 1400-1600 on 17780; 0600-0800 on 21670; 1200-1400 on 11870. (Direct from OR via HDQS.)

Question: What was the Tropical Radio Telegraph Company (commercial ptp) in Managua, Nicaragua, doing testing on lower SSB on 1/25 on 4900 kHz (+10 kHz also) at 0510? This is regional broadcasting territory. (Dan Henderson via monitoring)

Rumors again? According to a reporter in England, the Hellenic National BC Institute in Greece has ordered two SW xmtrs of 100 kw. (Richard C. Mallett, English, in SCDX'ers bulletin #1055)

Malawi again? In an updated sked, dated January 29, the 1600 s/off on 5995 is confirmed. 0257-0700 (0357 on Sunday) on 3380 w/20 kw. 0530-1600 on 5995 w/10 kw. And, from 1400-2110 (2210 on Saturdays) on 3380. This for Radio Malawi, P.O.Box 453, Blantyre. (Direct from RMal.)

According to world-known South African DX'er Richard Ginbey (who has a monthly Radio Safari program over Radio Portugal), via NASWA's own Ed Shaw, Radio Botswana is going to 100 kw. in late 1971. (Richard Ginbey/Ed Shaw) (Ed.note: Let's hope they verify better then.)

In the February bulletin of the Radio Canada Short Wave Club; the CBC International Service of Radio Canada, "Now there are about 150 countries with international broadcasting services and Canada has slipped out of the top 50 in terms of number and power of transmitters." (RCSWC) (Ed.note: I was somewhat surprised at reading this; it just shows how much power, power, power! there is on SW bands now.)

Radio Tahiti sends this sked: Mon.-Sat.: 1615-1830; 2100-2330; and 0300-0800, all on 6135 and 11825 (both 4 kw.) On Sunday, from 1900-2330 and 0300-0800. Programs are in Tahitian and French. (R.Tahiti via Al Sizer, Connecticut)

Radio Universidad Potosina, San Luis Potosi, Mexico, is on daily from 1500-0700; and on Sundays from 1800-0300. They use 1 kw. on 6045 kHz. All programmes are in Spanish, with no commercials, many educational subjects, and a heavy schedule of excellent music. (R.Univ.Potosina via Bill Caldwell, California)

For Radio Pakistan's xmtrs at Dacca (in East Pakistan, which counts as a separate country from West Pakistan), the mailing address is: 20-Green Road, Dacca-2; and the Installation Engineer is M. Habbullah. (R. Pakistan Dacca via Bob Fisher, California)

The Greek Armed Forces Radio Station's sked hasn't changed since publication in the December 1969 NEWSROOM, that is: from Athens on 6045 from 0430-0000; and from Serrai on 5955 from 0500-0800 (Sunday 0800-1000); 1000-1300; and 1500-2000. (Greek AFRS via Gregg Calkin, Ottawa, Ontario)

Also in Greece, the government's own National Hellenic Broadcasting Institute, with headquarters in Athens, sends this sked: 0700-0815 (0550 on Sundays); 0900-1000 (except on Mondays); 1030-1300; 1930-2100; 2200-2230; and 2300-2330, all on 9605 and 11720 kHz. 1330-1515; 1630-1700; and 1830-1900 on 7295 and 9605 kHz. And 1730-1800 on 11720, 15425. (NHBI via Bill Martin, Delaware)

FEBA - Seychelles. According to Mrs. John Wheatley, program director, FEBA-Seychelles transmitter has been down since mid-Jan. due to a short-out in their high voltage transformer. This in a letter to Ed Shaw. There have been NO transmissions. The transformer was to be rewound and was due back on the 12 or 13th (of February). They then would need time to re-install the transformer and would probably be back on the air with tests during the third week in February. They presently use a 2 kw. transmitters with a rotatable log peridodic antenna for bearings 35° to the Indian sub-continent, and 335° to the Mid-East. A sked, good through March: 11760:0030-0200 to India; 15185 at 0200-0330 to India; 0330-0500 on 15185 to Mid-East; and 1300-1630 on 15265 to India. (Top of next column)

A power increase to 40 kw. is planned soon and first tests will be about 3 May 1970.

They will QSL correct reports, and Mrs. Wheatley advises that reports don't have to be sent registered or other special way as all mail is forwarded from Mombasa, Kenya, and that the mail system is secure. IRC's are a must, as they are a religious foundation with no government or commercial ties. Recorded tape reports are welcome, at any speed, any size, up to four tracks. (FEBA - Seychelles via Ed Shaw, California)

The Far East Broadcasting Company, Manila, Phillipines, lists these xmtns in their programme sked (All English): on 17810 or 17850:2140-2345; 0200-0535 (to 0900 on Sundays); from 2330-0100 on 11855, 15385 (or 15415 or 15440); 0100-0200 on 21515, 15385, and 15235 or 15300; 0200-0300 on 15415, 21515; 0830-1145 on 7225, 15235 or 15300, 15385, 17850, 11890, 1145-1245 on 15235, 7225; 11920; 1524-1530 on 15440, 11920; and 1530-1630 on 15440. Address is: Far East Broadcasting Company, Box 2041, Manila, Phillipines (FEBC via Richard Murphy, Texas)

The "Voice of Vietnam" in Hanoi announces that they have English daily at 0500, 0830, 1000, 1530; and 2300 in 25 and 31 meter bands; and at 2000 in the 19 m.b. Exact frequencies weren't given, but one observed frequency is 10040 at 1530. (Robert Fisher, California)

Radio Brazzaville, Congo Rep, (which is now Congo People's Republic, totally Communist with the "Internationale" for an anthem, and a red flag with soviet symbol on it, according to Ed Shaw) has English bc's Saturday and Sunday only from 0500-0630; 0700-0745; and 1100-1130 on 11970 and 15445 kHz. (RBrazzaville via Bill Caldwell)

Radio Zambia is supposed to receive two (2) more 50 kw. transmitters from Peking. (Ed Shaw/Richard Ginbey)

Radio Nepal (Kathmandu) is being heard fairly well by Dan Henderson on 11970 kHz. Dan says the best time to try is on Sunday (GMT) from 0120-0200 when stations normally on 11965 and 11965 are off the air. They play a lot of very exotic-sounding local music. (Dan Henderson, Maryland) And Ed Shaw in California also reports good reception around 0120 on 11970. So if you need Nepal, the time appears to be best right now. (Ed.)

The Voice of Turkey's English broadcast is now being received very well in NA. It's from 2200-2230 on 15160, and, according to the announcements, is directed to Northern North America, Australia, and New Zealand. (Announcements via Steve Allen, Massachusetts; and via Terry Hicks, Florida)

Radio RSA, South Africa, now directs broadcasts to NA from 2330-0020; 0030-0120; 0130-0220; and 0230-0320, all on 11875, 9705, and 9695 (replacing 9715). Other English broadcasts (foreign): Australasia: 0800-0850 on 17815, 21545; 1000-1050 on 21545, 17815, 15220. (Direct from R. RSA and via Kevin Kleman, Wis.; Dick Heggs, B.C.; and Doug Lechleiter, Kentucky)

Another good month for NEWSROOM, with many offbeat articles and skeds finding their way into our pages (with your help, of course). Contributors this month:

- Stephen Allen, Massachusetts
- August Balbi, California
- Bob Briggs, Massachusetts
- Bob Byers, Ontario
- Bill Caldwell, California
- Gregg Calkin, Ontario
- Bill Eddings, Pennsylvania
- Robert Fisher, California
- Dick Heggs, British Columbia
- Dan Henderson, Maryland

- Terry Hicks, Florida
- Jack Hudson, Alabama
- Kevin Kleman, Wisconsin
- Doug Lechleiter, Kentucky
- Bill Martin, Delaware
- Richard Murphy, Texas
- Ed Shaw, California
- Al Sizer, Connecticut
- Jerry Stuart, Oklahoma
- Jim Weber, California

Thanks all, keep these reports coming. Until next month, 73 de Bob

An updated Radio Australia-1a/Darwin booster sked has been received: SUNDAYS only on 17715 from 0030-1000; 15355 from 2300-1230; 15130 from 2300-0030; those are English. 9650: Thai, Vietnamese from 1230-1430; and 6055 in Indonesian, Chinese, from 1000-1430. All 250 kw. On weekdays, all frequencies s/on at 0830. (R. Australia via August Balbi, Cal.)

Radio Botswana signs-on at 0400 on 3356 and 4845, both 10 kw. (Ed Shaw/Richard Ginbey)

Radio Australia's English broadcasts to NA are on from 0100-0300 on 15320, 17820, 21740 kHz. (Announcements via Dick Heggs)

Radio Ghana has these English transmissions: NA: 2000-2100 on 9760 and 11850. 2045-2215 on 9545, 11825. 1445-1530 on 17870, 21545. 1400-2215 on 6130. 1400-1430 on 17870; 1445-1530 on 21720; 1645-1730 on 15285; 1815-1900 on 15285. (R. Ghana via Richard Murphy)

Radio Clube de Mocambique has a new Beira transmitter, to go into operation in April. Power will be 10, 25, and 100 kw. No frequencies announced yet. The international service from Lorenc Marques on 41 meters is going to 100 kw. during the daytime "B" program. (Ed Shaw/Richard Ginbey)

QSL REPORT



GREGG A. CALKIN
NASWA QSL EDITOR

131 COOPER ST., APT. 903, OTTAWA 4, ONTARIO, CANADA

Deadline: Fifteenth

* * * * *

NEWS AND NOTES

An excellent publication entitled SWL ADDRESS BOOK, by Mr. J. C. Gillespie has recently been published by Gilfer Associates, Box 239, Park Ridge, New Jersey 07656 and contains a world listing of SWBC stations, addresses and information on QSLing policies, types of reports required, tapes etc. A very comprehensive work, your editor recommends it to all members. The cost of this 64-page book is only 2.95 plus .25 for postage.

Radio Canada announced a new QSL card will be issued from February 25th, a special anniversary card commemorating 25 years of broadcasting from the CBC International Sce.

HCJB announces that during 1970 four different QSL cards are to be available - they will be typical scenes of Ecuador and each will be in color. They include:

Jan-March: Church of Guapulo in the Mountains, one of the oldest in Ecuador.

April-June Two boys on a donkey in banana country, near the city of Quevedo.

July-Sept: A verdent Ecuadorian valley with 20,600' Mt. Chimborazo and also Mt. Carihuairazo in the background.

Oct.-Dec.: Hacienda workers in the Los Chillos Valley.

The cards will not be available until the date of issue, but previous cards may be obtained while supplies last. 3 IRCs are necessary for an airmail reply, and only 5 kHz variance allowed in the frequency. The meter band alone is not accepted. Thanks to Bill Eddings for this information from HCJB.

Radio RSA has announced that due to circumstances beyond their control there will be a delay in the release of their new QSL card, originally scheduled to be released for their contest last fall. The DX Editor, Leo van der Walt says that contestants will receive them as soon as possible and other DXers may apply for them following their release.

Newsroom Bob Hagerman has made a point in a recent letter to your editor which is worthy of mention here. Bob mentions that in regard to the pennant list (See last month's QSL REPORT) there are one or two considerations the DXer should keep in mind. In many instances the pennant is an added reward for an exceptionally good reception report, and should not always be expected. As a result, several stations keep only a short supply on hand and do not wish to be deluged by requests. Your editor would also add to this that they are often sent only to members of the stations DX Club, in response to a contest, or as a result of a DXers prolonged efforts on a Monitoring Panel. So, while its certainly worthwhile to know which stations have issued them, its also useful to realize why they have been issued. Thanks Bob! And now to the ScoreBoard.....

SCOREBOARD

N°.	Name/Location	HIC/VIC		HIS/VIS		ASIA HIC/VIC		ASIA PRIZED QSL/kHz.
1.	Don Jensen, Wisconsin	198	194	---	---	57	55	Dili, Timor, 3268 kHz
2.	Bob Padula, Australia	198	185	---	---	62	57	Burma Bcing, 5040 kHz
3.	Barry Williams, New Zealand°	198	183	---	---	58	54	Quetta, Pakistan 3915
4.	Gerry L. Dexter, Wisconsin	189	186	767	538	50	49	R. Sanaa, Yemen 5805
5.	Dan Henderson, Maryland	181	150	---	---	52	40	ZBW3, R. Hong Kong 3940
6.	Dr. T. B. Williamson, Ontario	180	168	---	389	--	--	-----
7.	Roger Camire, New Hampshire	180	107	---	---	49	18	BBC Malaysia, 11830
8.	Bill S. Sparks, California	179	175	---	432	56	52	Dili, Timor, 3268 kHz
9.	Marlin A. Field, Michigan	179	170	604	460	44	41	RRI Sorong, 4872 kHz
10.	Alan H. Roth, Connecticut	177	161	479	363	48	37	Voice of Goa, 15385
11.	Wendel Craighead, Kansas	176	155	---	---	51	43	ROMG, Neth. New Guinea
12.	Robert Shepherd, Australia	166	148	---	---	--	--	-----
13.	Edward Shaw, California	164	133	368	167	50	35	R. Hong Kong, 3940
14.	David L. Potter, Florida	160	---	395	---	47	--	R. Nepal, 11970 kHz
15.	Dan Ferguson, Florida	160	---	---	---	46	--	-----
16.	Alvin Sizer, Connecticut	153	117	326	127	41	27	Kabul, Afghanistan
17.	Arthur Poulis, Massachusetts	150	107	---	---	40	26	Radio Nepal, 11970 kHz
18.	Del Hirst, Texas°	150	104	341	108	44	26	RRI Sorong, 4872 kHz
19.	Kris Lemma, Indiana	149	99	---	---	29	17	-----
20.	Bruce W. Churchill, California	147	121	---	---	48	38	Radio Nepal, 4600 kHz
21.	Don W. Billingsley, California	145	112	---	---	45	31	Burma Broadcasting 5040
22.	Bob Hagerman, Michigan	139	111	371	157	35	25	VOA Dodecanese Is 11710
23.	Craig Koukol, Illinois	139	100	205	108	38	23	R. Wewak, 3335 kHz
24.	Mike Macken, Massachusetts°	138	78	---	---	30	9	R. Pakistan, 17945 kHz
25.	Chris Lobdell, Massachusetts	135	106	300	202	35	26	Doha, Qatar, 9570 kHz
26.	Michael G. Kamp, Texas	129	113	232	156	35	27	R. Afghanistan 15265
27.	Richard Anderson, Illinois	128	103	---	136	32	27	Doha, Qatar, 9570 kHz
28.	Gregg A. Calkin, Ontario only	127	73	153	77	31	16	CBG/Colombo, 15120 kHz
29.	Bruno Colapietro, New York°	125	113	210	183	28	22	Saigon, Viet-Nam 9620
30.	Bill Eddings, Pennsylvania	122	103	168	151	28	21	Ulan Bator, 10885 kHz
31.	Bill Martin, Delaware	115	62	170	69	28	11	BBC Cyprus, 7140 kHz
32.	Richard D'Angelo, New York	113	65	---	---	27	11	Kabul, Afghanistan
33.	Terry Adkins, California	112	55	134	61	--	--	-----
34.	Richard L. Murphy, Texas	108	83	190	119	28	17	Radio Sabah, 4970 kHz
35.	George Schnabel, New York°	106	86	---	---	24	17	-----
36.	Andrew Pappas, Illinois	105	93	113	94	--	--	-----
37.	David R. Alpert, Illinois	104	88	---	---	15	12	Amman, Jordan 7155 kHz
38.	Al Reynolds, North Carolina	102	72	152	85	26	12	HSK9, Bangkok, 11910
39.	Steve Kamp, Texas °	99	85	241	127	21	11	R. Brunei, 4865 kHz
40.	Barry Glassberg, New York°	98	75	164	90	23	12	Hanoi, Viet-Nam, 15015
41.	H. Price Kagey, Pennsylvania°	97	86	92	59	26	25	VTVN, Saigon, 7245 kHz
42.	Richard S. Heggs, British Col.	94	73	128	88	23	18	R. Singapore, 11940 kHz
43.	Norman Jacobson, Wisconsin°	92	82	115	90	22	17	VOFK, Seoul, 15430 kHz
44.	Thomas B. Alleman, New York	91	79	117	99	12	10	R. Ulan Bator, 7260 kHz
45.	Thomas Henry, New York	91	59	---	70	--	---	-----
46.	Dennis P. Driscoll, N. C.	90	60	150	85	6	2	Ankara, Turkey, 15160
47.	Tom Upton, Texas	89	70	153	106	16	9	R. Wewak, 3335 kHz
48.	John Zaharek, Connecticut°	88	77	142	106	14	11	VOFC, Taiwan, 15125
49.	Henry Michalenka, R. I.	88	71	124	81	17	12	VLT4, Port Moresby 4890
50.	Bob Kirkpatrick, B. C.	88	71	97	79	25	16	Kol Yisraël, 9009 kHz
51.	Charles J. Artiss, Michigan°	87	71	148	--	18	12	VLT4, Port Moresby 4890
52.	Michael J. Seth, New York	87	49	119	51	8	4	V. of Viet-Nam 11840

53. James S. Hurst, Maryland	86	75	103	83	15	7	Kabul, Afghanistan
54. Stanley D. Mayo, Maine°	85	79	---	---	20	17	R. Ceylon, 15230 kHz
55. Jim Homan, Mo.°	84	67	120	82	17	11	Radio Wewak, 3335 kHz
56. Joseph A. Breton, Massachusetts°	84	64	---	---	20	16	Kol Israël, 9725 kHz
57. Harry Smith, Ohio	83	75	---	---	18	14	AIR/India, 15265 kHz
58. Dr. Wm. G. Caldwell, California	83	67	---	---	15	15	Karachi, Pak. 11920
59. Ron J. Ponke, Michigan	83	33	114	38	12	4	ABC, Papua, 4890 kHz
60. John Mraz, Pennsylvania	82	61	111	71	22	9	R. Pakistan, 15325
61. Bruce Reynolds, Missouri	80	69	---	---	15	12	R. Tashkent, 9600 kHz
62. Kevin Brown, Michigan	79	57	140	69	14	5	ABC, Papua, 4890 kHz
63. John W. Hartman, New York°	79	57	107	84	19	13	BBC/Malaysia 11750
64. Dan Trigilio, Connecticut	78	13	---	---	15	1	Tashkent, Uzbek 11900
65. Jerry M. Stuart, Oklahoma	77	62	---	89	12	10	FEN Tokyo, 15260 kHz
66. Kim Elliott, Indiana	76	51	106	60	17	6	Hanoi, Viet-Nam 11840
67. Tom Walsh, Massachusetts	76	25	97	25	16	5	BBC/Malaysia, 15435
68. Carroll R. Patterson, Georgia	75	62	143	78	---	---	-----
69. David Volle, Illinois	75	56	105	67	14	9	Radio Kuwait, 15435
70. Ken Lyon, New York	74	64	98	71	16	12	AIR/Delhi, 15205 kHz
71. Bruce Goldman, New York	74	56	97	70	9	4	TAQ Turkey, 15160 kHz
72. Alan Jeeves, Penna.	74	20	108	21	12	4	Radio Iran, 15135 kHz
73. Robert Moser, Illinois	73	56	---	84	17	10	VOFK, Seoul, 15430
74. David M. Baltimore, Pennsylvania	73	55	---	---	16	9	Radio Japan 15135 kHz
75. K. Stenson, Vermont	73	34	49	37	---	---	-----
76. John W. Banta, New York	72	54	83	64	16	11	Radio Pakistan 17945
77. Michael Silverstein, New York°	72	50	87	60	11	5	Radio Pakistan 11875
78. Donald F. Herbert, Pennsylvania	72	45	---	---	7	5	Radio Japan 15135 kHz
79. Scott Moeller, Pennsylvania	72	41	85	47	16	4	VOFC, Taipei, 15125
80. J. D. Thornton, California°	70	69	---	---	18	17	RRI/Indonesia 9865 kHz
81. John Forsythe, P. Q.°	70	57	86	74	9	5	Beirut, Lebanon 11965
82. John T. Soneff, Louisiana	70	53	96	58	10	6	-----
83. Greg Barman, Illinois	70	30	83	35	11	4	Radio Pakistan, Dacca
84. Irwin Glasberg, P. Q.	69	54	110	68	11	7	R. Amman, Jordan 15170
85. John A. Figliozzi, New York	68	14	88	14	12	1	Radio Japan, 15445 kHz
86. Bob E. Estand, Texas	66	66	79	79	11	11	Radio Kuwait, 11920
87. Rudolph Menna, Pennsylvania°	66	42	72	42	16	8	Hanoi, Viet-Nam 11760
88. Len Hoskins, Wisconsin	65	64	103	92	7	7	Yerevan, 17800 kHz
89. Larry Zamora, Texas	65	51	70	63	3	3	Lebanon, 11965 kHz
90. Andrew Rugg, P. Q.	65	61	110	102	8	7	BBC/Malaysia 11775 kHz
91. Mark Mohrmann, New York	65	53	117	78	10	8	Radio Kuwait, 11920
92. John Hedstrom, Illinois	65	43	76	49	11	7	Radio Kuwait, 15345
93. Robert E. Byers, Ontario	64	54	78	61	13	9	Radio Kuwait, 15345
94. Allison W. Capson, New Brunswick	64	51	76	55	5	3	Radio Peking, China
95. Rowland Archer, New York°	63	54	72	58	9	8	BBC Cyprus, 7140 kHz
96. Chris Fygett, Ontario	63	43	69	44	10	6	FEBC, Philippines
97. Thomas J. Daly, New York	63	31	70	34	14	5	TAU/Ankara, 15160 kHz
98. Peter Rudolph, California	62	45	68	51	13	8	Dacca, Pakistan 15520
99. Bert Adams, Ontario	60	49	---	---	11	9	Taipei, 17890 kHz
100. Don Adams, North Carolina	60	46	68	48	13	7	Radio Kuwait, 15405
101. Geoff Oates, British Columbia	59	50	76	67	16	14	R. France Asie, 15430
102. Chris Kennedy, Maryland	59	47	60	47	11	6	VOFC, China, 17720 kHz
103. Paul Moore, Ohio	59	46	65	48	10	7	Erevan, 17775 kHz
104. Mrs. Mildred Marshall, N. Dak.	57	47	77	65	---	---	-----
105. Joey Nommast, Texas	57	40	69	44	7	2	VOFC Taiwan 17720 kHz
106. Lt. Paul M. Steen, Guam	56	50	78	59	18	11	EFBS, Singapore, 5010
107. Michael S. Baker, Maryland	56	43	---	---	---	---	-----
108. Don Anthony, Connecticut	52	27	59	27	4	1	NHK/Tokyo, 15135 kHz

109. George Morgenstern, Minnesota	50	26	59	32	--	--	-----
110. Angelo Coppola, Italy	49	42	58	48	8	6	Radio Japan 21535 kHz
111. Arthur L. Skopec, New York	43	32	53	39	6	4	Radio Japan, 15135 kHz
112. Trev Burke, B. C.	41	39	73	68	5	5	VOFC/Taiwan
113. Michael Gouthro, New York	39	32	48	41	3	1	Radio Peking, China
114. Robert Peritz, New York°	37	31	42	35	2	-	-----
115. Steven Fix, New York	37	21	88	--	-	-	-----
116. Peter Taylor, Ontario	34	17	45	18	3	2	Radio Beirut, 15170
117. Arthur Burke, Kansas	32	17	70	17	-	-	-----

Those so indicated: (°), please update before next SCOREBOARD in the June QSL RPT, in which the continent of EUROPE will be featured. Welcome to several new contributors to the SCOREBOARD this month, and a sorrowful good-bye to a few from whom we have not heard in the past year. We hope you will renew! And remember, include only SWBC stations in your totals, no BCB, Ham, Time Signal or utility. Thx.

QSLs RECEIVED

A fine month with many QSLs reported from a total of 62 reporters(!). Particularly your editor would draw your attention to the QSL from Radiodiffusion-Télévision Marocaine, in Rabat! Quite a rarity!

ALBANIA: Tirana, card of Albanian flag, rifle/pick for 9500 in 3 months sea. No IRCs (Clark) 7315, simple paper QSL in 2 months registered (Koukol) folder card in 82 days (Scoville) 6200 in 3 months air. No IRCs (Hicks)

ALGERIA: RTA, 9510, archer card in 2 months with full data. 2 IRCs (Craighead)

ARGENTINA: Buenos Aires, 11780, poor verie QSL de RAE in 6 months (Bull)

AUSTRALIA: Shepparton, 21740, card of Koala's in 4 months (Anderson) 2 months (Morgenstern) 21540, 79 days w/Kangaroo card and magazine (Steen) 1 month (Stuart) 9580 in 5 weeks (Robbins)

AUSTRIA: ORF, 9770, card of "State Opera" in 43 days w/rpt form (Volle) 32 days for 15210 (Scoville) 1 month (Hicks) Esterhazy Castle card in 8 wks for 6155, plus 39 page sked (Anderson) beautiful color card of Austrian village in 1 month air (Adams)

AZORES: Ponta Delgada, beautiful ship card in 1 month for 2 IRCs, stating location on reverse (G. Fisher) 4865, ENR card of navy ship in Lisbon, w/EN seal in corner. 4 weeks for Lisbon, but rpted to Ponta Delgada (Robbins) 2 months from V/S: Maria Da Paz de Barros Santos (Haines)

BAHAMAS: Long outstanding letter from Cable and Wireless for relayed Cricket Match programme during period of transmission trouble in Grenada (Camire)

BIAFRA: Mr. P. C. Chigbo, Special Rpresentative in the Ivory Coast sent letter stating confirmation of my reception Voice of Biafra. Also 2nd letter stating Radio Biafra closed down 14 January (Marshall) 2 months for 4 IRCs (Craighead) 6145, QSL letter in 6 weeks air; rpted w/p/card and 2 IRCs; + second letter mentioned above (Banta) letter air stating makeshift bcs to Jan 13/14; 1 month air (Smith) 1 month giving date and veri stmnt (S. Kamp) 7301, 5½ wks air. Does Biafra count as country? (Soneff) Yes (Ed.)

BONAIRE: Radio Nederland, Bonaire-Noord, 11730, special anniversary card for 3 IRCs. (Handler) 15320, 7 days air showing 1st Dutch short-wave xmtr (Mohrmann) 15215 (but stating 15220) (Padula) 4 weeks (Hurst)

TWR sent photo card of Bonaire-Zuid for 11815 in 20 days air w/religious pamphlets. V/S: Julius F. Schipper. IRC sent (Calkin) 11775, 2 wks air for 3 IRCs. (Clark) 3 weeks for 1-IRC (Smith)

BOUGAINVILLE IS: R. Bougainville, 3322.5, letter w/verie stmnt in 7½ months for 3 IRCs; V/S: Geoffrey N. Heard (S. Kamp) 3 months from William P. Naner for G. N. Heard (Field)

BRAZIL: R. Clube Teresina, 3385, card in 2½ months air on 5th try from Francisco de Asses Castelo Banco. SASIE sent (Field)

- BRAZIL: R. Jornal do Brasil, 4875, folder card + pennant in 14 days air. Stamps (Sparks)
R. Jornal do Comercio, 15145, card and handwritten letter in 18 days air. V/S:
Mrs. M. Britto stated English rpts OK and she appreciates US Commemoratives. (Sparks)
R. Maua, Rio, 9705, card in English in 10 wks air on 4th try for SASE (Field)
- BRITISH HONDURAS: Belize, map card in 20 days for 3300 (Stuart) 4 wks for 2 IRCs (Volle)
- BRUNEI: Radio Brunei, 4865, card w/full data by air in 14 days. No time given; Mint stamps and IRCs sent (Henderson) card, sked + personal letter from Mr. N.J.A. Frigout, C.E. who is interested in rpts on English at 1315 on 7215 kHz. 3 IRCs sent (Field)
- BULGARIA: Sofia, Univ. card in 2 months sea for 9700 (Lechleiter) 2 months air (Stuart)
- BYELORUSSIAN SSR: Card from Moscow on 7330 stating "via Minsk". Stressed in my report the importance of city designation on QSL. 2 months (Lemna)
- CAMEROUN: Yaoundé, 4972.5, card w/map of country in 20 days. Registered w/3 IRCs. (Lemna) 2 colorful cards for 1 rpt; one w/map of world, one w/map of Cameroun. 4 weeks for 3 IRCs. (Haines)
- CANADA: Radio Canada, 9625, Bluenose II in 22 days (Handler) 16 days for 11945 kHz from Supervisor of Information Services (Hicks) 9610 (Anderson)
CBC Northern Sce, Eskimo sculpture card in 29 days for 15190 (Lechleiter) 5 wks for 5970; no return postage sent (Wagner) 3 weeks (Robbins)
CJCK, 6010, green factory town silhouette w/black print for CJCB radio; without time. 3 weeks (Robbins)
CFRX, card in 4 days from Clive Eastwood, Vice-President, Engineering (Stuart) 14 days surface; card has pics of old/new City halls (Allen) 9 days; 2 IRCs (Handler)
CFCX, 6005, card w/station history on reverse in 13 days (Stuart)
CKZN, 6160; shields card in 10 days without time (Scoville) V/S: John C. Postema w/card in 3 wks (Robbins)
- CAPE VERDE IS: CR4AA, 3886, card air in 14 days for Fort. rpt and 3 IRCs. Green card with red "CR4AA" (Foulis) 17 days for 3883, nom. 3960. 3 IRCs (Martin)
- CEYLON: Ceylon Bcing Corp, Colombo, 11800, letter in 2 months sea for 4 IRCs. Lacked time, but seems eager for rpts (Shaw) 15230, flowers card in 10 months; 2 IRCs (Craighead)
VOA/Colombo, 11835, regular VOA card minus time in 4 days. Heard you should address the reports to Frequency Division for true QSL. True? (Martin) Yes, according to Gillespie's SWL ADDRESS BOOK. No confirmation here yet (Ed.) (Morgenstern)
- CHILE: Radio Presidente Balmaceda, white/blue card in 2 wks for Sp. rpt and mint stamps/
La Voz de Chile, 9690, "Gracias" card in 6 months w/used Chilean stamps. Mint sent (Upton)
- COLOMBIA: Radio Guatapuri, 4915, letter from Manuel Pineda Bastidas and large red, white and blue 1963-1970 vertical felt pennant in 1 month (Craighead) 1½ weeks air (Robbins) 3 weeks for 4915. SASE sent (Field)
Emisora Atlantico, 4905, letter in Spanish + pennant in 20 days air (Soneff) card and tri-color pennant in 1½ weeks; 2 IRCs (Robbins) 2½ months air giving address as Apt. Aero 3136, Barranquilla. SASE sent (Field)
Radio Nacional, 4955, color card of statue in 9 months air. No IRCs (Upton) card in color of church in 3½ months (Brown) 4 months for 2 IRCs from Andres Pardo-Tovar, Director (Volle) 206 days air (Mohrmann) 9628, card of Museo del Oro, Banco de la Republica in 5 months sea; rpted in English w/3 IRCs (Padula) 190 days (Scoville) 6030, 5 months on 3rd try for SASE (Field) 2 weeks air; no IRCs (Hicks) 3 months for card and 2 months for sked (R. Murphy) 4½ months air (Marshall) 5 months (Martin) 3 months for 4955; rpted in English (Stuart) Well, well! (Ed.)
Radio Sutatenza, usual fold-over card in 9 weeks seaimail giving date only. (Anderson) 5095, 19 days (Volle) 6 months air (Upton) 1½ months w/date only (Calkin)
Transmisoras Caldas, Manizales, 5020, sent letter/pennant + p/card in 14 days air for Spanish report and 2 IRCs/ V/S: Ignacio Escobar Uribe (Mohrmann)
- CONGO (REP): ORTF, Brazzaville, card from Paris for 15445 in 73 days. 2 IRCs (Hedstrom)
- CONGO (DEM REP): Kinshasa finally verified by 2-page personal letter in French w/full data verie. 1 month for 7115; states currently sending letter as out of cards (Haines)

COSTA RICA: Radio Reloj, letter in English from Sistema Radiofonico HB stating rpt was helpful. 4697 (Kening) letter in English for 6067, 16 months w/apologies for delay. Rpt was in Spanish w/3 IRCs (Padula) 2 wks, stating out of pennants (Haines) 1 year exactly; w/simple thanks for correct rpt and apologies; V/S: Miss G. Barahona (Mohrmann)

Radio Casino, 5954, green card and pennant in 2 months air. 2 IRCs sent, and returned (Calkin) 11 wks + pennant (Martin) 8 weeks air; returned IRC (Stuart) 52 days; no IRCs (Volle) 7 weeks air (Hurst)

CUBA: Voice of Viet-Nam, card showing pic of VC girl holding US doldier captive. Rpt forwarded by Radio Canada SW Club to Havana (Allen)

Havana, 11760, card in 117 days w/full data. No IRCs (Scoville) large card w/ repros. of post stamps in 3 months sea. No IRCs (Hicks)

CYPRUS: BBC/EMR, 7140, letter w/full veri data for detailed rpt stating great value of complete verification. 16 days air (Martin)

CBC, Nicosia, 17875, card in 24 days air. 3 IRCs (Henderson) 2 weeks air for 2 IRCs w/verification statement (Byers)

CZECHOSLOVAKIA: Prague, 5930, card air in 37 days w/outline of bldg on pink/white bkg. (Lechleiter) 7345, card of Karlovy Vary Spa in 1½ months air (Clark) 26 days air (Allen) Mountain snow scene in 7 wks air (Banta) Trosky Castle card in 40 days w/FDCs from Jan Dvorak in 1 month air for 15310 (Anderson)

DENMARK: VOD, 15165, card in 7 weeks (R. Fisher) b/w card of Radiohouse aerial in 7 wks from Suzanne Jackson, with VOD Publication (Smith)

DODECANESE IS: VOA/Rhodes, 7270, card in 10 days (Lemma) 1 week; no IRCs; full data for once from Vivian Despot (Haines)

DOMINICAN REP: R. Comercial, very friendly letter from Luis Cambero Gil, Secretaria de Correspondencia del Exterior, giving full data in 1 month air for IRC + p/card. Likes taped reports (Anderson)

ECUADOR: HCJB, separate cards for 17880 and 9655 in 5 months sea; Great Circle Map style (Padula) air in 5 wks for 17890; colorful; sked and beautiful 1970 calendar and photo of staff members (Banta) 11740, new color scene card in 3 wks (Hurst) 10 wks for 11755 and 11765 kHz (Anderson)

R. Nacional Progreso, 4730, letter and pennant in 14 days airmail; Mint stamps from V/S: Efrain Herrera Guerrero. (Sparks)

Radiodifusora Nacional sent Fotospeed card featuring shot of equator monument in 24 days air for 2 IRCs. V/S: Lcdo Pedro J. Velasco E. (Anderson)

EL SALVADOR: YSS, 5980, letter in 2 months from Carlos Rene Rivera. Excellent verie statement, w/full data and pennant (Heggs) 68 days air for 3 IRCs; Rpted in English and Spanish (Michalenska) pennant, tourist pamphlet and info on war in 2 months (Brown)

ENGLAND: BBC, 9410, Thames card w/no data in 7 weeks. No IRCs (Parkinson)

CBC relay, regular card from Montreal for 11970 in 12 days (Hedstrom) 15180, Bluenose II card in 3 weeks (Craighead)

ETHIOPIA: ETLF, card in 5 months seamail from Mr. Svensson for 15400 (Anderson) card in 4 months seamail for 11890, although sked sent by air in only 2 wks! (Calkin) 11855, 108 days seamail for 2 IRCs + sked in 1 month before QSL (Koukol) 3 months for 9680, (Stuart) 1 month (Bull)

FIJI IS: Suva, p/card of Suva Street scene, very beautiful but gives no date or time; for 3 IRCs and reply in 2 weeks for 3284 kHz (Haines)

FINLAND: FBC, 15185, card + skeds in 12 wks for IRC (Hurst) 2 months for 2 IRCs w/ usual data (Haines) 84 days w/sked by air. Rpted air w/out IRCs (Coppola)

FRANCE: ORTF, 15185, orange cd and New Years card in 6 weeks air (Hurst)

FRENCH GUIANA: Cayenne, 3385 kHz, airmail letter in 2 wks. NASWA French rpt used and including mint stamps. V/S: C. Pierre (Billingsley)

G.D.R. RBI, 20th Anniv card in 10 wks (Hurst) Cecilienhof-Potsdam card in 3 wks (Robbins)

G.F.R. DW, usual card for 9735 in 2 wks air. No IRCs (Hicks) 2½ months for 1-IRC w/ pennant, books and magazines (Bull) four beautiful color cards showing local scenes-by air. No full verification (Caldwell)

Bayerischer Rundfunk, 6085, card, Book on station, tourist info and on new DW station. States my taped rpt 1st from USA (Matthews) beautiful blue card w/ symbolic Bavarian village and artistic "BR" design. 3 weeks for 2 IRCs (Robbins)

Südwestfunk, 7265, card, letter and promise of book on station in 4 wks. A magnificent card! lists power as 1.5 kW typed in. DX still exists! (Matthews)

GHANA: Ghana Broadcasting Corp., usual tri-color card in 3 weeks airmail for 1-IRC. 4915 kHz (R. Murphy) Accra site (Ed.) card and sked in 1 month air (Stuart) 21545, card in 1 month air w/sked from Director-General (Collopa) 21545 is Tema (Ed.)

GILBERT & ELLICE IS: R. Tarawa, 4912.5, letter in 47 days. Nice stamps (Steen)

GREECE: NHBI, Athens, b/w card in 3½ weeks air for 9605. 3 IRCs sent. States they appreciate receiving more recorded reports (Haines)

FBS, Athens, 6043, letter in 28 days from V/S: Col A. Kazos, Public Relations Officer. 3 IRCs (Henderson)

GUATEMALA: TGVN, La Voz de Nahuuala, 3360, letter from Dennis M. Evans, Technician and pennant in 25 days w/return postage enclosed (Craighead).

TGNA, 5955, card and large pennant in 5½ months (Volle)

GUYANA: Radio Demerara, card in 10 days for 5980 rpt. (Stuart) 17 days air for 5980 3 IRCs (Moser) Now the Republic of Guyana (Ed.)

HAITI: R. Caraibes, 6035, 6 weeks seamail. 2 IRCs. QSLs programme, but claims 6015.

V/S: Franck André, Administrator (Ferguson) (Dexter)

HONDURAS: R. America, 6050, letter, air in 11 days from Rafael Silvia Pena, Gerente// HRVC, black/gold/white donkey drawing card in 2 months sea; although stamped

for air. V/S: Jane Hutton, QSL Mgr. Date of QSL issue, but otherwise only Veri stmt given (Calkin) 2 wks air for 2 IRCs (Byers) 12 days for 2 IRCs (Brown)

HUNGARY: Budapest, 9833, card in 5 wks air w/copy "Budapest Antenna". 2 months (Morgens-tern) 11910, pic p/card of Budapest in Italian in 4 months; rpted by air (Coppola)

INDIA: AIR, card for 9912, in 1½ years for 2 IRCs. (G. Fisher) card of old fort for 11960 kHz in 10 weeks air. No IRCs (Padula)

INDONESIA: YDJ, Jogjakarta/Java, 5047, RRI card and personal letter in Indonesian; card has full data and arrived in 6 months seamail. Rpted by NASWA Indonesian form and IRC. Card is yellow/blue. Address: RRI, Studio Nusantara 11, Djalan Amat Jajuli 4, Jogjakarta. Can anyone translate? (R. Murphy)

VOI, Djakarta, 7270, card in 48 days air for 5 IRCs from V/S: Farida Nur, who notated "we have not rcvd your IRCs". To keep good will, sent 5 more. Suspect envelope rifled (Sizer)

IRAN: Teheran, 11735, card, magazine, sked in 7½ months via registered seamail. (R. Fisher).

IRAQ: Baghdad, 11785, card in 3 months w/Full data. 2 IRCs (Craighead) 3 wks for 2 IRCs and handwritten sked also rcvd (Haines)

ISRAEL: Kol Isra'el, 9009, card w/pic of antennae in 2 months air w/personal ltr in French plus Israeli flag; sked, copy of Jerusalem Post after 35 days by air. Rpted in French by air (Coppola) 9625, color card, painting of 17th century Jerusalem in 1 month air for 2 IRCs. Sked and Jerusalem Post also received (Adams)

ITALY: RAI, card w/antenna drawing in 74 days and full data on reverse. No IRC (Allen) 6010, card in 5 wks seamail w/nice sked (Banta) 9575, in 2 months sea (Hicks)

JAPAN: NHK, usual colorful card showing Japanese dolls for 15235, 17725, 21640 air in 4 weeks w/full verification (Caldwell)

KOREA (REP): VOFK, Seoul, 9640, card 50 days; no IRCs. English programme, color card of dancers (Steen) 68 days air for 15430; 3 IRCs (Moser)

LIBERIA: ELWA, native drummer card in 24 days air for 3 IRCs (Weber) 1 month (Byers) 15095 in 2½ months (Morgenstern) 4 months for 2 IRCs (Bull)

LITHUANIA: Vilnius, 3 wks w/QSL stmt; 9735, 3 months for no IRCs (Morgenstern)

MALAWI: Form letter w/full data for 3 IRCs from G.K. MacDonald, CE (Sizer) 20 days air w/form letter and states interested in further reports. 3380 now 20 kW (Hagerman)

MALI: Bamako, 9745, card w/sked on reverse in 5 months for 3 IRCs (Bull)

MEXICO: XETS, R. Tapachula, p/card of Central avenue in Tapachula from V/S: Celso Lopez Amores, Gerente; 2 wks air for Spanish rpt (Robbins) 3½ wks air on 5th try (Field)

Radiodifusora Comerciales, business card acknowledging rpt in 3 months (Brown)

MARTINIQUE: personal French letter from L. M. Cohic, Le Chef du Service de l'ORTF en Martinique; w/date and frq. and confirming statement. Rpted by tape and stamps; reply by airmail in 51 days (Sgrulletta)

MONACO: Radio Monte-Carlo, 6035, card w/antennae pic in 5 months; No IRCs (Coppola)

MOROCCO: Rabat, 11735, QSL folder w/no data, only thanks for report and info on transmissions on MW and SW. 1 month after airmail report in French w/1-IRC. (Coppola) Excellent; first one I've seen in years Angelo (Ed.)

NEW GUINEA: R. Goroka, 2410, returned blank form QSL in 18 days for 2 IRCs (Steen)

NEW ZEALAND: RNZ, card for 11830 in 79 days; usual card and no time noted (Steen) 9540 for 2 IRCs in 3½ months (Volle)

NORWAY: Radio Norway, 9610, beautiful color photo card in 24 days for 2 IRCs. (Hedstrom) 9645, winter scene card in 21 days for 3 IRCs (Clark) 21730, 20 days showing town after snowstorm (Banta) 19 days (Scoville) 2 weeks; no IRC (Hicks) 3 weeks (Hurst)

PAKISTAN: Karachi, 11672, plain white card in 5 weeks; no IRCs; from Rawalpindi (Morgenstern)

PERU: R. Atlantida, 5180, letter in Spanish w/veri stmt in 16 months; + pennant and stamps. Mint stamps sent (S. Kamp) 9625, letter in 2 months plus pennant for SASE Letter sent by error to Steve Kamp who forwarded. Thanks Steve! (Field)

R. Chanchamayo, 4897, card and pennant by air in 16 days (Dexter)

PHILIPPINES: VOA/Tinang, 2 cards for 15165 and 15175 (Robbins) 2 weeks (Field)

VOA/Porro, card in 1 week for 6180 SSB Xmsn (Stuart) 11965, 2 wks (Field)

FEBC, card for DZI9, 7230, in 1 month w/full data. 3 IRCs (Craighead)

UN Radio/VOA, blue/white card w/full data by air w/sked from NYC (Padula)

SEARV, 2 cards for separate receptions of DZU6/11910 and DZU7/15420 kHz in 2 weeks air. Card is white w/large red "SEARV", "Searv"-ing Asia. No time given. V/S: Constantino E. Bernardez, Executive Director-SEARV (Calkin)

Voice of The Philippines, 9580, letter in 62 days w/veri stmt only, w/ packet of Philippine stamps. Sent request via Government Info Officer, but QSL address is V. of The Philippines, National Media Production Centre, Malalos, Bulacan, Republic of The Philippines. V/S: Ernesto G. Madrid, Manager. Requested more rpts (Steen) Nice (Ed)

PORTUGAL: RFE, Lisbon, 7215, card air in 3 wks giving freq. and date (Padula)

PORT. GUINEA: Bissau, folder card for 5041 in 3 weeks for 3 IRCs (G. Fisher)

QATAR: R. Qatar, 9570, letter QSL in 4 months; registered report and 4 IRCs sent. Says sufficient details to prove reception must be included (Lemma) nice personal letter for 3 IRCs air; V/S: Taher Shihabi, Dep. Dir. of Information (Haines)

(Billingsley)

RHODESIA: RBC, 4828, air card in 2 wks w/full data. V/S: E. McKenzie; IRCs sent//

RUSSIAN S.F.S.R. (Asiatic): Moscow sent blue card in 3 months for Nikalaievsk in the Australian/NZ transmission (Brown)

Khabarovsk, 17775, blue card w/site typed in (Robbins)

card from Yerevan for FE transmission to NA on 17790/17865; registered 14 wks (Padula)

SICILY: Caltanissetta, 6060, card in 6 wks specifying site; seamail for 3 IRCs (Matthews)

SINGAPORE: BFBS, card in 2½ months seamaile from W. Robertson, Senior Eng. (R. Murphy)
Radio Singapore, 11940, card w/veri stmnt in 1 month for 3 IRCs (S. Kamp)

SUDAN: Letter QSL and sked together from Abdel Rahman Abdel B., Head, PR and Trans-
scription Department (Bull)

SWEDEN: Stockholm, 11780, card in 2 wks; 15180 in 3 wks; air (Padula) 11705, 13 days
w/Northern Lites card (Taylor) 15265, 1 week (Wagner) 5990 V/S: Anne Karlson, 6 weeks
by air w/full data (Banta) 1½ weeks airmail (Robbins)

SWITZERLAND: SBC, p/card of Basel's Rhine port in 1 month for 2 IRCs, 9535 (Morgenstern)
2 weeks air from J. A. Chisholm; 6120 kHz (Robbins)

ICRC, Geneva, 7210, old plain card w/full data in 10 days air. Xmtr site
for ICRC is Beromünster, w/100 kW. (Michalenka) 10 days seamaile; no IRCs (Coppola)

TAHITI: Papeete, 11825, mermaid card w/sked in 3 wks air. IRC (Smith) 11 days (Sizer)

TAIWAN: BCC, Taipei, 15125/15345/17720/17780/17890, cards in 7 weeks air (Matthews)

TANZANIA: Radio Tanzania, 5985, yellow/brown/white drum and studio silhouette card in
4 weeks for 3 IRCs. V/S: C.E. (Robbins)

TCHAD: RNT, Fort-Lamy, 4904.5, attractive card w/sked on reverse in 33 days air. Rpted
in French w/2 IRCs (Koukol)

THAILAND: Thai TV Radio, 7107, letter in English w/full details in 22 days air for 3
IRCs. V/S: Mr. Choo NaLampang (Sparks)

TOGO: Lomé, 5047, card in 2 months w/globe and map. Rpted in English (Smith)

TURKEY: TAU, 15160, b/w card of dancing Turk and details (Upton)

UKRAINE SSR: Kiev, thin paper veri w/full data for 11730 in 111 days air (Moser)

U.A.R. Cairo, 9740, card in 2½ months w/full data. IRC sent (Taylor) (Morgenstern)

U.S.A. UN Radio/Delano, 21460, card in 7 weeks w/sked seamaile (Padula) 4 months //

WINB, Red Lion, Pa, b/w card for 11795 w/full data in 2 weeks (Hicks)

KGEI, San Francisco, 9715, card w/full data, sked, pennant and fact sheet (Soneff)

VOA/Dixon, 3900 kHz, card in 1 week from Washington (Stuart)

UPPER VOLTA: Ouagadougou, 4815, card in 9 months for 3 IRCs; full data (S. Kamp)

VENEZUELA: Ecos del Torbes, YVOC, 4980, pennant only in 1 month for mint stamps (Craighea)
R. Barquisimeto, 4990, card in Spanish w/date and freq. only (Volle)

R. Litoral, Macuto, 5060 (nom. 5050) card & Xmas card in 1 month air on 4th
try for SASE sent (Field)

R. Libertador, letter in 1 year, w/p/cards and stamps. Mint sent (Upton)

R. Rumbos, p/card w/QSL data on reverse in 13-47 days (Capson, Dunn, Mohrmann)

In closing, sincere thanks to the following 62 contributors:

Don Adams, N. C.	Angelo Coppola, Italy	James S. Hurst, Md.	M. E. Robbins, Neb.
Stephen Allen, Mass.	Wendel Craighead, Kan	Steve Kamp, Texas	L. Scoville, N. Y.
R. Anderson, Ill.	Gerry Dexter, Wisc.	Dan Kening, Ill.	J. Sgrulletta, N. Y.
John Banta, N. Y.	C. M. Drake, B. C.	Craig Koukol, Ill.	Ed. C. Shaw, Calif.
Don Billingsley, Cal.	David Dunn, Texas	Doug Lechleiter, Ken	Alvin V. Sizer, Conn
Edward H. Bull, Col.	Dan Ferguson, Fla.	Kris Lemna, Indiana	Harry Smith, Ohio
Robert Briggs, Mass.	George Fisher, Col.	Wm. Matthews, Ohio	John T. Soneff, La.
Kevin Brown, Mich.	Robert Fisher, Calif.	Bill Martin, Del.	Lt. Paul Steen, Guam
Arthur Burke, Kansas	Marlin A. Field, Mich.	Henry Michalenka RI	Jerry Stuart, Okla.
Robert Byers, Ont.	Robert Hagerman, Mich.	M. Mohrmann, N. Y.	Peter Taylor, Ont.
G. A. Calkin, Ont.	Bruce Haines, Col.	George Morgenstern,	Tom Upton, Texas
J. L. Callaway, Tenn.	Stephen Handler, Ill.	Minnesota	David Volle, Ill.
Roger Camire, N. H.	John Hedstrom, Ill.	Richard Murphy, Tex	Ira Wagner, New York
W. A. Capson, N. B.	Richard Heggs, B. C.	Bob Padula, Austral.	Jim Weber, Calif.
Dr. Wm. Caldwell, Cal	Dan Henderson, Md.	John Parkinson, Alta	Robert Moser,
Thomas O. Clark, Ohio	Terry Hicks, Florida	Arthur Poulis, Mass	Illinois

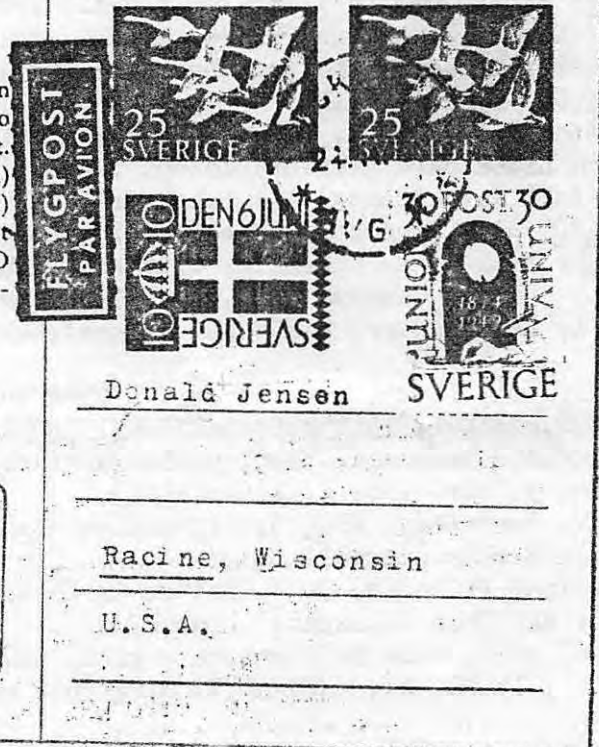
Dear Friend and Listener,

We wish to confirm that your kind report on the reception of our broadcasts over Radio Africa Tangier on the 7/9-56 is correct. Our frequency was: kc/s (..... m)

Thank you for your interest. We hope that you will continue to listen to IBRA RADIO and also tell your friends about our programmes.

Yours very sincerely,
IBRA RADIO
Luton — Beds. — England

The station in Tangier has two 10 kW Short Wave transmitters with directional aerials, beamed towards Northern Europe; consequently the radiating power is multiplied. The IBRA RADIO Medium Wave programmes are broadcast over a 100 kW transmitter, intended for the Mediterranean countries and Mid-Europe. By means of a special directing feature the radiation can be beamed towards territories covered by the transmissions, thus giving increased power.



Donald Jensen

Racine, Wisconsin

U. S. A.



His Majesty's Government
Department of Broadcasting

RADIO NEPAL

Kathmandu,
Nepal.

Dear Sir,

Many thanks for your reception report.

I am pleased to confirm that your report was correct.

Date of reception... 24th Jan 1963

Frequency... 416.00 kHz

Time... 13.55 - 14.25

our present transmissions are as follows

1-20 - 3-20 GMT 7105 and 11970 kHz

7-20 - 9-20 GMT 7105 kHz

11-30 - 16-50 " 7105 and 11970 kHz

Yours sincerely,

K. B. Khatri
(K. B. Khatri, C. Eng)
Chief Engineer

Out of the PAST comes Don Jensen's QSL from IBRA Radio, a religious organization which broadcast in the 50's from the transmitters of Radio Africa Tangier in several languages. Each language service had its own QSL; above being one of them. From the PRESENT, George Fisher shows us his QSL from Radio Nepal, an exotic country, yet heard well at present on 11970 kHz beginning at 0120 GMT.

Until April, and another QSL REPORT; many thanks for your support and 73s, GREGG.



LOG REPORT

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

Deadline 15th of month
Phone 305-284-5714

When reporting, please use only one side of the paper, list items in order by fgy in either direction, double space between items, and mail in time to reach me by the 15th of the month. Please keep your reports up to date... A = approximate fgy, M = measured fgy, T = tentative, U = unidentified. *0000 = s/on 0000; 0000* = 0000 s/off.

- 2410 HAITI R. Lumière, 1130 Fr, old dance mx, circa Paul Whiteman(Hirst)Who?(DF)
1130 mx & talk in lang to fade 1145; weak(Billingsley)
- 2430 CHINA Fukien listed, 1200 mx, brief talk in Chinese; fair, but RTTY(Billingsley)
- 2446 REUNION ORTF, French 0245, 26 Jan; slight RTTY QRM(Berghammer)
- 2450 HAITI 4VSO, Fr ID for 4VEH 1102; rel mx(Hirst)1030 most AMS, Fr rel tlk(Sizer)
- 2500 HAWAII WWVH, 1146 during WWV silent period; fair sigs(Potter)
- 3204 NIGERIA Ibadan, African singing 0612; man in Afr lang 0621; more mx(Young)
- 3227 LIBERIA ELWA, 0608 Afr lang & mx to 0641; seemed non-religious in nature(Young)
- 3230 FIJI Suva, Eng anmts, local mx as early as 0640(Burnett)Clear 0650 w/lite mx, boating tips, chimes, ID, BBC nx 0700(Sparks)0659 mx, Eng anmts, BBC nx; all Eng and many US tunes past 0816(Young)BBC nx 0745; Bank of N.Zealand pgm 0800; mx pgm 0830; ABC nx 0900(Williams)
- 3239 IRAQ Baghdad, Koran chanting 0300(Sparks)Around 0400 under local harmonic(DF)
- 3245 CHINA Chengtu(listed), 1454 Chinese cmtry; mx, TS 1.500, more Chinese(Young)
- 3245 VENEZ R.Libertador, 0200 Sp ID after Sunday Arabic pgm(Berghammer)0315 Sp pops, anthem 0401, off 0410(Young)Sp 1110(Fisher)
- 3255 VENEZ LV del Tigre, LA mx, anmts from 0138(Young)TCs & IDs around 0200(Dunn)
LA mx & ads 0445-0507 close(Craighead) Huh? Usual s/off is 0155-0200(DF)
- 3263U UNID Port spker 0246-0252(Young) Likely R.Tamandare, Brazil(DF)
- 3260 NIGER Niamey, s/on 0529 w/mx & Fr ID; Afr mx & lang to 0630; flute IS & off (Young)2110-2200 Fr w/"soul" mx; YL w/Fr anmts(Sizer)S9+1.5 at 2130, man in Fr. This stn is a GOOD verifier if you use the NASWA Fr form(Henderson)
- 3264 MOZAMBIQUE RCM, opens 0300, into usual format of TCs, pops, ads; in Eng & lang. (Niblack)0335 Eng/Afrikaans, ads, pops, TCs; anned 49 & 25 mb 0355; off, or fade after 0400, believe off(Hirst)0307 Eng com'l svc; pops, TCs, not on usual 3218. (Sparks) If replaces 3218, then should be sked from well before 0100(DF)
- 3275 BRAZIL R.Cl.Bauru, 0217 Port anmts, mx, past 0247(Young)
- 3276V INDONESIA(Java) Djakarta, various times 1125 past 1345; sometimes nat. mx, US pops; sometimes quite good(Hirst)1200 Indon ID by M. Lcl mx past 1248(Young)
- 3280 GRENADA WIBS, 0150 Eng pops, BBC mx((Kening)off after anthem at 0216(Young)
- 3284 FIJI Suva, lang, S. Sea mx 0736 past 0752(Young)fair 0800 in lang, RTTY(Burnett)
- 3286 PHILIPPINES DJE4, 1445 Eng anmt, ID as "PBS" by M; piano & light mx(Young)
- 3294 INDONESIA Samarinda, Indon by M 1420; S.Sea mx, local ID 1430, but not read, more mx(Young)
- 3295T BURUNDI Bujumbura, native & CW format, ID as LV de la Rev at 0413. List as tentative since did not hear Burundi actually mentioned(Shaw)I have nothing listed for this one(DF)
- 3295 VENEZ R.Trujillo, opening 1100 w/anthem, ads, LA mx(Craighead)
- 3298 BR.HONDURAS Belize, Eng to 0315 s/off(Heggs)3299, 0236 Eng, mx, ads; generally off after anthem 0512(Young)Often find them low in fgy, but never noted below 3299.5(DF)Eng mx, mx rpts, TCs, ads, pops0045-0506 s/off(Burnett, Kening, Koukol, Kamp, Mohrman, Upton, Perry)
- 3305 VENEZ LV de la Patria, ID 1133, not here evenings(Potter)
- 3305 PAPUA R.Daru, past 0936 w/lang, Eng, S.Sea mx, US pops, lite mx(Burnett, Young)

- 3308 ECUADOR Ondas Quevedenas, 0440 children singing in Sp, ID 0446, RTTY(Young)ID, request pgm 0547-0630(Kamp)Sp 1.118(Fisher)
- 3310U Latin here around 0430 tune, ID 0452(Dexter) Ecuador, maybe?(DF)
- 3315 VENEZ R.Maracay, LA mx, Sp anmts 0348-0401, ID, anthem, off 0406(Young)
- 3315 ECUADOR R.Pastaza, Sp anmts 0301; ID, into LA mx; quite strong(Young)
- 3315 BRAZIL R.Gazeta de Alagoas, 0106 Port anmts, LA mx; gong & ID 0130(Young)
- 3316 SIERRA LEONE RSL, s/on 0600 after flute IS; mx: pgm & relay BBC mx 0630(Calkin) S/on 0600 w/ID, Afr mx, past 0639(Young)Eng pops, ads 0605(Lemna)BBC mx 0700
- 3320 N.KOREA Pyongyang, HS in Korean 1346, past 1423(Young) (Sparks)
- 3330 PERU R.Progreso, 0303 LA mx, Sp anmts, past 0311(Young)
- 3339 TANZANIA(Zanzibar) R.T.Zanzibar, "Hi ni Sauti Tanzania Zanzibar" by YL 0330, just like in the book, into Aza'an to 0345; exotic mx to 0400; usually fast fade at 0340(Hirst)Held to 0418(Young)0330 s/on & into Koranic chanting(Sizer, Calkin, Dexter, Henderson, Field)Seems to me the chant heard here and on Mogadiscio, 6097, is paced a bit slower than that hrd from such as Cairo. Is this a characteristic of Somali language?(DF)
- 3345 VENEZ R. Central, 0136 Sp anmts, LA mx, ID; very weak(Young)
- 3345 PHILIPPINES DZB2, rel mx, Eng anmts 1347-1430; cmtry after 1400; full ID in Eng 1431 & s/off(Young)
- 3346 INDONESIA RRI, Pontianak, light mx: 1209; Indon talking, mx to past 1435. May have been a local ID 1400, followed by nxcast; not good till DZB2 s/off(Young)
- 3346, ZAMBIA ZBS, after 2125 in Eng on Sat, to 2202 s/off w/anthem; only fair(Sizer) 0400 mx & mx(Shaw)Pop mx: 0410(Billingsley)ads 0415, US pops; fade in after 0400; fast fade out(Hirst)Good Eng ID 0415(Henderson)F voices in Afr lang 0333; poss Eng ID & TC 0346; definite ID 0400, then lang nx. Some days seems to have Eng nxcast 0346-0355(Young)Last item reported as UNID; is likely Zambia(DF)
- 3350 GHANA Ejura, 0645 Nat'l Svc in lang(Shaw)0600 Eng mx, //4915(Upton)
- 3355 DOM REP LV de la Romana, now drifted back up to this fqy & usually buried under the mess on fqy; sometimes still audible in the period 2300-0330(DF)
- 3351 PERU R.Independencia, 0134 Sp ID by M; LA mx; then RTTY back on(Young)Out order
- 3355 N.CALEDONIA Noumea, Fr 0841; light mx, anmts(Young)
- 3356 BOTSWANA Gaberones, 0409 Afr mx, Eng anmts 0413, possibly a nxcast 0424; // 4845 and stronger at times(Young)
- 3365 VENEZ R.Tovar, 0056 LA mx, ID as "R.Tovar...Venezuela" at 0100(Young) The stn YVPM, listed in WRTH on this fqy has for some time been on 3225. Is still there as noted recently with IDs for R.Occidente and YVPM. In the latest "Shortwave News", published by DSWCI, information is printed from WRTH indicating that R.Puerto La Cruz has moved from 2370 to 3365. Could this possibly be the station you heard?(DF)
- 3366 GHANA Accra, 0530 guitar mx, Afr lang; Eng ID & mx 0600(Young)0625 man w/rel pgm, under the noise(Shaw)
- 3375 ANGOLA "R.Angola, Emissora Oficial", 2255-2300 light mx, Port ID by man, then more of the same; weak lvl & QRM(Niblack)Good 2120 w/jazz, classical mx(Sizer) 0125-0200 s/off w/mx & talks; the Port was slow & distinct, as compared to Brazil. Possible ID 0156(Williams)
- 3375 BRAZIL What seemingly is R.Olinda Pernambuco w/mx & Port; one ID given 2350 (Niblack)Carnival mx & ID, 0457*(Sparks)From 0202, Port, Pernambuco ment.(Williams)
- 3375 VENEZ LV de la Fe, 0329 LA mx, anmts, past 0337(Young)
- 3378 ECUADOR R. Iris, Esmeraldas, LA singing 0245; much QRM(Sizer)
- 3380 MALAWI Blantyre, Eng 2115, Saturday; Afr pop mx(Sizer)Eng ID 0400 after mx; Eng nx 0400; good lvl, wonder if this is their projected power increase(Niblack) Eng nx 0405, ID 0412; some Afr lang; fast fade(Hirst)3381, Harry Belafonta record 0358, ID 0400, then what seemed to be a nxcast; QRM R.Chortis(Young)
- 3385 FR GUIANA Cayenne, 0915 s/on Fr, mx to 0930, then nx(B.Martin)0032 French opera; Fr anmts 0057; ID & s/off 0101(Young)
- 3385 N.BRITAIN R.Rabaul, Eng nx 0803; old US tunes, past 0846(Young)Mx 0820(Burnett)
- 3390 CHINA Peking, 1438 Chinese mx, talks, past 1449(Young)

- 3385v ZAMBIA (tentative) Varies to 3383; twice hrd w/native lang, big variety of mx, US pops, Hawaiian mx, Afr choirs, request pgm; most requests from Zambia, many mentions of Zambia & Lusaka. Poss Malawi off fqy, but hrd when Malawi hrd just before on 3380. After 0400; het makes zero-beat difficult, but above 3380. Poss new svc of Zambia in lang(Hirst)
- 3391 ECUADOR R.Zaracay, 0447-0522 frequent IDs, ads, anmts, Ecuadorian mx:(Young) Sp, LA mx: 0108(Kening)Fair 0340, mx & Sp(Heggs)Sp & mx: 0247(Cabral)
- 3394 VENEZ R.Universidad, 0311-0348 LA mx, anmts, ID(Young)
- 3395 BRAZIL R.CL. Conquista, 0230 Port over YV(Berghammer)Clear Port ID 2300, many ads(Niblack)
- 3396 NIGERIA Kaduna, carrier on 0422, 5 note horn type IS 0430; Eng ID & into Afr lang. Little mx: to 0500; TC, Eng ID, Eng mx; local mx, Afr mx, past 0520(Young)
- 3450 CHINA Peking, 1507 usual Chinese conversation(Young)
- 3560 N.KOREA Pyongyang, 1415-1435 t/o, all Eng; pol. tlks; another day with definite ID at 1445, into lang 1500(Williams)
- 3830 CHINA Peking, Mao talk in Chinese 1750(Wood)
- 3383 CAPE VERDE IS R.CL. de Cabo Verde, from 2145 among the hams(Henderson)Port & mx 2240-2300*(Sizer)2257 Port ID & fqy; s/off 2300 w/anthem(Koukol)
- 3940 CHINA Chinese stn being hrd on the old Hong Kong fqy; 1510 woman talking in Chinese(Sparks)
- 3952 S.AFRICA SABC, Eng & mx 0345; very good(Cabral)
- 3970 CAMEROON R.Buea, 1950 native chants, local instr. items; Vernaculars anmts; mixed RFE Hungarian Svc, equal lvl(Padula)
- 3986 NIGERIA Lagos, amt on refugee situation 0445(R.Anderson)Eng tlk by man 0500 (Cabral)ID & Eng mx: 0600(Hirst) $\frac{1}{2}$ Eng/ $\frac{1}{2}$ lang ads, mx, talk; good 0630(Burnett)
- 3995 SOLOMON IS SIBS, low sig lvl w/mx: in & out of QRM around 0830(Burnett)
- 3995 ECUADOR LV del Rio Tarqui, blocking out SIBS for me daily after 1030(Sizer)
- 4020 CHINA R.Peking, Eng cmtry 1515(Sparks) (Sizer)
- 4485 RSFSR(As) Russ HS 1140; WRTH says Vladivostok; Petropavlovsk-Kam. also listed
- 4500 AUSTRALIA VNG, Lyndhurst, time stn, ID 1159:20(Sizer)Full ID & address 1359, //7500(Behr)1314, 1329, 1344(Fisher)
- 4610 RSFSR(As) Khabarovsk, Russ HS well hrd 1204 past 1230(Potter)
- 4635 TADzhik SSR Dushanbe, 0002-0102 lang; M & W w/poss mx, then Central Asian mx (Sizer) 0150 lang to fade 0228; fair to good(Billingsley)
- 4691v COSTA RICA 0200 ID as "R.Capital", no Reloj at all, or TCs either. On another night "Servicio Nac. de R.Reloj, C.R.". SCDX says both are in HB net(Michalenka)
- 4707 COLOMBIA Ecos del Pasto, 0155 Sp; under heavy QRM so have to dig for ID(Potter)
- 4712 ECUADOR R. Luz y Vida, good in Sp 0300(Cabral)
- 4724 BURMA BBS, 1215 exotic mx, quite relaxing(Potter)1252 Burmese mx; not //5040 (Young)1303 YL in Eng telling a story; lang 1315, not //5040(Koukol)
- 4738 ECUADOR R. El Mundo, pops, ID 0412*, at which time call letters seemed to be given as HCB2J & HCB2K(Sparks)Sports 0349-0455(Williams)LA mx 1126(Potter)
- 4739u Latin here to abrupt s/off 0411; appears Ecuadorean(Dexter)See above
- 4752 INDONESIA Makassar, strong from 1250; ID, Indon mx; hrd past 1400(Potter) 1255 Indon mx: & songs; 1300 local IS & gongs; Then news(Young)
- 4755 COLOMBIA R. Quince can be added to the list of IDs hrd here. Is the only ID I have hrd recently except for the Caracol list(Craighead) (R.Anderson)
- 4765 CONGO(Pop Rep) RTC s/off 2200 w/International. Flag now has hammer & sickle /
- 4770 ECUADOR R. Cenit, Portoviejo, ID 0430 after R.Bolivar had signed off(Field) Ads, mx, TCs(incorrect); no ID from 0619 to 0652 s/off(Dunn)
- 4775 BOLIVIA CP84, R.Los Andes, Tarija, 0337-0406 mostly mx; US pops; ID 0359; s/off or fade 0406; very weak(Williams)
- 4775 AFGHANISTAN Kabul, very good sig 1415 w/Eng talk & editorial, mx(Burnatt)
- 4775 COLOMBIA LV de Maria/Emissora Kennedy, mx: pgm w/ID & s/off 0327 after Eng rel message(Field)
- 4778 GABON Libreville, ID as La Voix de la Renovation 2130(Calkin)Sunday 2135, past sked 2130 s/off(Henderson)Mx, Fr tlks 2213(Martin)0501-0544Fr anmts, Afr mx; good copy one night when RTTY gone(Young)

- 4780 HONDURAS R. Juticalpa, 1100 Sp ID; YV up 1.(Berghammer)ID 0255(Seth)
- 4780 VENEZ LV de Carabobo, Sp mx: 0400(Seth)
- 4783 MALI R.Mali, drums, Afr mx; M voices singing 0723, //4834(Young)
- 4785 PERU OAX3V, R. Horizonte, fiesta mx & ID; 0500 s/off(Sparks)
- 4785 AZERBAIJAN SSR Baku, 0303 tune strong in Russ; mx(?) read by M & W(Potter)
- 4819 ECUADOR R. Paz y Bien, 1000 clear Sp ID(Berghammer)-
- 4828 RHODESIA RBC, s/on time is 0330A(Niblack)Hrd erratically after 0330, sometimes strong; Eng IDs in Afr Svc(Sizer)IS 0325, to 0500 t/o w/excellent copy 31 Jan; really wild com'ls in Swahili!(Henderson)0330 s/on, absolutely beautiful S9+30 drift free reception of Afr Svc pgm(Shaw)340 Swahili ads, Eng mx 0400(Hagerman) 0421 ID for Afr Svc of RBC; vy good some nites(Calkin)0442 light Afr mx(Young) ID 0410, then Afr mx(R.Anderson)0400-0410 Eng mx, then Afr mx(Koukol)Lang mx 0345, Eng mx 0400(Billingsley)
- 4830 VENEZ LV del Tachira, IDs, ads, TCs, 0120-0140(Dunn)Sp, mx, mention of Bolivars 0145 (that's money)(Wilkner)
- 4834 MALI R.Mali, Fr talk 2245-2300, //4783 also hrd(Tuchscherer)
- 4835 MALAYSIA(Sarawak) RMS, man in Asian lang 1242; Malay listed(Potter)
- 4839 CONGO(DR) Bukavu strong 0410 w/Afr chants; good sig, as usual(Henderson)
- 4845 BOTSWANA Gaberones, s/on 0357 w/cowbell, rooster, moo and baaa-baaa IS followed by YL w/ID in Eng/Setswana. Afr mx & lang. Some US pop tunes. //3356. Eng mx 0420 weekdays, but watch out for the weekend news(in Setswana, I believe). The signal usually does not hold up long(Dexter, Shaw, Burnett, Henderson, Young, Calkin, Billingsley, Craighead)
- 4846.5 HONDURAS R. San Isidro, 0645-0725 LA pop mx, frequent IDs; strong(Craighead) What's this? 0325 Vatican R. IS, then a few words in Sp, then carrier off. Does San Isidro relay programs, maybe?(Shaw)
- 4850 MAURITANIA Nouakchott, 0657 guitar IS, Arab anmts, ID, into Arabic chanting. S/off 0758(Young)Chants, talks 2030(Padula)
- 4855 MOZAMBIQUE RCM, 0300 pops & ads. Swear that DJ comes from Cincinnati(Shaw) 0303 Eng ancr, US pops; 3218 stronger(Young)
- 4855 BOLIVIA R. Centenario, Sp 0104; SINPO 4444(!), but deteriorated rapidly, 1 Feb(Fisher)Details on the rare ones, please(DF)
- 4855 INDONESIA Palembang, 1322 lang, Indon mx, local ID; past 1339(Young) (Young)/
- 4863 BRUNEI R.Brunei, lite mx 1416; YL ancr in Malay; anmts & anthem & off 1431
- 4865 BRUNEI R.Brunei, daily 1050-1200 w/copyable(give me another word & I'll use it!) sigs & the time pips at 1200 described by Marlin Field. Lang seemed to be Malay. (Henderson)
- 4870 DAHOMEY Cotonou, s/on 0515; QSLd in 2 weeks(R.Anderson)Fr tlk 0645 nitely(Seth) Fr 0630(Burnett)Sometimes good strength at 2200 s/off(Martin)
- 4871 INDONESIA(W.Irian) Sorong, Indon singing 1329; anmt by M 1330(Young) 0943 Indonesian(?) (Fisher)
- 4875 PAKISTAN R.Pak., (regional QTH unknown), new fgy, 0200 Urdu Zonal mx; Eng ID & Eng mx 0210-0220; fade by 0230(Sparks)
- 4875 BRAZIL R. Jornal do Brasil, 1000 Port; YV splatter(Berghamer)
- 4875 S.AFRICA SABC under RTTY 0420; good strength(Dexter)
- 4887 BRAZIL R.Pioneira de Teresina, Port 0829; dull ID by M 0831; Port pops past 0843(Young)Whoops! Make that a "full" ID(DF)Port ID 0930(Berghammer)
- 4890 HONDURAS R. Lux, Olanchito, 1200-1215 Sp rel chanting & ranchera mx(Patterson)
- 4895 BRAZIL R. Bare, 2332-0000 w/mx, tlk, ads, IDs 0000; poor(Kamp)1000(Berghammer)
- 4904.5 CHAD Fort Lamy, 2110-2205 Sat w/highlife mx, drumming, YL in Fr(Sizer)
- 4905 BRAZIL R. Relogio, time checks 2255(R.Anderson)
- 4907 CAMBODIA RNK, 1420 w/M & W in Cambodian lang. Some mx & singing past 1436. Drama-like conversation followed. Not Chinese(Young)
- 4912 GILBERT & ELLICE IS R.Tarawa, weak sig 0800; utility QRM(Burnett)
- 4915 KENYA VoK, 0337 Afr mx, in QRM. Swahili anmts, past 0346(Young)
- 4930 HONDURAS R. Catolico, 1045 Sp ID; YV carrier s/on 1050(Berghammer)
- 4930 VENEZ R. Junin, IDs, sports, 0415; no sigh of R. Mil(R.Anderson)0510-0531 Sp, LA mx, ID(Patterson)

- 4932 NIGERIA NBC, Benin, 0440 s/on w/great sig; also at 2130 on Sat w/"news in review". Is this a sked change? Aren't they supposed to s/on 0500?(Henderson) 0440, 19 Jan; speech for national unity(Shaw)
- 4937M PERU R.Tropical, Andean mx & beautiful ID 0130 in Sp by M(Niblack)OAX9E, pop mx & ID, 0400 s/off(Sparks)
- 4938 YEMEN Sanaa, drama 2005-2015, then Arabic tunes, Koran readings, off 2030 with anthem; s/off varies 2025-2100(Padula)
- 4950 KENYA VoK, 1525 rel format; break by YL 1527; pop mx 1530(Shaw)
- 4950 VENEZ R. Coro, mx 0120; QRM Colombia(Seth)
- 4955T INDONESIA Tentatively Banda Atjeh, listed; RRI ID 1345; FE mx, talk(Kamp)
- 4965 S.AFRICA SABC, overriding Kuwait on 4967½ at 2125; unusual sig, none of the fading normally characteristic of S.AFR.(Henderson)Market mx & quotes in Eng 0415, overpowering R. Santa Fe(Sparks)
- 4967.5 KUWAIT RK, Arabic mx from 2000 tune, 25 Jan(Henderson)
- 4972 CAMEROON R.Yaounde, poor 2148 Afr mx(Martin)0507-0516, but too much RTTY on 4973(Young)2210-2240 t/o, Sat; Afr, Eng, Fr pops(R.Anderson)
- 4975 PERU R.Del Pacifico, 0245 concert mx, Eng anmt & ID, 3 Feb(Sparks) see 9675(DF)
- 4975T BRAZIL R. Timbira, anncg MW fgy of 14--, as well as SW. WRTH list 1490; all other stns this fgy not in 1400-1500 range; noted 2300(R.Anderson)
- 4994 SUDAN Omdurman, Arab chants 0410(Goss)S/on 0400, s/off 2200(Martin)
- 4995 BRAZIL R.Brasil Central, fair 0855-0902 w/mx, talks, ads, ID(Kamp) (Upton)/
- 5000 JAPAN JJY, Tokyo, time pips w/higher pitch than WWV at 1400; CW & voice ID
- 5010 CAMEROON R. Garoua, 0600 Afr mx, (Berghammer)Afr drums 0614; Fr 0617, past 0634(Young)
- 5010U Presumably Venezuela mixing w/R.Cristal at 2335(Potter)
- 5010 SINGAPORE BFBS, Malay, 1530* w/GSTQ(Sparks)Eng 1445(Cabral)Hit Parade in Eng 1423-1437 t/o(Williams)
- 5010 PERU R.Eco, Sp ID, Andean mx 0930(Berghammer)
- 5015 RHODESIA RBC, up from 5012, 0400 Eng nx & ID(Sparks)ID 0400(R.Anderson)
- 5015 RSFSR(Eur) Archangelsk, ID 0400 leaves no doubt(Henderson)
- 5018 BOLIVIA R. Universo, concert mx & ID 0330(Sparks)
- 5026 UGANDA Kampala, highlife mx 2040; Eng nx 2100, s/off w/anthem(Sizer)
- 5030 MALAYSIA(Sarawak) RMS, 1450 mx, oriental lang(Cabral)
- 5030T DOM REP LV de Papagayo, several mentions of Santo Domingo 2330(Potter)
- 5034 CENTRAL AFR REP Bangui, anthem 0431, Fr ID; Afr mx, anmts, past 0450(Young)
- 5034v COLOMBIA LV de Caqueta, Florencia, 0350 Sp ID(Berghammer)S/on 1102 w/anthem, then mx(Sizer)S/off 0359(Dexter)
- 5040 BURMA BBS, Burmese mx 1423, Eng ID 1429, mx past 1435((Young)1400 mx, Eng mx 1445; very strong(Behr)CW mx 1500-1530(Burnett)1305 oriental lang(R.Anderson)
- 5040 GOERGIAN SSR Tbilisi, open carrier 0146, repeated IS 0158, s/on 0200 w/ID: "aparakops Tbilisi"(Calkin)0200 instr mx; M & W(Lobdell)0300(Seth)
- 5040 VENEZ R.Maturin, big lvl 2300 w/ID, LA mx, TCs, into pops; Sp(Niblack)
- 5041 PORT GUINEA rel pgmg 2306(Lemma) You get an ID? Several stns around this fgy carry rel pgms. Port Guinea reportedly on 5045 currently.(DF)
- 5045 BOLIVIA LV del Altiplano, nice ID 0503(Hirst)0946-1015 mx, tlk, ads, ID & nx 1000-1015(Kamp)
- 5045 BRAZIL R.Quitandinha, ID 2257, after R.Copacabana ID 2255. 1962 WRTH lists R.Quitandinha as testing and that it would relay R.Rio de Janeiro & Radio Guanabara(Field)
- 5050 TANZANIA R.T., clear 26 Jan in Swahili Svc; choir mx 0310; ID as "Sauti Ye Radio Tanzania"(Henderson)
- 5052 SINGAPORE R.Singapura, Eng 1400 & 1545; nx, ads, mx; severe RTTY(Weber)
- 5054 BRAZIL R.Cultura Guiaba, pop mx & ID, 0500*(Sparks)ID & local tunes 0230(Lobdell)
- 5055 VENEZ R. Litoral, 0200 sports; ID, s/off 0317; //R. Cultura, 5060(Field)
- 5059U UNID. Arabic-type songs, wild ME mx 0438; thot surely Yemen, but mx, uninter-rupted till 0530, changed to western classical type and Sp/Port type. M & W ann. at 0530, modulation too bad to copy, but lang pretty definitely Port. Angola? Poss. nx 0540; mx again 0545 to 0630. Some Afr type mx.(Hirst)

- 5060U UNID stn around 0500 under RTTY w/Arabic mx; thought S.Yemen, but signal level S9+40 is just too much; 25 Jan(Henderson)Arab lang 0602-0635 until KOed by RTTY (Kamp)
- 5115AT ECUADOR R.Centelina del Sur, Loja, definite Ecuadorian, typical mx; Sp anmt 0309(Williams)
- 5290 RSFSR(As) Krasnoyarsk, 0200 Russ ID: "Govorit Krasnoyarsk"; local Russ pgms; path is directly over North Pole(Behr)
- 5804 YEMEN Sanaa, Some say Sanaa no longer on this fqy, but & still hear Eastern mx around 0330-0400 & a lang that is definitely mid-east(Lemna)Arabic 0357, very weak, but hrd past 0422; no mx(Young)
- 5870U UNID here 0850 w/man in Russian; covered by NSS(Young)
- 5920 BYELORUSSIAN SSR Minsk, relaying Moscow HS 1945, I got my Minsk QSL via Moscow for this channel's transmission(Henderson)
- 5950U UNID LA stn in Sp to 0200 s/off; strong carrier, weak modulation(Behr) Likely R. Zelaya, Nicaragua(DF)
- 5954 COSTA RICA R. Casino, Eng w/frequent IDs & mx 0510(Volle)
- 5955 S.AFRICA SABC Eng Svc, local weather 0510(Wood)
- 5960U UNID. Is this the 10kw tx of Damascus, hrd 0420 w/Arabic chants, mx; good sig on 5 Feb?(Henderson)
- 5965 BRAZIL ZYU60, R. Guiaba, 0020-0103 pops, Port anmt 0045, ID 0056(Williams)
- 5980 GUYANA R.Demerara, 0930 Eng & Hindi ads(Goss)B.F.Goodrich ad in Eng 1045(Lobdell)
- 5980 LIBYA Tripoli, Arabic song 0530, 1st time in weeks(Hirst)Good w/Arabic nx & wailing mx after YSS s/off 0500(Sizer)
- 5985 TANZANIA R.Tan., on good nights w/highlife mx, ads, Swahili; after 0300(Sizer)
- 5985T PHILIPPINES(Tent)...new unsked VOA noted here 1200 w/Eng nx(Berghammer)
- 5985 ARGENTINA R. Splendid, good w/mx pgm(Field) Whoops, no time given.
- 5990 ECUADOR LV de Manabi, fair w/nx, tlk, IDs(Kamp)
- 6005 W.BERLIN RIAS, 0255 classical mx to 0315, when man ancr & short tone. Switch then?(Martin) Yes(DF)Ger mx 0130. CFCX mysteriously absent(Calkin)
- 6005 W.GERMANY RIAS, Munich, Ger na 0430, CFCX absent(2 days only)(Calkin)German talk 0645(Wood)
- 6015 IVORY COAST Abidjan, 0640-0730 Afr mx, mx 0730 in Fr, some Eng pops(Perry) Has 1.00 kw tx moved back here?(DF)
- 6030 W.GERMANY SDR, talk & classical mx 0520(R.Anderson)0700 gong & Ger nx(Lobdell)
- 6034wU UNID. Thailand? 1430 unusual IS, Chinese-type lang & ID: "Thini..."; Mybe Thai, same as in Jan issue?(Behr)
- 6035 HAITI R. Caraibes, 0430 mx pgm & clear ID as "R.Caraibes...Capital..."(Field)
- 6043.5 GREECE Forces BC Stn, Athens, clear multiple trumpet repeated IS at 0430; pgm of military band mx, IS 0500 & ID. Little QRM 18 Jan. Noted since(Calkin)Badly squeezed 0431 w/beautiful trumpet s/on & march(Henderson)0432 trumpet IS, ID & into band mx(Lobdell)Rel bcst 0530-0630, 1 Feb(Field) (Sizer)/
- 6055 AUSTRALIA RA, Darwin, 1230 Mandarin, new sked(Berghammer)Good 1115 w/Indon.
- 6055 BRAZIL R.Panamericana, 0000 sports, s/off 0101; fqy clear 18 Jan(Field)
- 6055 SWITZERLAND SBC, Eng to Eur 1930, //9665 which is much better(R.Anderson)
- 6055 RWANDA R.Rwanda, 0405 tlkby woman, Afr mx; Fr nx 0430; to 0545 w/mx, fade out (Field)S/on 0330 & into Swahili nx; "Ici Kigali at s/on, Afr mx(Calkin,Henderson)
- 6060 ARGENTINA R.Nacional, carrier on 0850, anthem, IDs 0900, into nx(Padula)
- 6060 SICILY Caltanissetta, Fr/Ger mx 0230, Italian/Eng 0300. Regular "Notturmo dall'Italia" pgm, relayed from MW outlets in Rome & Milano(Calkin)Light Italian mx 0735, Italian anmts. May have been nx 0800. //9515(Young)
- 6075 S.AFRICA SABC, s/on Afrikaans HS 0400 after mx-box IS & dove bird call; exc lvl (Niblack)S/on 0400 w/IS & ID(Burnett) (Henderson)/
- 6089 LUXEMBOURG RL, Fr/Flemish bcst of nice mx.1815; early opening of 49 mb, 25 Jan
- 6090 RSFSR(As) Irkutsk, 0255 Russ lang by M & W; bell IS 0300; anthem, nx(Young)
- 6090 MEXICO Rdif Mante, XECMT, daily 1255-1320 t/o w/Sp IDs, Mex mx(Hagerman) ID & LA vocals 1330(R.Anderson)
- 6093.5 SOMALI REP Mogadishu, Eng nx 1745(Wood)

- 6097 SOMALI REP Mogadishu, sometimes dug out of QRM, Colombia on 6095, DW on 6100; Afr lang after 0330; weak(Sizer)Good lvl 0330 s/on Arabic(Dexter)
- 6100 MALAYSIA R.Malaysia, 1230 Malay, unsked this time(Berghammer)
- 6100 VENEZUELAN time station audible thru QRM 0700(Burnett)
- 6104 INDONESIA(Java) Voice of Indonesia, Eng ID 1100, nx(Lobdell)
- 6115 CONGO REP RTC, Brazzaville, 0500 mx & Fr, //4765(Behr)0531 Afr mx, nx(Young)
- 6115 MEXICO R. Univ. de Sonora, 40/S9 at 2020. Good pgm of classical mx whole evening(Shaw)Cl. mx 0030, exc(Adkins)Good 0035 w/classical mx (Koukol)0100(Caldwell)
- 6125 COLOMBIA R. Continental, Sp ID 0100 after ORU s/off(Seth)
- 6130 LAOS RNL, 1130 Laotian mx under SFE Russian(Berghammer)
- 6135 VATICAN VR 0050-0105 Eng to ECNA, ex-6175, app testing(Berghammer)
- 6140 ECUADOR R.Vision de Manta, 0420 nice sig, good ID 0430; buried 0445 by BBC, DW (Martin)1140 Sp ID, sounds like 5 kw (Berghammer)
- 6140 BURUNDI Bujumbura, one day only, when Madrid was down to 6130; Fr anmts, piano mx, jazz; 2040 to 2100 s/off w/anthem(Padula)
- 6140 COLOMBIA R. El Sol, LA mx 0430(Clark)1154-1210 Sp, LA mx, nx, ads, ID(Patterson)
- 6140 MEXICO R. Univ. de Chihuahua, t/in 0400, continuous mx till 0556 carrier off. No ID; strong lvl, low modulation(Burnett)
- 6148 URUGUAY R.Monte Carlo, 0115 hetting VLR6, good IDs 24 Jan; not hrd since(Shaw)
- 6150 COSTA RICA R. Atenea or R. Guapiles?? Hard to get ID; Sp & mx 0400(Caldwell) R. Atenea(DF)
- 6165 ALBANIA "Govorit Tirana", opens & speaks 0300; good lvl, new fqy(Niblack)
- 6173 COLOMBIA Ecos del Combeima, new fqy, ex 4790, since 31 Jan; pops, ID 0500* (Sparks)
- 6173 COLOMBIA R. Valledupar, 1100 Sp ID 7 Feb(Berghammer)Mx, TCs, ads, from 0320 tune; good lvl(Dexter) Huh? What goes here??(DF)
- 6175 MALAYSIA What I think is Voice of Malaysia, Kuala Lumpur, shows up here on good evenings at the unusual time of 2315 whan s/on, after lengthy IS of chimes; into lang, pops. Fqy heavily QRMD(Niblack)
- 6175A TUNISIA Tunis 2306-2330 t/o, Arabic nx, mx(Williams) Not 6195?(DF)
- 6185 ETHIOPIA V. of Ethiopia, Addis Ababa; sometimes audible 0355-0400 checks, when noted in lang & native exotic mx; fine lvl. This on a Sunday(GMT), when spot is sometimes clear of other senders; later is completely covered(Niblack)
- 6195V TUNISIA Tunis, Arabic 2200(Berghammer)Over BBC 1915(Henderson)Mix BBC 0600, Arabic vocal(Martin)Fair 2330 s/off w/anthem(Koukol)
- 6200U UNID(see Feb. DF) LA stn here 1100(Berghammer)Peruvian 2355(Potter)S/off 0508; anthem sounded like that of Peru(Field)
- 6200U UNID here w/what was probably Arabic mx 0300-0050 on Monday(R. Anderson)Time?(DF)
- 6210 INTERNATIONAL WATERS Radio Nordsee International, 0205 tune to 0319 abrupt s/off during test tx, 7 Feb. Pop mx, IDs in Eng & Ger. Address is Box 113, 8047 Zurich, Switz. Had reappeared at 0350 & hrd past 0400(Calkin)Also noted 11 Feb, 0150-0400 & beyond(Calkin)28 Jan at 0728-0818; no ads; strong that one nite, but fqy covered since then(Craighead)From 0250 w/pops, light rock mx. (what's that? -DF)Finally an ID 0330 in Ger & Eng; good lvl(Sizer)From 0334 tune w/rock mx mostly; off w/tx troubles 0439(Dexter)
- 6250 PERU R. Cuzco, 0105-0130 LA mx, Sp, IDs(Williams)0107 Sp ID(Billingsley)
- 6250 EQ.GUINEA(Fernando Poo) Santa Isabel, Afr lang w/Sp words 0550(Wood)2233-2305* w/mx pgm, ID 2300, anthem 2303(Williams)0500 Sp ID & mx; new s/on time(Behr) Booming sigs to 2304 s/off(Koukol)
- 6290 N.KOREA Fyongyang, Korean HS to 1500 s/off w/anthem(Behr)
- 6300 PERU R.Miraflores, ID & s/off 0400 after 2 hours of mx selections(Field)
- 6535 N.KOREA Fyongyang, Eng to SEA 0800, ancd 6540, 15520(Young)
- 6600 Fyongyang, N.KOREA, HS 0830; mx, talks in Korean(Burnett)Kor 2200(Berghammer)
- 7019.62 SAUDI ARABIA Riyadh, 2100 exc sigs in HS w/ID 1850 (Henderson)
- 7110 DODECANESE IS VOA, Rhodes, local ID at s/on 0400(Calkin)
- 7110U UNID TS 0200, then 7 note organ IS, played 3 times; Russian anthem, Russian voices(Young)
- 7115 MORCCCO Sebaa-Aioun, 2130 Arabic(Berghammer)Arabic 0809-0834(Young)

- 7122 SOMALI REP Hargeisa, Somali talks, chants, anmts, -1540(Padula)
- 7135 MONTE CARLO RMC, s/on w/Fr ID 0515, mx; //6035(Marcus)MX & Fr 0705(Burnett)
- 7135 ENGLAND BBC, Fr 0430-0445 s/off; new fqy, //7105 Ascension(Behr)
- 7155 JORDAN Amman, 2215 thru severe QRM from Moscow 2215(Lemna)Details??(DF)
- 7155 PORTUGAL Been hearing all kinds of Port voices in high power. Eng pgmg. New campaign of transmissions? Various times 2000-2300 on 7155, 9525, 6025, 16340, 17880, 21495(Shaw)
- 7165 INDIA AIR, 0130-0215 Nepali, sked //6050, 9630(Berghammer)
- 7165 LIBYA El Beida, 0600 fair sig in Arabic(Martin)
- 7180 IRAQ Baghdad, man in Arabic 2210; good(Wilkner)
- 7189 ISRAEL Kol Israel HS, Arabic 0430; Eng mx 0500; QRM RFE 7190(Calkin)Beautiful oboe mx IS & into Yiddish mx 0400(Henderson)
- 7190 UNID man in French 2230; poor(Wilkner) Maybe Dahomey??(DF)
- 7190.75 CHINA Peking, Mao harangue 0730(Wood)
- 7195 S.AFRICA SABC, 2015-2030 Eng pgm w/mx in the Internal Svc(Wilkner)
- 7205 MOZAMBIQUE R. Pax, Beira, 1 Feb, s/on 0400 w/ID, brief rel bcst, then mx pgm to 0430 fade out(Field)
- 7210 CYPRUS ? BBC, Polish 2115-2145 s/off, //7110(Behr)
- 7210 SENEGAL Dakar, bombing in on this fqy 0700 in Fr; much mx, few IDs(Perry)
- 7215 PORTUGAL RFE, 0357 Polish, //7190; irregularly on 7245 instead of 7215(Behr)
- 7215 INDIA AIR, Eng 2155; instrumental mx; to Eur(Wilkner)S/on 1745 to Eur(Wood)
- 7215 IVORY COAST Abidjan, Fr talks 0745(Padula)
- 7215 S.AFRICA SABC, 100 kw, new fqy, Eng to SW Afr 0430(Behr)
- 7225 MOROCCO Rabat, man in Fr 0750, as late as 0900; WRTH lists this as Arabic Svc but that is concurrently on 7115(Padula)
- 7230 PHILIPPINES DZI9, English 1230; rather weak(Shaw)
- 7230 JAPAN NSB com'l stn, usually s/off 0500, but on later Sat/Sun w/relay of sports events to close 0745. In clear after 0730 when BBC off. Not to be confused w/NHK HS relay which s/on same fqy 0800(Padula)Well hrd 0700(Shaw)
- 7245 ANGOLA Emissora Oficial, s/on 0500 w/"AP" IS; not hrd consistently(Shaw)
- 7260 S.AFRICA SABC Afrikaans Svc s/on 0400(Wood)S/on 0500 w/ads, mx(Shaw)2110 to SW AFR in Afrikaans; 100 kw(Berghammer)
- 7270 SARAWAK RMS, 1220 man in lang lessons(Shaw)lang & mx 1205(Upton)
- 7270 S.AFRICA RSA, Zulu 0400-0412; Eng 0415-0427(Rowell)
- 7275 S.AFRICA Springbok Radio, 2145 Eng; buried by Moscow 2200(Perry)
- 7275 JAPAN NHK HS; Tokyo, German lesson 0730(Wood)
- 7306 NIGERIA(Biafra) R.Biafra, all mx 0500 past 0700, 14 Jan; no anmts 0600. On 15 Jan, ID as R.Nigeria & bcst call for surrender by Nigerian commander(Behr)
- 7230 CZECH Prague, Polish Svc, mx 0530(Wood)
- 8250 CLANDESTINE 2300 Greek anmts, recorded folk mx; frequent tx breaks & poor modulation suggest portable tx, possibly maritime, since in maritime band, 24 Jan(Berghammer)
- 9464 W.PAKISTAN R. Pakistan, 1845-1930 Turkish, Eng(Berghammer)
- 9504T SUDAN Omdurman tentatively the one 1935-2000 w/Arabic mx(?) 1935. Hrd Omdurman mentioned(Williams)2100 man in lang, Arabic sounding mx(Upton)
- 9509v W.PAKISTAN RP Interwing Svc, Islamabad; 1530 Bengali(Berghammer)
- 9510 CHILE R.Corporacion, pwrful sig, possibly pwr increase, 0600 past 0730 w/pops, ID as "R.Corporacion-Television Nacional de Chile"(Sparks)
- 9510 VENEZ R.Barquisimeto, 1400 Sp ID; back here from 9505(Berghammer)
- 9510 AFGHANISTAN Kabul, Ger talk 1745(Wood) (Young)
- 9515 SICILY Caltanissetta, lite mx 0754, Italian anmts; covered by Malagasy 8000
- 9535 ANGOLA R. Angola, mx 1630(Seth)poor at 0500 s/onn(Adkins)
- 9540 UNID. Mx pgm w/few selections in Eng & Eng ID 1035; "...broadcast...this is Voice of...government...voice of..." Other talking not in Eng, but did not recognize lang; faded by 1100(Field)
- 9540 NEW ZEALAND RMZ, Eng ID 0720; fair(Adkins)
- 9555 MEXICO La Hora Exacta, Sp talk & mx 1020-1030(Randall)
- 9560 JORDAN Amman, Eng 1630; weak & QRM(Calkin)To 1700 w/Eng mx(Marcus)

- 9570 NIGERIA RTV Kaduna, 0607-0620 Hausa & Eng; mx & singing(Patterson)0615(Shaw)
- 9570 AUSTRALIA RA, 1030 children's corner to SEA(Pestor)
- 9570 QATAR RQ, under RNE w/Arab mx 0410(Henderson)1505-1530 Arabic tlks, mx; Doha ment. several times(Williams)Arabic mx & talk pgm to 1910 s/off(Calkin)
- 9576v EL SALVADOR R.Comercial, Santa Ana, 1220 Sp ID, RA splatter(Berghammer) YSV
- 9580 ZAMBIA RZ, Lusaka, 0637-0700 Eng & 2 different Afr langs; QRM(Patterson)
- 9596 TUNISIA R.Tunis, 0530 Arabic, //11900; since 14 Jan on 9596, 6195. They refuse to QSL 9595; card came back for 11900(Behr)
- 9610 NORWAY RN, 0200 s/on Eng(Shaw)IS 0155, Eng ID, Nor. wx(Heggs) "Norway this Week" 0400(Wood)0205(Fisher)
- 9610 MAURITANIA Nouakchott, s/on 0800 w/guitar IS, into Arabic chanting(Sunday). //7245. Arabic amts & mx past 0845(Young)
- 9625 SWEDEN RS, Russian 0830, Fr 0930(Wood)Swedish nx 1010(Randall)
- 9630 INDIA AIR, sitar mx, tentative ID 1857(Lemna)
- 9635 COLOMBIA R.Nacional, Sp nx, ads, IDs, around 1200(Randall)Sp mx 1200(Berghammer)
- 9634v EGYPT Cairo, 1900 Arabic, //9475; some days on 9630; varies(Behr)
- 9637 S.KOREA VOFK, Eng nx 1100 for Asia; drift from 9640(Padula)
- 9650 CHILE R. Yungay, s/on 1000, but HCJB splatter; not often hrd(Padula)
- 9675 INDIA AIR, s/on Hindi nx 0215(Berghammer)
- 9675 PERU R. Del Pacifico, back on this fqy; ID 1145(Field) (Dexter)/
- 9680 GUATEMALA R.Nacional - LV de Quezaltenango, marimba mx from 0305 tune; new fqy?
- 9690 RWANDA D.Welle, 0545 Eng & mx, //11905(Behr)
- 9690 CHILE LV de Chile, 0330 Sp cmtry; frequent IDs; "Pomp & Circumstance"(Caldwell)
- 9695 S.AFRICA R.RSA, Eng to NA 2330-0320, ex-9715, //9705, 11875, 15220(Behr, Heggs, Leichleiter, Kling, R.Anderson, Berghammer)Would have done better here if they had kept 9715 & dropped 9705(DF)
- 9699 W.PAKISTAN R. Pak., 1600-1700 Persian; QRM Sofia(Berghammer)
- 9700 FRANCE ORTF, s/on Fr by YL 1900(Lemna)
- 9705 ETHIOPIA ETLF, 1800-1855 Eng, mix RFE(Berghammer)
- 9707 CHINA Peking, 2000-2100 Mandarin, QRM RFE(Berghammer)
- 9715 CYPRUS CBC, Nicosia, ex 11910; Greek songs 2030; s/off 2100 after Eng & Greek IDs; QRM Riyadh-9720(Padula)
- 9720 SAUDI ARABIA Riyadh, s/on Arabic 0300, then Mezzin; //11952(Seth)
- 9725CYPRUS?? BBC, 0300 Eng mx; 0323 under ETLF(Behr)
- 9725 MALAYSIA EBC, unknown lang 1515 ID(Adkins)
- 9730 BRAZIL R.Farroupilha, 0030 Port pgm, ID(Behr)
- 9750 CHILE R.Mineria, s/on 0927, catchy jingle ID 0930(Padula)
- 9765 TAIWAN BED66, 1800 Eng to Eur; exc lvl(Behr)
- 9912 INDIA AIR, Eng 2145,mx(Wilkner)Eng nx 2200(Volle)Eng to 2230 s/off(Patterson) Eng 2030(Dressel)
- 10043v N.VIETNAM Hanoi, Viet talks 1035; Eng 2300(Padula)Eng 2300-2330(Sizer)
- 10043v CLANDESTINE. S/off 0028 Indonesian, 26 Jan; Peking audio, no IS & not sked; pgm by Indonesian communist party, probably(Berghammer)
- 11505 CLANDESTINE R.Port.Livre, often good in Port 1900-1956* w/Port anthem(Behr)
- 11620 INDIA AIR, Eng nx 1900 to Eur(Berghammer)
- 11630 EGYPT Cairo in Arabic 2330(Berghammer)
- 11650 E.PAKISTAN Dacca, Eng nx 1500(Calkin)Eng, mx, 1620(Behr)1630-1730 lang(Rowell)
- 11700 MONACO TWR, 1900 Eng in revised sked(Berghamer)
- 11704 W.PAKISTAN R.Pak., Interwing Svc, Islamabad, Urdu 0230(Berghammer)
- 11710 AUSTRALIA RA, 1230 mx & nx(Hichs), Callaway)Eng 0900-0910*(Kling)
- 11735 MOROCCO RTVM, 0130 mx & lang tlk about Abba Eban & Israel(Upton)2230-0000 Sp to LA; mix Norway; sked //15360(Berghammer)
- 11763v N.KOREA KCBS, 0100-0200 Sp, //16320(Berghammer)
- 11770 INDONESIA V.of Indonesia, Djakarta, s/off Eng 0000, into Malay(Burnett)
- 11782 MOZAMBIQUE RCM, Eng pops 0330; Port ID 0400(Calkin)Eng, mx, 0330; QRM HCJB Wilkner)Eng/Afrikaans 0355(R.Anderson)0310(Swanson)Eng pops, ads, 0400(Perry) Eng pops, ads 0320(Sizer)Eng pops 0345(Goss)

- 11781v ARGENTINA R. Belgrano, 0500 Sp, //9682v(Berghammer)0330 Sp & Eng IDs(Caldwell)
0030 Sp nx(Marcus)0250 Sp(Perry)0130 Sp ID; increased pwr?(Potter)
- 11782 IRAQ Baghdad, 1403 Arabic chanting(Potter)
- 11792v BRAZIL R. Nacional, Rio, 0100 Port sports, since 17 Jan on 11796; varies(Behr)
- 11793v Indonesia RRI, Djakarta, 2330-0000 Eng; low modulation(Berghammer)
- 11802v CEYLON R. Ceylon, Eng ID 0200 tune(Shaw)1520-1602 t/o w/native mx; Eng ads & IDs
(Tuchscherer)Oriental mx & anmts 1612-1732 close(Craighead)Mx & Hindi type lang
1550(Marcus) Past 0200(Seth)
- 11803v E. PAKISTAN Dacca, Urdu chanting 0130, 25 Jan(Berghammer)
- 11805 PHILIPPINES VOA, Tinang, Thai 2330(Berghammer)
- 11825 TAHITI R. Tahiti, great sigs after 0300 s/on. Tahitian lang mx items for the
islands; Polynesian mx(Sizer)0400 mx & lang; Fr ID(Caldwell)S/off 0757 w/"LM".
(Burnett)Fr TC 0600(Martin) Tahitian talk 0430(Marcus)
- 11825 TAIWAN VOFC, 1200-1230 Viet(Berghammer)Chinese 1115(Marcus)
- 11825 KUWAIT RK, very strong 1415 w/Arabic mx, //11940(Potter)
- 11830 RYUKYU IS VOA, Okinawa Mandarin 2330(Berghammer)
- 11830 N. ZEALAND RNZ, fair w/Eng mx 0900(Marcus)Eng 0900(Kling)
- 11834v SUDAN Omdurman, Arabic 2100, //4993; QRM Algiers, up 1.(Berghammer)
- 11845 MOZAMBIQUE RCM, 0500 Port ID: "A Voz de Moçambique"; pops & pgmg in
vernaculars(Sizer)
- 11850 MALAYSIA(Malaya) BECFES, from 11815; Eng 0000(Berghammer)WS 0030(Marcus)
- 11885 W. PAKISTAN Karachi, 0200 TS & ID; seems //11705(Behr)
- 11900 CHILE LV de Chile, CE11900, Valparaiso, 0000 IS, ads; has been absent from the
dials for quite a while(Niblack)
- 11900 S. AFRICA R. RSA, Eng to W. Afr 2100-2150(Marshall)Eng 0500 to Afr(Cassorla)
1430 Eng Saturday sports(Berghammer)
- 11900 TUNISIA Tunis, Italian behind RSA; 0245(Goss)
- 11903 INDONESIA R. Angkatan Udara, 1230 Indonesian(Berghammer)
- 11905 RWANDA DW, Eng 0600-0630(Kling) Ger mx 1900(R. Anderson)
- 11910T PHILIPPINES Tentative logging of SEARV test 1830; played "Joy to the World"
IS repeated; ID & request for reports; QRM Canada from 1835(Calkin)
- 11910 CYPRUS BBC EMR, s/on Thai 1315(Berghammer)
- 11930 AUSTRALIA RA, 1943 pops & Australia mx; mx 2000(Tuchscherer)
- 11940 KUWAIT RK, s/on 0400 to s/off around 0735; all Arabic(Padula)1755(Wilkner)
- 11947 PARAGUAY R. Encarnacion, sports event 0110; poor; out by 0135(Martin)
- 11960 EL SALVADOR YSS, 2 x 5980, 1615 w/positive ID in Sp; mix VOA(Potter)
- 11965 RWANDA DW, 2045 tlk about culture film literature(Pestor)
- 11970 NEPAL. Best time for ECNA DXers to log Nepal is Sunday mornings 0120-0200 when
the stns on 11965 & 11975 are gone(Henderson)Checked on a recent Sunday & both
11965 & 11975 were still there & spluttering; but did managed to find Nepal(DF)
Native mx 0135(Koukol)Strange mx 0220; smeared by jammer 0300(R. Anderson) I
believe that jammer is after a R. Liberty tx on same fqy. Right?(DF)FE mx 0200
(Lemna)Most nights from 0130 fade in(Calkin)0125 tune to 0300 local mx, YL anc
(Perry)
- 12000 AUSTRALIA VNG time stn; ID 0700(Calkin)
- 15080 INDIA AIR, weak 1900 Eng nx(Marcus)Eng to Afr 1900(Berghammer)1900(Goss)
- 15084 IRAN Teheran, 1500 Persian; also 0330 some days; new fqy(Behr)
- 15105 BRAZIL R. Rural, 2320 Port; good(Rowell)
- 15130 E. PAKISTAN R. Pak., Dacca, 1300 Bengali ID, talks; ex 15520(Berghammer)
- 15135 BRAZIL R. Panamericana, Sao Paulo, pop mx, s/off 0300(Sizer)
- 15150 KUWAIT RK, s/off 1910 after nx & ID(Berghammer)
- 15165.5 S. KOREA VOFK, Seoul, Eng to Eur 0600; drifts(Wood)
- 15200 AUSTRIA Vienna, German news 1800(Wood)
- 15201v ALGERIA RTVA, 1200 Fr, Arabic chanting; Moscow down 1.(Berghammer)
- 15210 VATICAN VR, IS, ID, s/on Fr & Italian - mixed; 1740-1755(Mitchell)
- 15223v BRAZIL R. Cultura da Bahia, Port 1000(Berghammer) (Berghammer),
- 15240v W. PAKISTAN RP, Karachi, 1335-1350 Eng dictation nx, //15418v, 17945, 21589v
- 15245 FRANCE ORTF, Fr cmtry 1915 (Mitchell)Eng 1930-1945(Kling)

- 15250 S.AFRICA R.RSA, 1800-1850 Eng to UK, //21480, ex 17795(Berghammer)
- 15250 HOLLAND R.Nederland, apparently test here 1800 Dutch, //15220(Berghammer)
- 15280 HAITI R. 4VEH, Eng rel pgm 1450 tune; s/off 1503(Hicks)
- 15285 GHANA R. Ghana, s/on 1815; poor w/Eng to Afr(Heggs)
- 15290 ARGENTINA R. El Mundo, ID 2230 in So(Seth)S/on 0800 w/chimes, calcs, fqys; on a recent Sunday ended concert 1855 & gave Eng & Sp ID, s/off 0900(Padula)
- 15360 W.PAKISTAN R. Pak., Karachi, end Urdu nx 0400(Wood)
- 15360 MOROCCO Rabat sticks here w/Sp to LA; nx 2230(Padula)
- 15380 RWANDA DW, Kigali, 2030 sports, market report(Pestor)
- 15405 KUWAIT RK, 1600-1900 Eng; returned from 15345(Berghammer)
- 15415 BRAZIL R.Clube Ribeirao Preto from 2335 tune w/mx & tlk(Dexter)0015 Port tunes (Lobdell) Futebol 0100(Sizer)
- 15420 CYPRUS BBC, 1715 nx in Eng; then sked of pgms for Afr Svc(Billingsley)
- 15420 PHILIPPINES SEARV, 0030 s/on, test tx; chimes playing "Joy to the World"; Eng ID & request for reports to PO Box 4148 Manila every 10 minutes(Sparks, Shaw)
- 15425 AUSTRALIA ABC, Perth, fair w/pops 2330(R.Anderson)Mx, regional nx 2345(Sizer) News 0430; heavy QRM(Mitchell)
- 15430 S.KOREA s/off w/anthem 0400(Wood)Sp 0230(R.Anderson)0300Eng to NA(Lobdell)
- 15440 PHILIPPINES FEBC, s/on Eng 2330 w/mx(Lobdell) See Feb. Apparently the stn thot to be Seychelles is really FEBC(DF)
- 15440 MONGOLIA Ulan Bator, weak 1220 when s/on Eng; M & W ancr to 1240 off; on again 1245 in lang; 30 Jan(Patterson)
- 15519 E.PAKISTAN Dacca, IS 0058; s/on Urdu 0100(Young)
- 15910 RSFSR(Eur) R. Moscow tx link (AM) 1400 in Laotian(Berghammer)
- 16300U UNID relay of Portugal-Angola futebol match 1400(Berghammer) (Rowell)
- 17670 EGYPT Cairo, Arabic conversation 1543; bells on the hour(Yung)Arab 1725
- 17715 AUSTRALIA RA, Darwin, pwrful 0400 Eng nx; used by Shepparton at other times (Padula)
- 17720 CONGO REP Brazzaville, 1820 Fr; QRM WINB(Rowell)1930 Eng nx, under WINB(Behr)
- 17725 EGYPT Cairo, Afr lang 1730(Rowell) 2030-2200 Eng "Voice of Africa(Berghammer)
- 17730 RUMANIA R.Bucharest, 1730 French; QRM ORTF in Arabic(Behr)
- 17740 ITALY RAI, 1430 "Italia Sports" for Canadian bcsters; new, unsked this time; //17795, 21560, 21695(Berghammer)
- 17750A VATICAN VR, s/off Eng to Afr 1950(R.Anderson)
- 17795 VATICAN VR, 1620-1635 Eng to E. Afr, //11700, 15210(Berghammer)
- 17798v WPAKISTAN RP, Karachi, 1200-1220, Bengali nx, //21589v(Berghammer)
- 17800 RWANDA DW, Kigali, 2300 to SA(Pestor) Lang?(DF)
- 17810 PHILIPPINES FEBC, strong nitely from around 0030 w/Mandarin; IS 0100; into a different Asian lang(Potter)
- 17850 RUMANIA Bucharest, Eng 1300-1315(Kling); Eng to Eur 1300-1330(Berghammer)
- 17875 CYPRUS CBC, Nicosia, 1500 Greek ID, under DW, Sunday(Berghammer)After DW close 1510 to VOA s/on 1600(Craighead)
- 17880 E.GERMANY RBI, Eng 1530(Seth)Hindi to India 1140-1200, //21540(Berghammer) World news 1520(Banta) Lang?(DF)
- 17880 AUSTRIA Vienna, IS 1656-1700; covered by a carrier 1700(Young)
- 17885 VATICAN VR, 1505-1515 Eng to S.As., //21560(Berghammer)
- 17945 W.PAKISTAN Karachi, 1340-1350 Eng nx(Callaway) Eng nx 1330(Mitchell)Wx & nx 1505(Banta)Nx in Eng 1341-1350(Perry)Eng nx 1340-1350*(Goss)
- 21580 INDIA AIR, 1115-1130 Fr to E.As, sked //17705 unhrd(Berghammer)
- 21580 EGYPT Cairo, Arabic after 1530(Seth)
- 21600 S.AFRICA R. RSA, 1500-1530 Zulu/Swahili, ex 21535(Berghammer)
- 21605 AFGHANISTAN Kabul, s/on 1158 w/ID, stringed instrument IS, into Pusto 1200 (Padula, Marcus, Calkin)
- 21700 PORTUGAL R. Port., 1713 IS, anthem, s/on anmts(Young) Presume Portuguese?(DF)
- 25840U ...VOA here1732 to Afr in lang; off 1800; // 25920, 25950(Young)
- 25900U ...VOA, Eng to SEA 0015(Cassorla)...
- 25900U UNID in Fr(?) 1733; Eng ID 1735, but not read; does not seem to be VOA(Young)

26000 QTH??? VOA, Russian 1600-1800*; no ID at s/off; many VOA outlets again failing to announce location(Behr)(Young)

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That must be a record for number of reporters - 72. Our thanks for sharing your loggings with others.

***Al Drehman says the Dom Rep stn on 2379 is R. Merengue, listed for 1210MW, so would not be a harmonic. Spurious, maybe? (Drehman)

***HCJB parasitics hrd early February at 0130 include 15020, 15067, 15144, 15162, with 15067 and 15144 almost as strong as 15115. (Potter)

***Have IDd the 9590 reported by Ernest Behr. Gordon Nelson of NRC says it's the Malaysian Liberation Army, clandestine located in SW China. I hrd it too around 2320. Re 7120U, there are at least 2, maybe 3 Soviet ISs of ten notes...Mayak & Moscow I, at least....11880; no, it's XEHH, XERR is on 15110 hi hi. (Hauser) Those Mexicans giving me fits lately. Also, forgot to include Glenn in the credit list, so that's 73 reporters this time. (DF)

Once again I ask that you include full details on reports of loggings of the rarer stations. This does not necessarily mean a minute by half minutes account of what was heard. It does mean that you give a description of the program heard, that you say more than you heard the station in French, for example. It is easy to fall into the habit of just listing the station, language and time, but it should be avoided. Please, give full details on the rare stations.

With a few lines left, I'll mention that members submit their loggings to this column expecting that they will be given credit for those loggings. It is not possible to justify the widespread practice of quoting from club bulletins without giving credit to the individual originating the item and to the club whose publication is being quoted. The claim that there is not sufficient space to give such credit is false; just check any of the publications which engage in this practice and you will find plenty of space left over which could have been used for giving proper credit.

Dan Ferguson

FLASH
Last minit news/tips



SHEET *****
Last minit news/tips

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

* * * * *

A few opening remarks - propagation must be good as witness the fine DX items reported to the Flash Sheet Department. Low band DXing should continue to improve as the sunspot count continues to drop.

ARGENTINA: RAE heard S/off at 2352 in English, 11710, poor modulation (Rich Anderson, Ill.)

AUSTRIA: 15200 Austrian Radio S/on at 1800, English news 1830, new fqy, parallels 15210. (August Balbi, Calif.)...Vienna noted at 1839 in English on 15200; opens at 1830 on week days. (Grady Ferguson, No. Carolina)

BELGIUM: "Belgium Speaking" is now aired on 9550, 2305-2315. (Rich Anderson)

BLAFRA: (More on the last days of Biafra) Excerpt from letter from P.C. Chigbo, dated 23 January: "Regular broadcast from R. Biafra ceased on 12/13 January; and, makeshift broadcast continued until 13/14 January". (Professor J. Alan Hickrod, Ill.)

BOLIVIA: CP75, 5025, logged closing at 0305, in Spanish, English (Dick Heggs, Canada)

BOTSWANA: 4845 R. Botswana finally heard with S/on in lingo. (Dan Henderson, Maryland)

CEYLON: 15120 R. Ceylon Cm Svc logged 0200 in English. (Don Adams, No. Carolina)

CONGO (R): Brazzaville, 21580, 15190, English including news 2015-2100, relay of ORTF, good lvl. (August Balbi)

CONGO (PR): Voice of Afr. Bro'hood, Lumbumbashi, 11866, noted with English news from 1930-1937, they seem to be varying in fqy. (Dick Heggs)...This one is being heard again at 1900 checks. (Kris Lemna, Indiana)

DOMINICAN REP: L.V. de Papagayo, 5030, hrd 2240, religious prgm. (Al Sizer, Conn.)

FIJI: (FLASH...FLASH) Fiji on 7195, 2/18, 0830 in English with BIG power. ABC news at 0900, followed by token Fiji news. Good ID heard. (Ed Shaw, Calif.)

GERMANY (W): Bayerischer Rundfunk, 6085, fair, 0600, news in German. (Bill Martin, Dela.)

GILBERT & ELLICE IS: (FLASH) 4912.5 Tarawa weak at 0830 amidst QRM (Geo. Fisher, Colo.)

GREENLAND: 3999 Godthabb heard in lingo from 1016-1100. (Hank Michalenska, R. I.)

GULANA (FR): ORTF, Cayenne, heard on 3385 from 0933 to 1000, Fr. 45444 (Hank Michalenska)

INDIA: AIR, 15235, S/on 0030, English ID, weak, QRM de NHK at 0055. (August Balbi)

INTERNATIONAL WATERS: (FLASH.) 6210 R. Nordsee International initially noted 2/16, 2145A, with pops, ID about every 15 minutes. "This is the sound of Europe, R. Nordsee International on test transmission...". Signal good, station is located on Radio Ship M/S Nebo, anchored 15 miles north Belgium, using 10kW. (John Figliozzi, N.Y.)...RNI is a pirate station off the Dutch Coast that is heard irregularly. Good signal on 2/11, 2145, English, French, German, and Dutch languages. (Dan Henderson)...RNI logged at 0525, 6210, featuring pop music, good modulation. (Bill Matthews, Ohio)...RNI, 6210, found testing, 0725, English pops, asking for reports. Ute makes for poor signal. (Bill Martin)...The new Radio Nordsee, 6210, heard in German and English with powerful sigs, 0250-0330, with pops, asking for reports to: R.N.I., P. O. Box 113, CH 8047, Zurich, Switzerland. Long wait between IDs. (Al Sizer) (END OF FLASHES)

IRAN: (FLASH) R. Teheran heard on 9020 in English from 2000, Persian 2030-2128 S/off; at 0330 past 0600 on 15085. (Ernie Behr, Canada)...R. Iran heard with best reception yet on new 9020, with Fr. 1930, English 2000, Farsi 2030. (Al Sizer)

ISRAEL: 7189 (FLASH) Kol Israel heard 0500, English news by a YL. (Dan Henderson)

KUWAIT: R. Kuwait is now back on 15405 for the 1600-1900 period. (Don Adams)...Heard S/on at 1600 back to 15405, excellent sigs. (Rich Anderson)...15405 KBS, ex 15345, with English 1700-1900, news 1830, fair. (August Balbi)...Kuwait now operating on the old 1600-1900, plenty of pops, news at 1830 noted. (Grady Ferguson)...R. Kuwait heard from 0545-0610 in English, 17750, with songs from "Oklahoma". (Dick Heggs)

Please Turn Over

LUXEMBOURG: R. Luxembourg heard at 2200, fair lvl, pops, and quickie cms. (Don Adams)
...6089 R. Luxembourg heard with French/Flemish boast of nice music at 1815, easy listening lvl, no pain, no strain. (Dan Henderson)

MALAGASY REP: Station that S/on at 0300 with native drum beats then into more conventional music IS, then into language and pops, is Tananarive, 3232 (Al Niblack, Ind.)

MEXICO: R. Mexico seems to have changed to 9745, noted 2/8, rechecked nightly; ID clearly heard at 0220, but are smothered by HCJB. (Dick Heggs)

PAKISTAN: APK, Karachi, on 9465, with English, 1945-2030. (Ernie Behr, Canada)... Karachi, 9465, heard with news by YL at 2010, 2015 music. (John Tuchscherer, Wisc.)

PAKISTAN (E): 11645 Dacca tuned 2/15, at 1425, w M&W in English. (Grady Ferguson)

PAPUA: 4890 Port Moresby heard with English, music, ID, 1200 (Robert Byers, Canada)

PHILIPPINES: 15440 FEBC, Manila, logged in English from 1535-1630; boast consisted of news and religious prgmg, many ID, beamed to India. (John Banta, New York)

QATAR: (FLASH) Doha heard here 2/3, under RNE Espana with Arabic music at 0410, 9570; Good signal lvl but soon covered. (Dan Henderson)

SAUDI ARABIA: 15149.5 M Seemingly Djeddah noted with powerful transmitter S/on at 0200, with "Voice of Islam" prgm, no IS heard, all Arabic. (Don Jensen, Wisc.)

SIERRA LEONE: SLBS, tentatively, on 3316, with IS of flute like instrument 0558, S/on by M 0600; cigarette comm'l heard at 0615. (Del Hirst, Texas)

SOMALI REP: 6097.8 M Mogadiscio heard for the first time since 1965, at 0400, good lvl, though is badly squeezed, splatter really hurts reception. (Dan Henderson)

SO. AFRICA: Radio RSA replaced 9715 to N.A. 1 March, with new 9695, at 2330-0320. Will drop 15220, using only 11875, 9705, and 9695. (Balbi, Calif.)... Radio RSA heard 1/31, 1820-1850 closing, on new 15250 in English to United Kingdom (John Tuchscherer)

TANZANIA ZANZIBAR: 3339 Was quite happy with this one. Have found they peak about 0340, then begin fading. You can almost watch the ionization take place! At time of this logging sunrise there was 0322. (Dan Ferguson, Florida)... Radio Tanzania Zanzibar, 3339, heard weakly with IS and S/on at 0330, 2/12. (Dan Henderson)

UGANDA: (FLASH) 5026.5 R. Uganda, Kampala, weak lvl with M&W in English, 0345, S/on. Fade out by 0400, 2/17, with R. Continente missing. (George Fisher)

USSR: 5015 Radio Archangelsk in Russian HS, heard at 0415, with this ID, no doubt about it. Good copy, wake-up excersises. (Dan Henderson)... Vladivostok, 5015, heard like local 1226-1330 t/o. Man talked, music 1226-1300, then definite ID by W as, "Goverit Vladivostok", heard vry clearly. Anthem at 1311. (Steve Kamp, Texas) (Editor's note: The ID of this station has been footballed around for years - a check of the Great Circle route will show some interesting points on this one. Is there a fluent Russian speaker among us?)... 4940 Radio Keiv heard with usual good signal here at 0445, talks in Russian. This is a good way to QSL this one. (Dan Henderson)

VIETNAM (N): (FLASH) 10030 Voice of Vietnam, Hanoi, seems to have altered sked somewhat. Noted here daily with varying fqy, at 1330 in English, with late messages of American POWs to families here in the states; noted also on 11995/12025A, 1300-1430, with intervals of English to American GIs, French and Japanese. Is not as strong as 10030. (John Figliozzi)... 10050 (FLASH) Hanoi heard with English boast to U.S. soldiers in So. Vietnam, opening at 2300, poor lvl signal. (Bill Martin)

YEMEN: 5804 Radio Sanaa heard with music and man amnr at 0340. (Kris Lemna)

JANUARY 1970: SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY 2-6-70- 1-117, 2-84, 3-79, 4-70, 5-77, 6-58, 7-31, 8-38, 9-60, 10-85, 11-108, 12-154, 13-147, 14-174, 15-157, 16-147, 17-162, 18-170, 19-167, 20-135, 21-120, 22-106, 23-80, 24-74, 25-99, 26-125, 27-132, 28-158, 29-156, 30-143, 31-154 MEAN--115.4

PREDICTED: FEB-92 MAR-90 APR-88 MAY-86 JUN-84 JUL-82 (Grady Ferguson)

ERRATUM: (PLEASE SEE LAST MONTH'S FS) I made a boo-hoo on listing reception of Tromso, Norway, on 7210; WRH so listed, R. Norway so confirmed via QSL, but immediately corrected by them as, "Frederikstad" as Tromso operates on 7240. (Al Sizer)... The station listed on 15420 in last month's release as FEBA, Seychelles, is actually, SEARV, PHILIPPINES, checks show. (Bill Sparks, Calif.)... My listing of FEBA, Seychelles, on 15440, is a mistake; actually, it IS FEBC, Manila. (Marv Robbins, Nebr.)

ACKNOWLEDGEMENT: Thanks for the splendid support this month from many contributors. Keep shootin' 'em in, the DX items. For FLASHES call 882-3976. 73 to All, AL