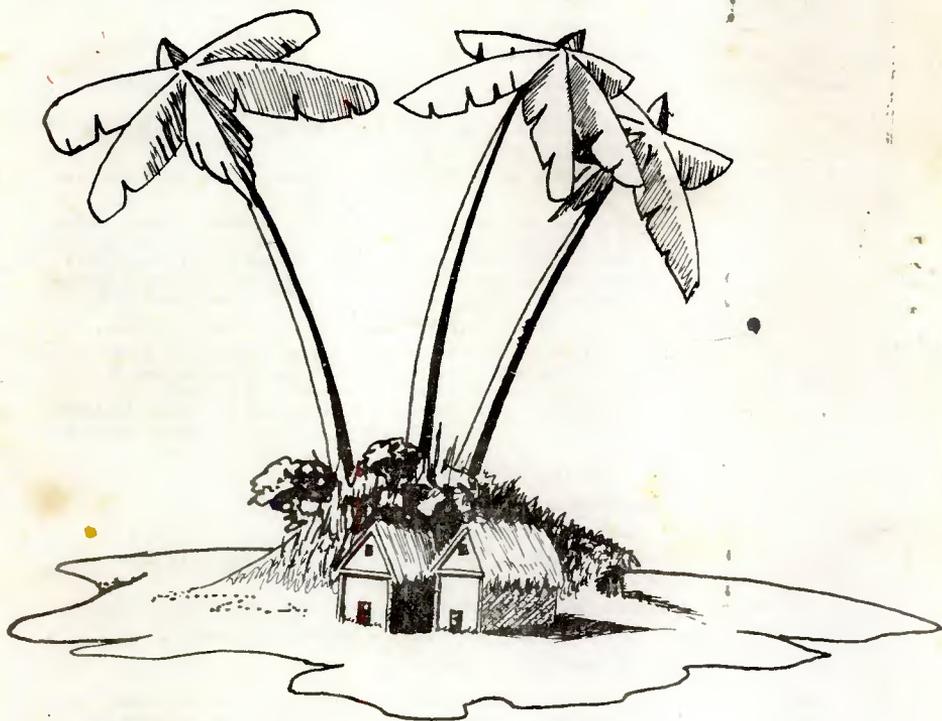


North American Short Wave Association

F R E N D X

SWBC NEWS 1-75



Award certificates have now been printed and shipped to Dan Henderson for the Pacific DXer, Emissora Nacional DXer, VoA, and ORTF awards. Above drawing by NASWA member Diane Levesque appears on the Pacific award.

CHARLIE'S NEW YEAR'S RESOLUTIONS

Here we are, having stepped or fallen as the case may be, into a bright New Year! And while 1975 is still in its youth, I thought I'd brighten it up for you by sharing my New Year's resolutions. It'll be a kind of preview for you of what I'll be accomplishing over the next twelve months. And, as I offered some years back, you are welcome to check me in December in case you really doubt that ol' Charlie will keep every one of them!

1. Make a renewed effort to hear Radio Hong Kong.
2. Learn how to spell "Podjono."
3. Join the Radio Olinda DX Club.
4. Start keeping a log.
5. Write an article about Radio Nederland for my club bulletin. It's about time some of these lesser-known stations were covered by the DX press!
6. Raise the dues for membership in the International WorldWide Continental DX Association. The way stamps are going up I'll have to cut down on my reception reporting if something isn't done!
7. Arrange for a visit to the Radio Mogadishu monitoring station.
8. Get all the new HCJB QSL cards.
9. Upgrade my shack. About time I got a pair of headphones and added a wire recorder.
10. Learn to recognize Mid-Waghi and brush up on my Police Motu.
11. Send a spicy letter to Radio Zanzibar.
12. Buy a cerebral filter fro my DX-150.
13. Start a private newsletter specializing in Pacific Ocean stations operating on 80 meters.
14. Accept that offer of a lecture tour on the design and use of logging sheets and bandspread calibration charts.
15. Do some research into the history and development of Ethiopian interval signals.
16. Put my Research and Development team to work on building a gadget which will show an electronic digital readout of sunrise/sunset times at any point in the world for anytime of the year. Should also readout world postal information, daylight time conversion factors and contain a three channel WWV monitor. All in handy attache-case size for under \$700.
17. Start a "YL of the Month" fold-out feature in the IWWCDXA Bulletin.
18. Check out a rumor of an underground unit operating among the vice presidents of the Stale News Radio Club. The group is believed to favor adding a new section on VLF reception using car radio converters. Front piece is suppose to be green and the entire bulletin would be re-aligned so that all the colors fall in the proper spectrum sequence.
19. Replace the dial lamp in my DX-150.
20. Dust my shack and set a mousetrap.
21. File all those 1970 Havana schedules away.
22. Take a cruise through the Indian Ocean so I can log goodies like the Seychelles, Maldives, Mauritius and Galapagos.
23. Get my antenna unsnarled from the weeping willow tree in the backyard.
24. Attend a hamfest and sell my collection of QSL card samples.
25. Chop down the weeping willow tree.

And that should be enough to challenge even my ability to get things done! Yours are certainly simpler and fewer in number, so if I can keep mine you have no excuse for not keeping yours. Calibrate your bandspread, verify KGEI and keep tuning in Loudenboomer in 1975!

Shortwave Center

Charles A. Wootten
4911 Battery Lane, Apt. 1
Bethesda, Maryland, 20014

Ouch!

or

How to be the S W C Editor without trying!
(or: Sorry, Charlie!)

Let's all give a mighty round of applause to Ed Shaw for his top-notch work as Editor of SWC these past many months. I, for one, have enjoyed very much the quality of articles, technical notes and comments that have appeared in this column under Ed's able direction. Before long, each of you will find out how much he will be missed! Seriously, though, this section is only as good as you make it. Anything that has to do with the hobby can, and will, be used on these pages.

Politics, religion and sex have often been regarded as "forbidden" topics. The reasons for this are varied and much too controversial to be listed here. I would like to modify some of those "rules" and say that if the subjects have anything to do with short wave, send it in...and if it is printable, I'll print it.

There have been many occasions when several of you have spent weeks researching material for articles that were very well written and interesting. Why can't more of us do the same thing? Even if some of us can't, I am sure that there is something you would like to write about, even if it is just a small paragraph. A page of SWC can be reserved for a "DX Forum" if there are enough people interested. DON'T let that last sentence scare you. By "enough" we mean more than two. If two DXers get together, there will undoubtedly be that many points of view on the same subject. Another idea is that each of us receives information about stations as they send us their QSL's, schedules, or whatever. Over a period of time we should have enough of the material in that particular station's folder to write up a summary about that station's activities. Everybody likes to see their name in print - even the guys on The 10 Most Wanted List!

Print, write, type, draw - I do not care how you get information, etc., to SWC, but get it here! You may know something that would help another DXer in furthering his career in this fantastic hobby of ours. Pictures and illustrations are most welcomed. If you write a blurb about a station, send in their mast-head as an illustration. Any material will be returned upon request if an SASE is enclosed.

As many of you know, I have as little experience in the hobby as anyone. After only first heard of short wave listening a little less than three years ago, my experience is limited to what I know - and that is not much. So, if I can put forth some effort based on my limited knowledge, just imagine what you guys who know more than I can do! SWC is not the only column that needs your support. "Log Report", "Listener's Notebook", "QSL Report", and the "Clandestine Bulletin" editors would also appreciate hearing from you. As a member of many clubs around the world, I will have to admit that **NASWA** is the best SW Club in existence. The reason for that is YOUR support. DO IT TODAY!

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MORAL: A CLUB CANNOT EXIST WITHOUT THE POWER BEHIND IT: YOU !!

QUE ES LA FEDERACIÓN?

by

Ernst G. Löhe

I'll bet you don't know. Even if you have listened to HCSK on 4960 kHz. One morning last year I tuned into a station that I had never heard before. Even the language was unknown and the music was unusual. Finally a Spanish announcement was made: "Radio Federación". A new and exciting catch indeed! Then, the normal routine: making notes, writing a report, hoping for luck. Some weeks later the mail man dropped sort of a newspaper in the letter box. It was something called "CHICHAM". Chicham...what!? It's Indian, I found out, and means message. And: it really is!

There are some 17 thousand Ecuadorians who are called "Shuar" (Indios living between the Rio Paztaza and Rio Santiago in the so-called "Oriente" of the country.) In the early '60's some people volunteered to bring a simple message to these Indians in order to establish self confidence, and to tell them about their history. Indios "...to live like human beings with elementary rights, free to decide their proper way, and to take care of their very own soil. Indios who should look ahead as contributors to society rather than accepting whatever civilization may offer." It means they must learn about their culture, heritage and descent. More than ten years have proved the success of this task. Today, they are a proud people again!

And this is "La Federación", too!

HCSK - Radio Federación with 5 kw broadcasting from Sucúa 16 hours daily in Spanish and the Indian language of Shuar, including 5 hours for its 80 Escuelas Radiofónicas in its rural areas. Programs are directed to 'alumnos' in the first and second grade. In addition, 90 students are attending Secondary and 37 are about to gain their Bachelor degree in order to join the Technical Institute or the University. Radio teaching is also focused on agrarian reform, health education, and the control of tuberculosis. In 1961 the first course was held for 23 students who began a movement among the Shuar which is effective even to this present day. Sucúa became the cultural center and today conventions, festivals and many other events provide the opportunity for people to meet people.

HCSK also entertains. Music, songs and legends of the Shuar are meant to propagate the Indian culture. A culture which dates back to the dawn of history. "La cultura Shuar" is confronting many cultures, one of which is encroaching civilization. Without any doubts, Indian culture has to offer many aspects and values of life to us. That's why they want to speak by means of HCSK and "Chicham". They call on all people, on public opinion, students, workers and campesinos alike. To raise their voice not only to defend their own rights but also to proclaim a sense of righteousness which applies to all mankind.

So, next time around when you hear an unknown radio signal...listen! It might be a "chicham", a message....

RADIO NACIONAL EN DOS IDIOMAS

by

George Schnabel

Today the mailman brought a small, heavy manila envelope; it had to be signed for! No stamps nor any markings on it to indicate whether it had traveled by air or surface mail. In the body of the address, and also in the enclosed verie letter, I'm addressed as 'Ciudano'...somewhat reminiscent of the French Revolution!

Along with the verie letter came a neat little booklet entitled "RADIO NACIONAL DE VENEZUELA BOLETIN" written in carefully honed, scholarly Spanish.



RADIO NACIONAL DE ESPAÑA
EL DIRECTOR DE LA RED

Spain began her first adventure in radio broadcasting at the 1921 World's Fair in Valencia. The first broadcasting station, Radio Iberia, began operations in 1923, in Madrid, and today's senior station, Radio Barcelona, was set up in 1924.

From the very beginning, the State assumed control of the new means of communications: the Constitutional Monarchy (decree of 27 February 1923), the Republic (law of 26 June 1934) and the Nationalist Regime since 1936, have followed the same principle.

There was little progress in radio broadcasting up to 1939. The State could not fully provide for the development of the new public service, and private enterprises could only afford small installations. The historical E.A.J. local stations served the public as well as they could.

On 19 January 1937 the official Press and Propaganda Agency undertook radio broadcasting as a national service through its first station, Radio Nacional de España, in Salamanca.

The creation of a national broadcasting service took place in 1924 under the name of "Red Española de Radiodifusión" (R.E.D.E.R.A.), and the first Dirección General de Radiodifusión was founded in the Ministry of National Education in 1945.

In 1952, the 1934 broadcasting law was amended and new radio and television regulations were established. The newly erected Ministry of Information and Tourism took charge of national broadcasting as a public service. The Dirección General de Radiodifusión became Dirección General de Radiodifusión y Televisión in 1958.

Spain's adventure into television began in 1952, after an experimental stage from 1948 to 1951. Televisión Española (T.V.E.) was formally inaugurated in 1956 and at the same time the creation of the first national television network was planned. (Ed. note: I saw TVE last year from a Gibraltar monitoring post. Be assured that there are the same amounts of advertising as here in the USA - although with a bit more imagination - and the programming is mainly that of an entertainment nature, i.e., variety shows and musicals. I only recall seeing one drama in 7 days.))

Spain is a member of the European Broadcasting Union (E.B.U.) and the International Telecommunications Union (I.T.U.).

From 1960 on, the Dirección General de Radiodifusión y Televisión comprises two major departments: Subdirección General de Radiodifusión and Subdirección General de Televisión.

The Subdirección General de Radiodifusión rules over the national broadcasting network, which includes the stations exclusively operated by the State, i.e., Radio Nacional de España network and Radio Peninsular network and also other stations not operated by the State, but subject to official regulations. The latter are divided into private stations and institutional stations, according to whether they are operated by a private enterprise or by an Institution such as the Movimiento Nacional or the Catholic Church.

Radio Nacional de España can be heard daily in English at 0200 GMT and again at 0445 GMT on 6065 kHz and 11925 kHz.

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Malta Preparing Independence

VALLETTA (AP) — Malta will soon sever all formal ties with Britain and reorganize itself as a republic, according to Prime Minister Don Mintoff.

Malta, a member of the British Commonwealth, gained partial independence in 1964. But the constitution left responsibility for defense and foreign affairs to the British.

Mintoff said his government will present plans for a new constitution by the first of next year which would make the island fully independent.



"RADIO CORDAC"

compiled and edited by
Keith Martin & Frank Orcutt

Radio Cordac is an interdenominational, Protestant Missionary Radio ministry with broadcasting facilities located at Bujumbura, capitol city of the Republic of Burundi, and short wave transmitters located at Nyakarogo - 25 miles to the north-east.

Radio Cordac began broadcasting on Christmas Eve, 1963, on a 250-watt medium-wave transmitter. There are now four transmitters: one medium-wave, two short wave, and one F.M. The short wave transmitters are 2.5 kw each. The programs are religious, educational and informative and are broadcast in French, Kirundi, Kiswahili, and also English. Many programs are produced in studios from other parts of Africa, Europe, America, New Zealand and Australia. The mail response is increasing each year and reports have been received from all over the world.

Radio Cordac plans soon to install an omni-directional antenna which will cover up to a radius of 300 miles. Future plans call for six Log Periodic Antennas and will be driven with transmitters ranging up to 10,000 watts.

The staff of Radio Cordac is made up of missionaries and Africans. The Africans, who far outnumber the missionaries, are from Burundi, Rwanda, and Zaire.

Cordac also sponsors a four-year Electronics Institute. This school teaches the arts and sciences of radio broadcasting.

Radio Cordac is a very rare station in North America, but as of late several N.A. DX-ers have been fortunate to log this station. A suggested time to try is at 0327 GMT sign-on on the frequency of 4900 kHz. Reception is very tough, though, due to the fact that Radio Juventud has a strong hold on 4900 kHz.

Radio Cordac is interested in receiving reception reports and correct reports are verified by a full data QSL card. Return postage is appreciated as the station is on a very tight budget. Write to:

RADIO CORDAC
Boite Postale 1140
Bujumbura
Republic of Burundi



by Carroll R. Patterson

The Bashkirs, a Turco-Tatar people, were conquered by the Russians in 1556; however, they obviously mean to retain their identity, language and culture as they have rebelled several times. The Bashkirs are the dominant nationality of the republic's 3,304,476 people. There are many Russians resident there, however. The Bashkir Republic has an area of 54,233 sq. miles and is located in eastern Russian Republic in Europe, in the southern Urals. The terrain is plateau and mountain and is watered by the Ural, Belaya and Ufa rivers. The republic's extensive forests and valuable mineral deposits are its most important natural resources. The main occupations of the Bashkirs are the growing of grain crops and horse-raising. There are smelting and metallurgical plants in the capital city of Ufa. Ufa, the Bashkir capitol, a city of 630,000, is largely a Russian city and is located at the junction of the Ufa and Belaya rivers. It was founded in 1574. In modern times, the Bashkir Republic's capitol has achieved some prominence as it is located within the Ural Industrial area, a most important area of the Russian Republic containing many heavy industries.

The only shortwave broadcasting within the republic is at Ufa which operates on a frequency of 4485 kHz with an unknown output power.

Travel Long-Distance With a RADIO

Dan Henderson's:

Travel Log

GOING ON A TRIP ???

TAKE YOUR RECEIVER ALONG :::::

In every DX-er's life, he reads of exotic stations that people all over the world have been fortunate enough to receive, and he dreams that one day he may be able to hear those stations. If the listener lives on the East Coast of the USA, he longs to hear the low powered Asian stations that are commonly reported by West Coast DX-ers. If he lives on the West Coast, he envisions tuning in low powered stations in Angola, West Africa, Turks Islands, and Latin America. While his receiver in some cases may be a limitation, the laws of physics (particularly those of the ionosphere and the sunrise/daylight effects on the F layers) generally prevent predictable reception of those DX catches. However, with the advent of solid state receivers which are small, lightweight, and require low voltage and low power for operation, the DXer is given a golden opportunity to enjoy the fruits of other geographical locations.

If you as a DX-er are planning a trip, be it vacation or business, TAKE THAT RECEIVER ALONG!! It has been my good fortune in the past 18 months to be in a position to take my receiver along to many parts of the country, and have been able to enjoy listening to some fairly rare DX stations. It is very difficult for a West Coast DX-er to imagine the surge of emotion that sweeps over the DX-er from the East Coast when he hears CLEARLY the Indonesian announcer say "Inilah Radio Republik Indonesia, sorong, Samarinda, Bandung, Corontalo, or Jambi". An East Coast DX-er must have an exceptional day just to listen to any one or two of the above stations. To be able to hear Radio Khusus Pemerintah Daerah Kaputatan Sumbawa with nice Indonesian music regularly must be just as thrilling for an East Coast DX-er as that felt by the West Coast DX-er who visits the East Coast and hears VSIS from Turks Island, or picks up Radio Ecclesia in Angola for the first time. While the level of expertise of the DX-er is often measured by his achievements in "longest range, lowest powered station heard", he himself receives a great deal of satisfaction in hearing stations others have reported often, but have been unavailable to him. This also allows him to provide the DX-ing community with extra information that should contribute to his own improvement and the improvement of the hobby in general.

You may say--OK, I have an SPR-4, SX-190, Barlow-Wadley, or another receiver that can operate off batteries or a 12-volt supply. Just how do I go about DX-ing in an area which (1) has no electricity, (2) is essentially "foreign" to me, and (3) has no facilities for antennas? First of all, if you are on vacation (or business), generally an automobile is available (be it your own or a rental car). These days, very, very few cars are not equipped with a cigarette lighter. Detroit has built this luxury into all late model cars and it is the DX-ers salvation for power! If you have a car and a map, you can generally find a state or national park, or any electrically quiet location that is not encroaching upon private property, and DX from there. It has been my experience after 5 trips to the states of Washington and California, and looking around my state of Maryland, that there are many locations that can be used. You say,

"OK, I now have a place picked out and my receiver is in the car. What about antennas?" This is a very good question. I learned through experience that the best method is to never leave an antenna anywhere: Always put up your antenna just prior to your listening period, and take it down when you are finished. This will prevent any disappointment that may be incurred when you come out to listen and your antenna has been removed. Also, in following this procedure, you are not always "cluttering" up the local area, which is looked upon with great displeasure by park rangers, policemen, and other public officials. Always use antennas with insulated wire to prevent any electrical shock problems. Besides, this type wire is easier to handle anyway.

You may ask, "Just how do I erect a temporary antenna?" I simply attach one end of the antenna to a 6-inch section of 2" x 4" lumber and toss the piece of wood over a branch about 15-25 feet high. Generally, this is easily done and is also easy to remove. I selected a spot for DX-ing at a Scenic Overlook in the state of Washington. The antenna was tossed over a tree limb 15-25 feet high. With the 2 x 4 section, the 80 foot long antenna wire could be pulled taut without being pulled out of the tree. The other end of the antenna was wrapped around a sign post erected at the overlook warning of the abrupt drop-off. The wire was then brought into the auto window, connected to my antenna tuner, (which is recommended for matching purposes), and then to the receiver. You may ask, "What about power for the receiver? Doesn't the automobile ignition key have to be in the "on" position for the +12 volts to be available at the cigar lighter?" The answer is "no" for almost all late model cars. Also, your solid state receiver does not use much power. I have listened for 8 continuous hours in a Plymouth Duster with no effect on the car's battery. You may also enquire about lighting for DX-ing in the dark. For SX-190 owners, a flashlight is a necessity. It is also useful for other receivers and is useful to read the clock for accurate time. It should be noted that I do not recommend that the overhead light in the automobile be left on. This is TOO much drain on the battery for long periods of listening. For time accurate within 1 minute, I use a simple \$4 WESTCLOX Travel Alarm Clock, set to WWV at the beginning of the listening period. I have this to be very beneficial and cost effective.

You may ask, "What if a policeman stops by and asks what's going on?" Well, policemen in general are only interested in protecting public property and interests. I have had at least 2 occasions when policemen or park rangers have seen me DX-ing early in the morning (in the dark) and have inquired as to what I was doing and was I OK? If you will explain honestly what you are doing and even let the officer hear what you are listening to, you will find them to be perfectly courteous and satisfied that you are "OK". I let a park ranger in the state of Washington hear Port Moresby, Papua, on 4890 kHz one day, and he was so impressed he wanted to hear more. I actually lost some valuable DXing time due to him--Oh well, all in the name of public relations for DX-ing!:

You may also ask "What if I'm going to a foreign country?" Well, while my experience in this area is limited to Canada, I encourage you to check with customs officials in that country and always, ALWAYS DECLARE YOUR RECEIVER and keep the receipt!! It would be very sad to have to part with or pay duty on that receiver at the border on your return trip because you did not declare it initially. The Canadians, in particular, are a very friendly people, much more than typical Americans, and they have been very courteous about DX-ing in their country. (I would like to challenge any DXer who has taken his receiver to other foreign countries to share his experiences via FRENEX. It surely would air others who could learn from your experiences. How about it, John Campbell?)

In conclusion, you can sample the DX-ing fruits of other geographical locations by taking that receiver along. You will have some great DX-ing experiences, and will further your knowledge of the DX-ing hobby. Remember the following guidelines: - - 1. Use that cigar lighter in the automobile as a power source. 2. Find a noise-free location--that is generally easily done. 3. Be innovative and a very accessible antenna location is generally available. 4. Follow the Golden Rule: treat the area that you listen in as if it were your own property. 5. Be honest with inquisitive people and you should expect no problems. Just follow these guidelines and the luscious strains of The Songs of the Coconut Islands (Love Ambon), or ID's such as "This is Radio Turks Islands" will be available to you simply for the effort.

Good DX-ing, Travellers !!!

Hungarian Airmail

Hungary was one of the first countries to issue special stamps for airmail. Stamps were overprinted for this purpose as early as 1918, and several airmail issues were printed shortly afterward.

**NOW,
YOU KNOW:**

Many residents of Gomera, an island in the Canary Islands, have a whistling language, allowing their conversation to carry from hilltop to hilltop.

HELP SAVE

Deutsche Welle's

ENGLISH DEPARTMENT

forwarded by

Charles J. Orekar

I have been a member of NASWA for the past eight years, and am also a member of the WORLD WIDE DX CLUB of Germany. In the last bulletin of the WWDXC (October issue) there was an interesting article which is being quoted here for your information.

"To all DXers and friends today I would like to relate a sad story which may take place in the near future, if we as SWL's and DXers don't help. Sometime ago the WWDXC received a letter from our good friend Larry Wayne at Deutsche Welle and I would like you all now to read this letter with a little thought and concern to help Deutsche Welle preserve its English service to North America and throughout the world:

"Dear Jackie,

When writing to you last, I couldn't know of the developments that were to take place at Radio Deutsche Welle at the present time, so here is the latest for all your readers. I certainly hope enough response can be generated to preserve a very important service.

I'm referring to our North American English program, of course, which is threatened with the extinction should Mr Walter Steigner "push the button". Steigner is the Intendant, or managing director, of Radio Deutsche Welle in Cologne, and has voiced the intention of dissolving the North American Department. It would be a deciding blow to listeners in the USA and Canada (and elsewhere too), and would leave West Germany without an English voice to North America. This would, in effect, make East Germany the sole Voice of Germany to English speaking people in North America. A very lamentable development, should it occur.

I think you will agree that West Germany must be represented in English to an English speaking majority, and cannot hope to improve its image in the USA and Canada via German language broadcasts alone. Yet this is the current plan being entertained by Mr Walter Steigner and the West German Radio Advisory Board: German language broadcasts to North America 12 hours daily.

English language broadcast to North America = 0 - - it's not a nice prospect, is it? Let's hear it loud and clear from all DXers, Jackie. We have a very fine, dedicated team here, and we'd like to keep up the good work.

Sincerely yours,
Larry Wayne"

Jackie Masek, WWDXC president, concludes by saying, "We can help save Deutsche Welle's English Department. It's not too late. Write to Mr Steigner and tell him how you feel. Write as many letters as you can, otherwise we may not have the enjoyment of listening to Deutsche Welle in English."

(ed. note: This is an excellent opportunity to get your opinion read by a major broadcaster, and possibly have them acted on. A few moments of your time to write a few paragraphs would not hurt. tks!)



North
America

China Guide

It's estimated that about 3,000 Americans will be visiting the People's Republic of China within the next year. If you're going to be one of them, you're advised to spend \$5.95 plus 25 cents postage on a 224-page book called "The American's Tourist Manual for the People's Republic of China."

It's put out by International Intertrade Index, Box 636, Federal Square, Newark, N.J. 07101 and includes about everything you should know about getting along in that land that was for so long a mysterious no-no.

It even reproduces a typical 48-page menu. As a matter of fact, it's a book worth browsing in, even if you have no early plans for a trip to China.

Three Systems

VILA, New Hebrides — These South Pacific islands have the world's only condominium government with three sets of laws and governments — British, French and joint. The condominium, set up in 1906, features separate French and British police forces and two jails.

Insects Kill Trees

OTTAWA — Insects kill about 250,000 acres of mature forests in Canada annually

U.S. and Algeria

The State Department says the United States and Algeria have decided to immediately restore full diplomatic relations. Algeria severed those relations immediately after the 1967 Middle East war. That leaves only Iraq and South Yemen as Arab states with which the United States does not have diplomatic relations.



CLANDESTINE BULLETIN

Larry Magne, 15 Central Avenue, Philadelphia PA 19111 USA, Tel. 215-379-2574

VOICE OF THE MALAYAN REVOLUTION NOW IN ENGLISH

No sooner did last month's article on the Chinese-based "Voice of the Malayan Revolution" go to press than the BBC Monitoring Service flashed that, on November 14, 1974, the station inaugurated a daily half-hour broadcast in English from 1500-1530 on 11830 & 15790 kHz. This ought to be audible in several parts of North America and elsewhere.

There have been some other changes, as well, and these will be given next month after they are received from Caversham Park.

NORTH KOREAN CLANDESTINE REVISES SCHEDULE

From December 1, 1974, the North-Korean based "Voice of the Revolutionary Party for Reunification" has revised its schedule, which is now:

English: 0530-0600 on 1135v, 4557v kHz

Korean: 2000-2300 on 1135v, 4557v kHz

0300-0530 on 1135v, 4557v kHz

1000-1410 on 1135v, 4120v, 4557v kHz

1410-1600 on 1135v, 4557v kHz

*1030-1100 Sunday on 645, 655, 685, 735, 800, 3320, 6400 kHz

*via KCBS, Pyongyang, schedule not verified since December 1

The station's Korean ID is "Tougil Hyongmyongdang Moksori Pangsong Inrida", and the IS consists of 9 major echoing chime notes. Sign off is with an anthem, then the "Internationale". No, the station does not verify, either via KCBS or its Haeju site. (Isao Ugusa, Japan, and the BBC Monitoring Service)

CIA BLACK CLANDESTINES ALIVE AND WELL

From mid-September, 1973, until late May, 1974, three Indochinese black clandestine stations were active and obviously using the same facilities, judging from the timing of the broadcasts and their appearance/disappearance, which suggests, as they were beamed to separate countries, they were American -- rather than indigenous -- operations. Around October and November of this year two of them reappeared. So, before they drop out again, here is the story, in brief.

Especially since the phasing out of overt U.S. operations in Vietnam, the CIA has further concentrated its clandestine activities in its Vientiane fortress-like hideout. Included in the personnel are some whose background in black propaganda makes their talents well suited to the implementation of effective black radio stations, and, in fact, one such station operated from Pakse, Laos, early in the summer of 1970, faking Prince Sihanouk's "Voice of the United Front of Kampuchea".

In September, 1973, three obviously black propaganda stations appeared: the "Voice of the People of United Indochina" on 6803 kHz, "Radio Destiny of the Motherland" on 6990v kHz, and "Radio Liberation of the Southern Part" on 6320v kHz. These vanished simultaneously the following May. The first two were Cambodian-language operations, while the last faked the Vietcong's "Liberation Radio" and was entirely in Vietnamese.

The stations that reappeared also revised their hours of operation, which follow. Radio Destiny of the Motherland, the Beloved Voice of Peace ("Vithayu Vissna Meath-phoume Samleang Cheat Sralan nay Santephal"). Beamed to soldiers of the pro-communist Khmer Rouge guerillas, its programs consist of Khmer-language news on the hour, followed by Western and Khmer popular music. Although transmitter power is not known, the station is weak. Editor Bob Hill notes it regularly in California, however.

0700a-1600 on 6990v kHz

The ID is, "Thini, Vithayu Vissna Meatho-phoume Samleng Cheat Sralan nay Santephiap". Although the frequency varies above and below 6990 kHz, it has been reported lately in the 6991-6992 vicinity. The exact time of sign on has not been established, but it is already into regular programming by fade in at 0800 in Japan.

Radio Liberation of the Southern Part ("Dai Phat Thanh Giai-Phong Nam Bo"). Imitating the Vietcong's "Liberation Radio", this station announces itself as "Radio Liberation of the Southern Part, the Voice of the Provisional Revolutionary Government of the Republic of South Viet-Nam". Except for two words ("Southern Part"), the ID is identical to that of the real station, and the sign on music and interval signal are virtually identical. Transmitter strength is modest, which makes it difficult to sort out from Peking's powerful Foreign Service, also more or less on the same channel. The black station broadcasts entirely in Vietnamese; the new schedule, given below, is only partial, as it hasn't yet been fully established, but the former schedule included transmissions in the 0400-0800 time period.

0900-0945, 1200-1245, 1400-1445 on 6320v kHz

The ID is, "Day la dai Phat Thanh Giai-Phong Nam Bo, tieng noi Cua Chinh Phu Cach Mang Lam Thoi Cong Hoa Mien Nam Viet-Nam". The interval signal consists of light Vietnamese orchestral music, then the sign on is with the "Liberation of the South" anthem ("Giai-Phong Nam Bo"). Of course, neither this nor any other black clandestine station verifies. Nothing is played at sign-off.

(Isao Ugusa, Kricha Wasanasong and Victor Goonetilleke, of Japan, Thailand & Sri Lanka)

MIDDLE EAST REPORT

by

Offer Barth, Israel

Haifa's Offer Barth offers some monitored observations for the CB readership, viz.: Radio of the Patriots. This anti-Shah station, believed to be located in Iraq, is now noted jammed from 1030v-1130v & 1515v-1615v on 7230 kHz. Prior evaluation suggests the jammers are part of the "Voice of Iran" complex.

Voice of the Middle East People. No longer heard on 7200 kHz.

Voice of the Arabian Peninsular People ("Saut ash-Sha'b al-Jazirah al-Arabiyah").

Operating via facilities provided by Radio Baghdad, this anti-Saudian Arabian government clandestine is now noted on the new fq of 8885 kHz (ex-11950v). The full schedule is 0400-0457 & 1200-1257 in Arabic on 7195v, 8885v, 9252v, 9570v kHz.

Steadfast. This Libyan operation is no longer heard and is presumed gone for good.

Voice of Palestine ("Saut al-Filistine"). The Sanaa relay of this PLO operation is now noted on the new channel of 7275 kHz (100 kw) //former 5805 (25 kw) and 1202 kHz from 1600-1630. The Cairo relay is now once again 1730-1830 on 872, 9755 kHz.

(Thanks also to Victor Goonetilleke and Isao Ugusa for confirming some of the items).

NEW DETAILS EXPOSED ON RADIO PATHET LAO LOCATION

As you may have seen in CB and elsewhere, Japanese journalists have been visiting the once-forbidden Sam Neua Pathet Lao headquarters in "Liberated" Laos. Among other things, they were shown the facilities of "Radio Pathet Lao", which Western intelligence has insisted is located near Hanoi. Also, Bob Bundy's 1972 monitoring further indicated at least part of the complex was located there. The question, therefore, was who is lying, and in that regard an observation by Japan's Hiroyuki Nagase is of help.

He noted that the station house consists of two rooms -- a studio and a fabrication room, beside which stands a 5-meter high antenna for use on the 10 meter band, far above the bands used by Radio Pathet Lao. He noted that it would be impossible to place 4x10 kw transmitters (the value assigned to each transmitter by the Director, Mr. Sisana Sisane) in that small station house. He therefore concluded that what they were shown as the "Radio Pathet Lao" site was merely a studio and small point-to-point transmitter to relay material to the actual site elsewhere. And, of course, that site is Hanoi.

The schedule as given in the December CB still holds, and Victor Goonetilleke confirms that 6215v is ex-7310. That channel is not only the strongest (say, 50 kw), but is the first channel your editor has consistently noted in Philadelphia, even during the afternoon (viz., 2230) long-path opening.

Heretofore, nobody was aware of a 10 meter FTP channel for Radio Pathet Lao, but sooner or later these broadcasts may be traced in Asia or elsewhere, as skip on that band sometimes allows for unusually long-distance reception, as any CB aficionado will attest!

(Thanks to Isao Ugusa for his help in securing this information, plus Lars Ryden, the BBC Monitoring Service, Bob Bundy, and Victor Goonetilleke.)

BOLIVIAN STATION TAKEN OFF THE AIR

by

Tony Jones, Paraguay

As CB reported in the December, 1974, issue of FRENDX, Bolivian rebels had seized radio broadcasting stations in Santa Cruz. This information came from U.S. news sources which, in turn, obtained them from Radio Panamericana of La Paz, the capital city.

Tony Jones writes, in this regard, "Reports from Argentina indicate that the Boli-vian station, Radio Panamericana (580 & 6035 kHz) has been closed by the authorities, following the recent abortive coup in that country. Seems to be correct, as only the Brazilian is noted on 6035 kHz at present."

Incidentally, although it is not clandestine information, Tony notes that Argentina can be added to the roster of countries engaging in jamming, namely of the leftist Uruguayan station, Radio Colonia on 550 kHz.

WHAT CAN I HEAR?

(Part 3 of a series)

In the last two issues of "Clandestine Bulletin", you have gotten an idea of how and when it's possible to log some of the major sub rosa broadcasters in Europe and Asia. Now, with the DX season here and apparently giving unusually good African DX, CB will give a summary of what's happening in Central & Southern Africa.

The unique characteristic of African clandestine broadcasting is that it is not really very clandestine. Put another way, the broadcasts usually represent outlawed guerilla groups and neither the group nor their broadcasts are considered acceptable by the authorities in the target zone. However, the broadcasts are not over hidden transmitting facilities, but simply are given as programs over the legitimate radio facilities of nearby "friendly" broadcasters.

With Portugal's speedy decolonialization, some of these broadcasts have been terminated, and those remaining are no longer considered forbidden. Portuguese army jamming has ceased, and some of the formerly-outlawed groups are now allowed to utilize Portuguese radio facilities in Angola, Mozambique and elsewhere.

So, to not confuse things, we'll dub these "revolutionary" broadcasts.

When can these be heard?

Along the East Coast and Midwest, the afternoon usually is when the opening begins, and it lasts during the DX season until the wee hours of the morning. Here, in Philadelphia, for example, central West Africa is fading in on the 60 meter band around 1900 and fading out around 0900 GMT. Propagationally, Africa appears to shine when the North Atlantic path is somewhat disturbed; this can be determined by the WWV propagation forecast at the 14th minute after each hour (a forecast of 5 or 4 and a K index of 3 or more and tending to rise or remain steady are clues the African path to NA may be good in the coming hours).

What follows is a brief but fairly complete listing of African revolutionary radio activity. Those beamed to Portuguese colonies are likely to be altered or terminated in the next few months, but with luck they will survive the DX season and possibly allow you to snare a last-minute QSL.

Best bets for the eastern half of the US and lower Canada will be underlined; other zones will tend to find it rougher going, but some of those listed should be audible anyway...true DX, if you will!

Angola

Fighting Angola ("Angola Combatente"). Station of the Moscow-oriented "Popular Liberation Movement of Angola" (MPLA) broadcasting in French, Portuguese, English, Umbundu, Luvale, Lunda, Mbunda, Tchokew, and Kwanhama. A BBC MS report indicated from October 23, 1974, the program was also being carried by the Voice of Zaire (no schedule was given, nor have we been able to establish it). Radio Zambia recently quit carrying the program at 1830, at which time, more or less, "Emissora Oficial de Angola" commenced carrying a similar program at 1830.

1800v-1830v on 1475, 3232, 4765, 6115, 9610v, 9715, 15190 kHz (frequency useage varies)

Sign on is with an orchestral march. Sign off is by a choral anthem without instrumental accompaniment. Verification: by letter from Le Membre Responsable, O Departamento de Informaçao E Propaganda (Frente Norte), Movimento Popular de Libertaçao de Angola, B.P. 2353, Brazzaville, People's Republic of the Congo (report in French or Portuguese and enclose 3 IRC's). If that fails, try the MPLA at Luanda, Angola, or at Box 20793, Dar es Salaam, Tanzania.

Voice of Free Angola ("A Voz de Angola Livre"). Program of the National Front for the Liberation of Angola (FNLA) operating in Portuguese, French and Angolan vernaculars via Radio Lubumbashi and the Voice of Zaire. The program can also be heard via Emissora Oficial de Angola at 2000.

1800-1830 Monday-Saturday & 2200-2230 daily on 11865v, 15245v kHz, plus other announced channels.

Sign on with anthems and drums, off with a martial anthem. Verification: try the FNLA's headquarters in Luanda, Angola, or have your report forwarded via the Zaire stations.

Comoro Islands

Molinaco Program. The operation of the Movement for the Liberation of the Comoro Islands, which opposes French rule (due to end in a few years). This does not appear to be heard often in the Americas, but it fares better in Europe.

1815-1830 1025, 4785, 15435 kHz via Radio Tanzania, which can forward reports.

Mozambique

Mozambique Hour. Program of the Mozambique Liberation Front (Frelimo), broadcasting in Portuguese, Nyanja, Makonde, Ronga, Shanganana, Shinyungwe, and Ndauu.

*0430-0445 Sun-Fri 6105 kHz

**1615-1715 Mon-Sat, plus 1700-1800 Sun 4951v (4965 alt.), 9580 kHz

*1830-1930 Daily 4785, 15435 kHz

*via Radio Tanzania **via Radio Zambia

Verification: try Sr. Jorge Rebelo, Secretary for Information, Frente de Libertação de Moçambique (Frelimo), P.O. Box 15274, 201 Nkrumah Street, Dar es Salaam, Tanzania, enclosing 3 IRC's or Tanzanian mint stamps for return air mail postage.

Rhodesia (Zimbabwe)

Zimbabwe Hour - ZANU. Voice of the Zimbabwe African National Union heard in English, Shona and Ndebele.

**0600-0700 Sun 7220, 17895 kHz (fqs have reportedly changed, but are not yet known)

**1715-1800 & 1815-1830 Tu/Th/Sa/Su on 4951v (4965 alt.), 9580 kHz (plus possibly on additional new fqs)

*1945-2000 M/W/F on 4785, 15435 kHz

*via Radio Tanzania **via Radio Zambia Verification: ZANU, Lusaka, Zambia.

Zimbabwe Hour - ZAPU. Voice of the Zimbabwe African People's Union heard in English, Shona and Ndebele.

**1715-1800 & 1815-1830 M/W/F 4951v (4965 alt.), 9580 kHz (plus possibly other fqs)

*1945-2000 Tu/Th/Sa 4785, 15435 kHz

*via Radio Tanzania **via Radio Zambia

Verification: Try ZAPU, Box 1657, Lusaka, Zambia.

Zimbabwe Hour - Joint. Combined ZANU-ZAPU program aired once weekly.

1945-2000 Sunday via Radio Tanzania on 4785, 15435 kHz.

São Tomé & Príncipe

Voice of the People of São Tomé and Príncipe ("A Voz do Povo de São Tomé e Príncipe").

Operating since roughly mid-September, 1974, according to the BBC MS, this program uses the facilities of La Voix de la Renovation, Libreville, Gabon, and is prepared by the São Tomé and Príncipe Liberation Movement, which is due to assume power on July 12, 1975. The schedule is not entirely clear, but may be:

2000-???? Mon/Wed/Fri 1554, 3300, 4777 kHz

Verification: Try O Departamento de Informação, Movimento de Libertação de São Tomé e Príncipe, Libreville, Gabon.

South Africa

PAC Program. Program of the Pan African Congress (PAC), transmitted via the facilities of Radio Tanzania in the languages listed, plus Afrikaans.

1930-1945 English Sun & Tues, Nguni Thurs, Sotho Sat 4785, 15435 kHz

Verification: Try the Pan-African Congress, Dar es Salaam, Tanzania, enclosing 3 IRC's or mint Tanzanian stamps.

Radio Freedom, a/k/a South African Hour. This is the program of the African National Congress (ANC, which is reportedly pro-Chinese), transmitted in English, Afrikaans, Tswana, Zulu, Sotho and Xhosa.

**1830-1930 Daily 4951v (4965 alt.), 9580 kHz

*2000-2015 Su/M/W/F 4785, 15435 kHz

*via Radio Tanzania **via Radio Zambia, Afrikaans Sun & Mon

Verification: Try the African National Congress, 49 Rathbone Street, London W1A 4NL.

South West Africa(Namibia)

Namibia Hour. Program of the South West African People's Union (SWAPO), transmitted in English, Subia, Ovambo, Herero, and Nama.

*0515-0530 Sunday 6105 kHz

**1100-1115 & 1130-1215 Sunday 11880, 17895 kHz (fqs likely changed, but new ones

*1930-1945 M/W/F, 2000-2015 Tu/Th/Sa 4785, 15435 kHz unknown)

**1930-2030 Mon-Sat 4951v (4965 alt.), 9580 kHz

*via Radio Tanzania **via Radio Zambia

Verification: Try SWAPO, P.O. Box 2603, Dar es Salaam, Tanzania.

Voice of Namibia. Due to commence operation via Zambia in early 1975, this United Nations station is headed by Nobel Prize winner Sean Macbride and is being built with Irish and Chinese assistance. No schedule information is currently available.

Zanzibar & Pemba Islands (Tanzania)

Free Voice of Zanzibar and Pemba ("Saut Huru ya Unkuja na Pemba"). An irregularly-reported station apparently broadcasting separatist messages to Zanzibar and Pemba. Its channels tend to cause interference with those of Radio Tanzania.

Schedule: not really known, variously reported in 1974 as 0815-0830 Sat & 1030v-1045v irregularly on 7164v, 9551v, 9745v kHz, and earlier as 1718-1734 & 1915-1928 on 4795v kHz, all in Swahili.

Credits: BBC Monitoring Service, World Radio Bulletin, Don Jensen, John Campbell, and various radio station personnel.

END. We'll be back next month with more exclusive clandestine radio news. A few non-clandestine items noted here in Philadelphia the last few days -- too late to include in Log Report -- are an unidentified "Emissora Regional..." very likely in Angola from *0600-2400* on 5338.2 ancing a MW channel, also; plus (12/21) R. Clarin, Dom. Rep., on 11699.8 strong 1800-2330 //4849, also LV de la Libertad, Dom. Rep., 2230 again on 6218.

QSL REPORT

EDITOR: BOB ZABOT P.O. BOX 62659 VIRGINIA BEACH, VIRGINIA 23462
DEADLINE: the 10th of each month

January 1975 Report Happy New Year to all.

SPECIAL INTEREST VERIFICATIONS.

ANTARCTICA: AFAN McMurdo, 6012. Letter in reply to original reception report in July Received a two page form letter giving information about station and details of report were correct. Personal letter from William Carter says that he had received 15 letters and messages as of 7 Sept. requesting confirmation of reception from as many places around the globe. He also said that my letter stood out above all the others and thanked me for the tape which I made, he played it over the airfor all to hear. He is 90% sure that they will continue to bc during the summer (local) and into next winter on 6012. Bill Carter was scheduled to leave 10 Oct for his home town in Ohio.. Station slogan is "AFAN RADIO THE COLDEST AND SOUTHERNMOST RADIO STATION IN THE WORLD" Both veri letters rec'd in 4 1/2 months for EE report/letter and tape sent w/out rp via US Naval Support Force/Christchurch Airport, New Zealand. Very pleased. (Hanner-Aust) Ditto letter received from public affairs officer, J. T. Adams. Letter had nice "Operation Deep Freeze" cache on envelope and pages. Received 1st class mail in 3 weeks for report sent from Arizona while in transit to Cal. (Shaw-US) same ditto ltr by Adams in 3 weeks (Dexter-US)

AUSTRIA: Army Training TX. 6255. Date/Freq card in 1 month for EE letter request Schedule. NO REPORT SENT (Reeves-US)

CANADA: CBC RCI 11825, card w/full data in 13 d by air no rp signed by McFarland. This was the "1st" RC WDXHAC/HAP Special card issued. (Paschke-US)

VERIES FOR THE MONTH:

AFGHANISTAN: R. Afghanistan, Kabul 15195 card in 5 weeks w/freq, date, and time. Also two stamps for air used (Earhart)

ANGOLA: R. Comercial de Angola, 4794, card in 20d for 2 IRCs. PP rpt and 2nd rpt. V/S collects stamps and will trade (Reeves)

RC do Huambo, multi-colored native drummer card w/date only in 30 days air for PP rpt and 1 IRC (Mayer)

A Vos Do Zaire, 4885, card & ltr for Nov 73 rept by air for mint stamps using NASWA PPform. my 7th Anglan. (Henderson)

R. Clube Do Mexico, 5192, full data "Adult" card w/freq as 5192. In 21 d by air for mint stamps &NASWA PP form. Angolan #8 (Henderson) 5191, v/s Jose dos Santos Vicents, ltr & cd in 5 weeks for mint stamps (Robinson)

ARGENTINA: RAE, 9690, card in 60 d air, no rp (Talbot) 9690, us card in 20 d air for 1 IRC (?) 11710, full data card in 86 d (Powers) 11710 all data card in 60 d for 1 IRC (McCarthy) 11710 same in 107 d air 2IRCs (Brunner) 11710 same in 39 d for 2 IRCs (Reno)

ASCENSI W ISLAND: BBC, 6175, BBC card w/notation of Ascension in 20 d air no rp (Talbot)

VQA, 17830, 15195 2 cds air in 4 weeks & personal letter from George Jacobs (Padula) 17830, cd with FD but wrong date (Hanner)

AUSTRIA: ORF 6155, Voralberg card in 34 d for ORF report form and no rp (Brooker) 6155, card in 37 d for 1 IRC. Also literature & info 4 d later (Talbot) 9770, church scene card in 32 d for 2 IRC (Reno) same w/full data card and thank you for the report in 1 m (Russell) 6155, 9770, & 17775. 3 cards giving full details. 2 were Austrian scenes, the other with "ORF" in Red on white background. Recd 27 to 30 d (Hanner)

AUSTRALIA: ABC Brisbane 4920 card in 107 d (Powers) 4920 card w/all wrong details 110 d (Powers)

ABC Sydney 6090 card in 15 d no rp (Powers)

R. Australia, 5995, kangaroo card in 1 m for 1 IRC (Trzaskus) 5995, parliament house card in 88d for EE rept no rp (Mayer) 7295 radio telescope card in 89 d for EE rept no rp (Mayer) 9580, kangaroo card in 13 weeks (Trzaskus) 9580, tropical fish & coral barrier reef card in 35 d for 1 IRC (Trzaskus) 9580 Kangaroo card, sked, & listeners club certificate in 27 d (Levin) 9580, two cards in 120 d no rp (McCarthy) 11710, Canberra Parliament House card in 76d no rp (Brooker) 11765 card in 18d for 3 IRC (MacLeod) 11765 card in 105d no rp (McCarthy) 15240 tropical fish and reef card in 84 d no rp (Mayer) 17795 Kangaroo card in 2m for EE rept (?) 17795 Sydney Aust. Opera House card in 3m (Trzaskus)

BANGLADESH: Dacca 9550 card and sked airmail in 3w. Home svce 4890 card airmail in 4 w (Padula)

BELGIUM: ORU 6055 card w/sked in lw (Overcamp) 9655 card in 70d (Brunner) 11855 2 letters recd the same day with QSL, sked, & pennant in 34 d No rp (Powers)



THE VOICE OF AMERICA
WASHINGTON, D. C., U.S.A. 20547
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U.S. Information Agency

We are pleased to confirm your
reception of our broadcast

from Ascension Island
1000 GMT - 15195 kHz
on 8 October 1974

Mr. Samuel L. Barto
181 Woodbury Road
Watertown, Connecticut
06795

P.S. Your report is the first one we
have received for Asc. Is. from
an American short-wave receiver.
(Signature)

Close-up view of the
United States Capitol
Washington, D.C.

74-298 (11/74)

- BOLIVIA:** R. La Cruz del Sur 4875 card and lttr w/only freq (Llama card) in 104 day lttr in EE. Mint stamps and tape sent veri signer Rev. Augusto Clavito (Sgru)
Paititi Radiodifusion, 4424, Lttr postcard in 2 months air from German Roca Puerta DJ. Is interested in getting US pop recordings (Dexter)
BOTSWANA: R. Botswana 4845 card w/freq only. recording sent red in 5 months. veri signer Phil E. Johnson (Sgru)
BRAZIL: Radiodifusora Alvorada 3345 lttr and postcard after f/up. signer Eduardo Alfonso, in 2 weeks (Dexter)
R. Cultura de Pocos de Caldas, 9645, lttr, postcard, tourist literature. v/s Jose Carlos Garati Sales Dept. Intl. de Correspondencia (Dexter)
R. Clube de Marilla, 3255, 3 page handwritten lttr, 3 picture post cards, 1 folder on Brasilia, 7 small photo-calenders, rate card, stamps, 3 different pennants, ballpoint pen, all wrapped in poster showing Brazilian zip codes. Sent registered airmail, 5 wks after f/up. v/s Daisey A. Lignelli (Dexter)
R. Inconfidencia PRKS 6000 and PRK9 15191.5 QSL in 2m after 2 f/up for a PP rept & mint stamps, v/s Caio De Almeida (Barto)
R. Ministerio de Educacao e Cultera, 11950, EE letter w/acknowledgement. v/s Geraldo Pecanha Nunes. in 3m for PP rpt and mint stamps (Bowlsby)
R. Nacional, 15445, card with station bulletin in 2hd (Powers)
R. Clube de Pernambuco, 50th ann card and sticker in 13d for 2 IRC PP rpt (Reeves)
BULGARIA: R Sofia 9700, Sofia University card, full data sked forms in 5 1/2 m air for 2 IRC (Brunner)
CANADA: CFCX, 6005, card in 29d (Powers)
CKFN, 6160 blue card in 29d for EE rept, mint stamps v/s F. Holm (Mayer)
CBC, 5925, 5960, 5970, 6085, 9605, 9625, 11855, 11860; 15325. WDXHAC AND bicycle cards from 7 to 110d (Weehan, Hanner, Levin, Powers, Brooker,)
CHAD: RNC 4904 full data card in 23d for EE rept and 1 IRC (Smith)
CHILE: Voice of Chile 9560 card in 60d for EE rept for 1 IRC (Smith) 9690, Indian card in 2m for 1 IRC (Rockwood) 15150 card w/picture of Santiago. sked in 65d (Gavaras)
CHINA: R Peking 7120 Night Cruise painting card and sked in 32d air (Wiles) 9780 card, pennant, postcard, report forms, sked, maga,ines in 21d for 1 IRC (McCarthy) 9940 Yangtze Gorges card w/name freq and date of bc in 26d air 1 IRC (Talbot) 11945, Red Flag Canal (painting) card several pcs and letter in 13d no rp (Brooker)
COLUMBIA: Emisora Kennedy 4775 lttr, folder, college newspaper, in 15d for mint stamp and SS rept from v/s Jose Vicente Echeverri S.J. Sub-name of LV de Maria has been dropped (Reeves)
R. Nacional de Columbia 4955 card in 19d for 1 IRC (McCarthy)
E. Sur Colombiana, Neiva 5010 lttr in SS from Dario Silva Silva air in 3 weeks for SS report w/1 IRC (Padula) same in 1 1/2 month for no rp (Reeves)
R. Mira 6015 personal letter in 2 months for SS report and tape w/mint stamps. v/s C.J. Castillo. Also pennant stickers with parrot emblem and post card (Lasarus)
R. Super 6065 card with time and date in 1 1/2 months for SS rept and mint stamps (Lasarus) card for SS lttr using form from April 74 FRENDI and 1 IRC (Talbot) 18d
La Voz de la Selva 6170 personal lttr in 3 weeks after f/up and 16 weeks after original SS rept and tape and mint stamps. v/s Jairo Sandoval (Lasarus)
Emisora Nueva Granada, 6160, personal lttr in 10d for SS rept and tape and mint stamps. v/s Eduardo Ayaso Rivas Also some network keychains (Lasarus)
COSTA RICA: TIPC 6037 full data card in 16 days (Powers)
CUBA: R. Havana 11760 card in 117 d no rp (McCarthy) 11930 card in 3 months 1 IRC (Brunner)
CZECHOSLOVAKIA: R. Prague 9540 card in 30d for 1 IRC (Rockwood) 11990 mountain scene card for 2 IRCs (Reno) 11990 castle card in 19d air no rp (Brunner)

DAHOMY: R. du Dahomey 4870 card in 131d for 1 IRC (Gavaras)
DENMARK: R. Denmark 15165 full data antenna card after f/up rept in 27d (Powers)
Aerial Tower card in 13d air (Brunner)
DOMINICAN REPUBLIC: RTV Dominicana 9505 lttr & info on country and RTVD for SS & EE
report, mint stamps v/s R. A. Font Bernard in 3 weeks (McCoy) same but also pennant
in 22 days for 1 IRC (McCarthy)
R. Mil 4930 full data card for reception Nov 9, 1972 dated Sept 12, 1973 and
mailed Oct 10, 1974 2 years total, but most welcome. Mint stamps sent with original
and with both f/ups. (Calkin)
La Nueva Voz del Papagayo 5030 form lttr in SS for SS rept w/1 IRC. 8 weeks (Han
ECUADOR: R. Centinela Del Sur 5020, lttr in 3 weeks for SS rept and tape and ner)
mint stamps (Lazarus) lttr in 21d after 2nd rept with mint stamps, post card, SS rpt
v/s Hernan Coronel V. collects flora/fauna stamps (Reeves)
HCJB, 9560. Sangay card, El Altar Mountain card, from 15 to 22 d and also 1975
calendar (McCarthy, Trzaskus, Paschke)
EGYPT: R. Cairo 9475, card w/bust of nefertiti in 36d (Meehan) card & sked in 71d
for 1 IRC (Rockwood)
EL SALVADOR: R. Nacional de El Salvador. simple blue and white card with words YSS R.
Nacional de El Salvador. Aerial drawing on card. sent mint stamps (Earhart)
ENGLAND: VOA Woolferton 6160 capitol card in 5d (Smith)
ETHIOPIA: ETVL 11865 card and sked airmail in 12 weeks for 1 IRC (Padula)
FINLAND: R. Finland 15185 autumn seasons card, sked, newsletter, great circle map,
antenna data sheet in 11d air no rp (Brooker) 15185 winter card sked in 18d air. It
came to me in response to my pc correcting error in location of WWV (McCoy) 15185
card and two separate sked in 17d air no rp (Russell) same with winter card in 11 d
(Wiles) (Powers)
FRANCE: ORTF 9625 card and 45 rpm record of FF songs air in 5 months (Padula) 9680
full data card in 21d no rp (Powers) 9705 card in 4 months for EE rpt on SS TX
(Overcamp) 15120 full data card w/ambiguous wording 5 weeks sea mail for FF rpt for
1 IRC (Russell)
GABON: RTV Gabonaise, 4777, card w/all data in 37d for 3 IRC (Powers)
GAMBIA: R Gambia, Banjul, 4820, form lttr confirmation in 38d for 2 IRC (Schwartz)
4820, lttr and sked in 5m for mint stamps (Bowlby)
GERMANY: DR RBI 9730, Venceres card and pennant in 72d for 2 IRC (Keller)
Stilane der DDR 7260 via Nauen transmitter card seemail in 4 m (Padula)
GERMANY: "W. Berlin RIAS card for 6005 in 32d air for 2 IRC with german history of
the station. VIC 195 (Henderson)
GERMANY: W. RFE, 7190, blue-white card w/all data in 28d air for 1 IRC (Rockwood)
DW-Julich 3970, Special Test Tx, card air in 15w for test. Card marked
"Testsendung" (Padula)
BR0085, card in 1m for 2 IRC for 1600 reception (Reeves)
GREECE: VOA Kavala, 7270, capitol cd in 5 to 45 days (Brooker, Brunner, Russell)
GUYANA: GBS, 3290, EE form lttr in 9d air for mint stamps (Bowlby) 3290 lttr in 17d
air for mint stamps. v/s Denis Leandro. (Russell)
R. Demerara 5982 veri card in 15d for 2 IRC (Reeves)
HAITI: 4VEH, 9770, freedom card in 70d surface mail for 1 IRC. Also sked and religious
info (McCarthy) 9770, card & lttr in 63d (Poers) 11835, card & literature in 3
m air no rp (Talbot) card, sked, and lttr in 5 weeks for 3 US 10¢ stamps. v/s by
secretary Mrs Claude Beachy (Russell)
HOLLAND: R Nedrlands, 6165, anniversary card in 22d air for 3 IRC (Wiles) 9715, ant.
card in 10d air for 1 IRC (Rockwood) 9715, WDIHAC card in 12d for 1 IRC and also
data sheet (Trzaskus) 11950, Happy station card in 12d (Brooker)
HONDURAS: 4920, form lttr in 2 weeks for SS report and tape and mint stamp v/s Jerry
E. Tolle. also pennant (Lazarus)
HRVC, 4820 card in 107d (Powers)
ICELAND: Reyjavik R 12175 card in 23d for 2 IRC (Powers)
INDIA: AIR, Simla 3223 lttr in 20d by air for 3 IRC v/s P. Viswanatham. 1st QSL from
this station in NA? (Henderson) sorry, should have been in the 1st section ed)
AIR, Madras 1tr 4920 & 6085 for Swaziland reception. Ausience Officer v/s D. P.
Ramachandra. IRC returned as they would like to pay the postage themselves, received
in 9 weeks (Robinson)
AIRN, New Delhi 11810, card for no rp (Powers) 2nd card in 135d (Powers)
INDONESIA: RRI-Ambon card & lttr in Indonesian, 4845. v/s A.W. Rakimin, rec'd in
reply to Indonesian report in 2 months (Hanner)
RRI-Jambi, lttr in Indo. for mint stamps in 7 weeks. v/s Azil Azwar, also photo
of new studios at Jambi (Robinson)
RKPKD-Kembang, 3470, lttr in Indo. for NASWA Indo. report in 20d. v/s Sonny
Hersono. My 27th Indo. address; Haeyin #133, Jombang (Henderson)
RRI-Palembang, 4855, QSL showing "traditional houses" in 9½ months air for Indo.
rept and mint stamps v/s Arsyad Subik (Bowlby)
RRI-Padang, very long lttr in Indo. for Swaziland reception. v/s A Hamid (Robin
RRI-Samarinda, lttr for mint stamps and Indo rpt. v/s Sunendra says they son)
changed tubes which are now giving better coverage (Robinson)
RRI-Semarang, lttr for mint stamps and NASWA report form in 6 weeks (Robinson)
RRI-Sidoarjo, 3895, lttr in Indo. w/power given as 900 watts in 20d for mint
stamps and NASWA report form. 1st QSL IN THE WORLD!! (Henderson)
RRI-Yogyakarta, 7110 map card in 1m for Indo report., mint stamps, cancelled US

US stamps, from Transcription service officer, Mrs Roekmi Sutadi (d'Adolf)

IRAQ: R Baghdad 9745, map card, sked, emblem book on Iraq, pamphlets, sea mail in 80 d for 2 IRC (R Brunner) 6 wks for 3 IRC (Clawson) 112d for 2 IRC (Levin) 2m for EE rpt w/sked decal postcard and personal note and a package of 40 Iraqi stamps (d'Adolf)

IRAN: Voice of Iran, 9022, 32d for 1 IRC, Also sked, three tourist brochures, and pennant. (McCarthy) 15084, card in 23 wks for 3 IRC (Brooker)

ISRAEL: Kol Israel, 12025, Usual Menorah card in 10 weeks (Hanner) 15490 card all data in 2 months (Overcamp)

ITALY: RAI 6010, Painting QSL in 60d (Powers) 9575, card in 96d 1 IRC (McCarthy) 9575 card in 55d air for 1 IRC (Keller) 11810 card in 7 weeks air for 1 IRC (Russell)

JAPAN: R Japan, 9505, Samurai card in 12d air no rp (Brooker) Yokosuna card in 14d no rp (Paschke) Sumo wrestler card in 14d no rp (Brooker) 15105 card in 14d, IRC returned (Levin) 15445 Samuria card in 70d for 3 IRC (Jones)

NHK 3607.5, Hiroshima lttr in 3 weeks (Barto)

KOREA S.: KBS, 9640, card & lttr in 48d for 1 IRC (Powers) 48d for 1 IRC (Powers)

LIBERIA: ELWA 11940, native drummer card in 173d (Powers)

VOA Monrovia 7195, 6d no rp (McCarthy) 9515 7d no rp (McCarthy) 6045 capitol card in 6d air (Talbot) 7280 card in 8d air (Rockwood)

LUXEMBOURG: R Luxembourg, 6090 card in 50d (Powers) in 47d for 1 IRC (McCarthy)

MADAGASCAR: R N relay, 11730, handicapped aid card in 7 d air (Keller) same in 20d no rp (Brooker) antenna card in 13d air for 2 IRC (Brunner)

MALAWI: MBC 3380 lttr w/all data in 8m (2N after f/up) tape and mint stamps sent v/s Miss A. Kadjuwa (Sgru) green form lttr w/details typed in in 22d air salutation said "74's and good DX" (Wayer) same in 17d after f/up (Reeves)

MALDIVES: Short lttr in gigantic envelope from v/s Mohamed Hussein for Swaziland recp in 5 weeks for 4739 (Robinson)

MALTA: DW 11865, 17865, 17875, cards in 15 to 60d (Keller, Bowlsby, Hanner, Calkin, Barto, Paschke)

MARTINIQUE: ORTF, 5995, no data card in 17d for EE rept and 1 IRC (Smith)

MAURITIUS: MBC 9710, card in 4 weeks for EE rept for 3 IRC used stamps (Reeves)

MEXICO: XEQM, 6105, 250 watts, record, stickers, cards in 8d for SS rept mint stamps and 3 Dog Nite record (Reeves)

R Mexico 9705 lttr in SS from v/s Lic. Victoria E. Perez de Leon and schedule and questionnaire, tourist literature, pennant, air in 13 weeks for SS report w/3 IRC (Pad

MONGOLIA: R Ulan Bator 17785, Swazi reception, Mongolian mint stamps (Robinson) Julia)

NETHERLAND ANTILLES: R N 6165 card in 14d no rp (Meehan)

NEW GUINEA: R Wewak, 3335 full data lttr in 1 month after f/up with ms (Bowlsby)

NEW ZEALAND: RNZ 15110 usual globe card, amp and info on NZ in 149d for 2 IRC (Brooker) 11780, card and pamphlets in 251d (Powers)

NIGERIA: 4990 NBC card in 29d (Powers)

NORWAY: R Norway 15175 card and program in 2m air no rp (Talbot) 17800 card etc in 50 d one IRC (McCarthy) 21670 reindeer card in 13d wrong freq (Hanner)

PAKISTAN: R Pakistan 11672, finally after years of trying card in 8m card shows Shalimar Gardens (Sgru) 7085 lttr in 6 weeks, v/s Mohammed Baig (Padula) Asid Kashmir r 3914 lttr from Siddiqui in 7d for Swaziland recp (Robinson)

PAPUA: VLT4, New Guinea, 4890, NBC v/s Allen Hull form lttr, in 28d for 2 IRC (Schwart)

PERU: R Atlantida, 4789, no data lttr and stamps in 5m air for SS rpt (Bowlsby)

R Andahuaylas 4839 SS lttr in 1m for mint stamps, post cards, SS rpt. Sta now under new ownership, promises pennant for used stamps sent in (Reeves)

PHILIPINES: FEBC, 15440, card and religious info in 108d (Powers)

POLAND: 7285, Polish R map card sked lttr in 55d for 1 IRC (Rockwood) 6135 card and lttr in 36d (Powers)

RHODESIA: RBC 3306, postcard with artistic drawing of 2 of their native animals air in 15d for 2 IRC (Earhart)

ROMANIA: R Bucharest 9690 card w/all data sked 2 month air for 1 IRC (Rockwood)

RWANDA: DW Kigali 11765 20d air for 3 IRC MacLeod)

RYUKYU ISLANDS: VOA 7165 card in 5d no rp (Russell)

SARAWAK: R Malaysia, 5005, picture of studio building in 16d air for EE rept, 2 IRCs, EE sked on card (Wayer) 6050 card air in 6 weeks for 2 IRC (Padula)

SAUDI ARABIA: Riyadh, 21590/11890 separate cards via registered mail in 6w (Padula)

SENEGAL: R Senegal, 4890, card in 46d for EE rpt and 1 IRC (Smith)

SEYCHELLES: FEBA 11855, card in 22d for EE rpt and 1 IRC (Smith)

SOMALI REPUBLIC: 6095, white pc with 3 antennas sending out signals. time in 4m (Sgru)

SOUTH AFRICA: RSA 7270 Nuala Ram card in 17d air (Wiles) 9695 diamond card in 32e (Levin) 9525 tree card in 18d (Brooker)

SABC 3997 full data card in 20d (Powers) 3980 card and sked in 34d air for 2 IRC Keller)

SPAIN: RNE 6065, picture of aeriels card and sked in 14d air (Wiles) 11925 farm card sked pennant in 16d air for 2 IRC (Brunner) 15145 card in 15 w air (Hanner)

SRI LANKA: SLBC, 11835, card in 2 weeks (Hanner) 15425 card in 3 wks (Padula)

SUDAN: R Omdurman, 9505, lttr in 68d EE sked (Gavarras) same after 4 f/ups lttr in 194d air for 2 IRC (Schwartz)

SWAZILAND: TWR Manzini, 11730, folder card in 4 wks for EE rpt no rp (Hanner) same in 12d air for 1 IRC card indicates rpt first from Aust. (Padula) 6070, 9615, 7235 from friend David Fisher, long lttr giving current status of station construction and saying that wiring I helped them with to be installed in 2nd tx. (Robinson)

SWITZERLAND: SBC 9725, for Italian report, a kind personal lttr air mail in 2 weeks for L IRC (Fino) 15140 full data card in 6 wks sea mail no rp (Russell) same in 42d air no rp (Talbot)

SYRIA: R Damascus, 15165, pennant and card in 4 years 4 months for 2 IRC (Soneff)

TAHITI: R Tahiti, 9750, 11825 cart on card in 2 months (

TANZANIA: R Tanzania 15345 card in 197d (Powers)

THAILAND: Thai TV 7107, lttr in 26d for mint stamps, pc, newspaper article, EE rpt they claim 7105 (Reeves)

TURKEY: TRT, 11880, program sked and card in 42d no rp (Powers)

Voice of Turkey 11880, pc of porcelain in Sehzade Mustafa Mausoleum, pennant, skeds, 3 weeks by air for 2 IRC (McCoy) 11880 card and book in 22d air no rp (Talbot) same in 18d (McCarthy)

UPPER VOLTA: RTV 4815, FF lttr in 40d for EE rpt and 1 IRC (Smith)

VATICAN: R Vatican, 9660, painting card air in 3 wks for this new freq (Padula) 9605

CARD IN 12d for 1 IRC (McCarthy)

VENEZUELA: R Barquisimeto, 4990, card in 36d 1 IRC (McCarthy) same in 70d (Powers)

R Juventud, 4900, card in 30d 1 IRC (McCarthy) same in 30d (Dean)

R Universo, 4880, full data card in 37d for 1 IRC (Powers)

VIETNAM: VOV, 10040, light paper card with friends name on it in 138d for 1 IRC (Power) card and propaganda papers for 1 IRC (Powers)

VTVN, 4877 blue white card in 40d for Vietnamese rpt, ms, cancelled stamps (d'Adolf)

YEMEN: Peoples Dem Rep of Yemen Bro Service, 7190, card in 183d for EE rpt and one IRC (Smith) 5060, pink card in 80d (Srug)

ZAIRE: La Voiz du Zaire, 15245, FF lttr in 122d (Powers) same in 375d for 1 IRC (Gavaras)



RADIO BAGHDAD Transmits 70 Hours Daily in 11 Languages:
Arabic, English, French, German, Hebrew,
Kurdish, Persian, Russian, Turkish, Turcoman,
and Urdu.

CONTRIBUTORS:

Bowlsby, Jeff B.C.
Brooker, Jim Michigan
Clawson, Dick Florida
Dean, Dennis Ohio
Dexter, Gerry Wisconsin
Fino, Henry New York
Gavaras, Tom Minn.
Hanner, Robert Australia
Hardester, Mike California
Keller, Gladys New York
Lasarus, Henry Louisiana
Levin, Mike Connecticut
MacLeod, R Pennsylvania
Mayer, Alan Illinois
McCarthy, D. C. Indiana
McCoy, Robert Nebraska
Meehan, Jim California
Overcamp, T. Maryland
Padula, Bob Australia
Paschke, Bill Wisconsin
Powers, Jeff Pennsylvania
Robinson, D. Pennsylvania
Rabone, George New York
Reeves, Scott Maryland
Rockwood, Henry Ohio
Russell, Keith Illinois
Schwartz, Richard Delaware
Shaw, Ed California
Sgrulleta, John New York
Smith, Myron New York
Soneff Jr., John Louisiana
Stuart, Jerry Oklahoma
Talbot, Larry Wisconsin
Trasankus, Rosemary Illinois
Wiles, Robert West Virginia

I seem to have left out Dan Henderson in Maryland. Dan had a good month with many good veries. I personally would like to say a happy new year to all the members. I hope that everyone has a good year. Many thanks for the encouraging letters from several of my regulars. I appreciate the notes etc in your reports because it gives me an idea of what the members want. Thanks go to Scott Reeves for the suggestions on using some abbreviations throughout the column.

Now let me ad a couple of sad notes for you. I had to dispose of several reports because I just could not read someones writing and after I cut the reports in strips some did not have any name after them. Please follow the format that is layed out in this column when you are reporting. Also I now want triple spacing between items, or cut your report into small individual strips before you mail them.

Please report to all editors in the club. You are the club. 73's Bob

Bob

LISTENER'S



First, let me extend thanks to those of you who sent me Christmas cards.

Dan Jamison
310 Roanoke Street, Apt. 21
Richmond, VA 23225

Deadline: 15th

We will again forgo this month's SPOTLIGHT, but in its place we will have a station feature submitted by Dan Henderson on the Gauhati station of the All India Radio network. Dan obtained the info. from his personal friend at the station.

*** THE GAUHATI STATION OF AIR:**

Gauhati is the capital of the north-eastern province of India named Assam. It is located on the banks of the Brahmaputra river and has a population of 500,000. Gauhati is one of the important stations of All India Radio (AIR). It was established in 1948. The transmitting station of the Gauhati station is located nine miles west of the studio building. The station has four transmitters - two medium wave and two short wave - which are 50 and 10 kilowatts each, respectively. The Gauhati station, like the other stations of AIR, broadcasts programs both for educational purposes and for entertainment. It broadcasts mainly in the Assamese language which is one of the principal languages of India. Besides Assamese, it broadcasts in English, Hindi, Nepali, and other dialects of north-eastern India. There are no commercials in the transmissions because this is a government operation. Some of the programs are relayed from Delhi which is the main station of All India Radio. The schedule is:

0030-0145	on 3375	0200-0340	on 5970	0230-0345	on 6130	1100-1215	4775
1200-1700	3375	0630-0830	5970	0530-1000	6130		
0100-0215	3375	1030-1145	5970				
1230-1700	3375						

AUSTRIA ORF, Osterreichischer Rundfunk beams to North America from 2300-0400 on 6155 and 9770. (Jim Brooker, MI and Mark Brown, OH)

ANGOLA Radio Diamang operates fm 0900-1230, 1730-2200; Sunday: 0900-2100 on 4770 and 9615. Frequencies have been known to be variable. Emis Official news is relayed at 1200 and 1900. (Richard Ginbey, S.Afr. via C. Wootten)
RC de Angola opens at 0600 (vice 0545). There is no IS. Look for them on 9633 and 9688. (Richard Ginbey, S.Afr. via Charley Wootten, MD)

ARGENTINA Radio Sumacorco now operates on 6375; however, reception is very difficult as this band is used by several coastal stations. Tune for them from 2200-0100 sign-off. They use various slogans, i.e. "LV del Potosi" and "LV del Estano Boliviano". (Roberto Iglesias, Argentina via SCDX via CW)

BANGLADESH English is now heard from R. Bangladesh on 15220 from 1230-1300 (SCDX #1301 via Charlie Wootten, MD)

BRAZIL RNB's English svc is at 2100-2200 on 9605. (SCDX via Charlie Woott)

RADIO INCONFIDENCIA operates on 6000 KHz from 0900-0300 and on 15190 KHz fm 0900-0300 daily. Check 'em out. (Eric Falkenhan, MD)

CHINA The PEOPLE'S LIBERATION ARMY stations b/c to the offshore islands and Taiwan according to the following sked provided by the BBCMS:

24 hrs. -	4840, 4380	2005-0039, 1000-2000	on 3900, 3200
0040-0530	on 7850, 7280, 7025, 6400	2228-0039, 1000-1359	4330
0155-0530	8195	2228-0530, 1000-1127	5240, 5170
1000-1359	3640	2228-0530	5265
2005-0154	3400	2300-0530	5870
2005-2225, 1128-2000	on 2430	2326-0530	5900
2005-2325, 1000-2000	2800, 2600	2327-0530	6765
2005-2225, 1127-2000	3535		

RADIO PEKING has EE to ECNA fm 0100-0200 on 17490, 15165, 15060, 11945, 11455, 11375, 10865, 9940, 8240, 7060, and via Tirana: 9780, 7120

WCNA 0200-0300 17490, 15060, 12055, 11455, 10865, 9940, 8240, 7060
0300-0400 17530, 15165, 15060, 12055, 11650, 11630, 11375, 10865, 9460, 8240, and via Tirana: 9780, 7120

0400-0500 17530, 15060, 12055, 11650, 11630, 10865, 9460, 8240.

RADIO PEKING RELAY STATIONS:

URUMCHI	0030-0125	on 7050, 4110	HUHEHOT	2200-0059	4895, 4068
	0130-0225	5440, 4970		0330-0545	" "
	0432-0520	5060, 4220		1000-1350	" "
	1200-1250	" "		2130-0100	4895, 4060
	variable	6280, 4500		0230-0550	" "
		5440,		0900-1355	" "

continued:

URUNCHI - continued

1500-1600	on 4895,4060	HAILAR	2200-2250	on 6077,3900
LHASA 2330-0025	9655,9490,		0430-0520	" "
1100-1155	& 4035		1200-1250	" "

(via BBCMS)

CLANDESTINE VOICE OF THE MALAYAN REVOLUTION: Now try their new EE broadcast fm 1500-1530 on 15790 and 11830. Also pgms in lang are b/c at 0515-0550 and 1115-1150 plus 1330-1405 and 2245-2320 transmitted on the same freq's ... 15790 and 11830. (BBCMS - not for reprint)

VOICE OF IRAQI KURDISTAN: B/c's in Durdish opening at 1500, Arabic at 1700, and English at 1800 on 10050 and 5868. (by permission, BBCMS)

DOMINICAN REPUBLIC R. Norte is a new station hrd on 4810 (the ann'c'd 4800), but R. Lara is on that freq. Also another new sta: R. Tricolor is on 4770 til 0400 s/off b/c'ing from Santo Domingo. (SCDX #1302 via Charlie Wootten, MD)

EGYPT R.Cairo has EE fm 1730-1845 on 15415. (by permission, BBCMS)

FINLAND The NA Eng Svc for R,Finland is b/c at 0300 on NF 9720. (JIMMY JONES, TN Charlie Wootten, MD)

GAMBIA R. Gambia uses a Marconi HS-31 transmitter with a power of 3.1 KW and a vertical incident radiator oriented so that maximum lobe is in a east-west direction. Look for them on 4820 in congruence to this sked: weekdays: 0630-0800 (Sat's til 0900) Sundays: 0830-1400
1200-1400 1630-2300
1700-2300 (via Jeff Bowlsby, Vancouver, Canada)

GHANA The Ghana B/c'ing Corp. directs broadcasts to NA fm 2000-2100 on 11850. Tune 6130 fm 2000-2300 for their EE b/c to West Africa. (by permission, BBC Monitoring SVC)

GREECE The National Hellenic B/c'ing Institute now broadcasts to the Panama Canal Zone in Greek at 1400-1450 on 15435
Azores Greek 2000-2050 7215
Australia Greek 2100-2150 7215 (by permission,
Japan Greek 2200-2250 6075 BBCMS)

ICELAND The Voice of Iceland has again been hrd on 12175 at 2030. Rob Nijhof via BDXC via Charlie Wootten, MD)

JAPAN Radio Japan has made a few slight changes in their sked to NA. Look for them at 2345-0045 on 11725,15270. and fm 0100-0300 on 15195,15235,17725, and 17825. (via Ken Earhart, PA)

KUWAIT Radio Kuwait now has an English broadcasting "skedule" fm 0800-110 on 15345 to East & SEA and 2000-2300 on 15415 and 9715 directed to Europe, East and SEA. (George Rabone, NY)

MALAWI NASWA new member John Bianchi, NY, reports the following sked fm the Malawi B/c'ing Corp: 0257-0520 on 3380 0600-1715 on 7130
0500-2100 5995 1750-2215 3380

MEXICO R. Tricolor is also identifying as "Radio Pieta" in their daily xmsn on 15110. Charlie Wootten has noted them fm 1500-2000+.

MONGOLIA The WRTH in a note to DSWCI says: "Ulan Bator b/c's in EE on weekdays at 1220-1250 on 17785 // 17820 and at 2200-2230 on 11810 // 11860 to SEA and the Far East. (via Charlie Wootten, MD)

NEW ZEALAND You might try using this different address from the one listed in WRTH when writing RNZ: H. Taylor-Smith (R.N.Z.), N.Z.B.C., Broadcasting House, Box 2396, Wellington, New Zealand. (Mike Peraaho, MN)

NORTH KOREA Radio Pyongyang b/c's between 1600-2200 on new 9975 (vice - 9777). The EE b/c is fm 1800-2000. (by permission, BBCMS)

RHODESIA RBC has ann'c'd that due to a deterioration of SW propagation condx, it will use an additional xmtr operating in the 60 meter band. between 0520 and 0800 and the scheduled xmtr in the 49 m.b. will come on the air at 0625 instead of 0545. Freq's affected are 5012 and 6020. (by permission, BBCMS)

SOUTH AFRICA Radio RSA b/c's to North America fm 2226-2320 on 15115, 11900,9695,9525. (via David Jones, VA)

SWAZILAND According to Al Steward of TWR's DX Special, TWR-Swaziland has 1 xmtr on a permanent sked while the number 2 xmtr is on a temporary operating schedule. The 2nd xmtr, he states, will be on a permanent sked soon. Here is the sked as he read it.

XMTR 1: Permanent 0330-0700 on 6070 (0845 on Sunday)
1615-1645 6070continued

XMTR 1: continued 1655-2000 on 3365

XMTR 2: Experimental 4970, 6165, 7230 and an extension of 6070 sked. times of operation are not known. I would think that the operating times would closely resemble the sked of xmtr 1. (EP)

The IS of TWR-S is a rapid drum beat. Programming seems to be mostly in EE. (via Eric Falkenhan, MD)

SWAZILAND Swazi Music Radio uses 100 KW on 3223 fm 1700-2200 and on 6155 fm 0400 (Sun: 0600)-1600. Somedays the 100 KW is observed on 6155 throughout, otherwise switching to 10 KW fm 1600-1800. (Richard Ginbey, South Africa via Charlie Wootten, MD)

TAHITI Radio Tahiti bc's in English fm 1900-1907 on 15170 everyday. The name of the program is the "South Pacific Bulletin". It consists of world news and local weather. (Greg Ravenhorst, MN)

TOGO RDF Togo in Lome, operating on 5047 b/c's a news bulletin in ENGLISH daily fm 1930-1940. (SCDX #1302 via Charlie Wootten, MD)

UNITED STATES OF AMERICA Radio station KGEB, Redwood City, CA, b/c's in English fm 0630-0700 on 6000; 0700-0900 on 5980; and 1400-1500 on 5980. (via Ken Earhart, PA)

USSR An announcement given in the "Pacific Ocean Radio Station" xmsn fm Vladivostok states that English language lessons are to be introduced in programs for Soviet fisherman and seamen to enable further study on the language during voyages abroad. These broadcasts will be given every Wednesday fm 0930-1000 in the Vladivostok First Program and repeated during the 1900-2000 xmsn of the Pacific Ocean Radio Station. Vessels near the coasts of Canada and Japan and in the Bering Sea are advised that the P.O.R.S. can be hrd on 5015, 7160, 7300, and 12010, while those in the South China Sea, near the coasts of Australia, New Zealand, Indonesia, and the Antarctic can hear the b/e on 6175, 7280, 7315, and 9735. (SCDX #1302 quoting fm BBCMS via Charlie Wootten, MD)

YEMEN Radio Sanaa is observed on new 6050 // to usual 5805 at 2030 in Arabic. (Richard Ginbey, SA via Charlie Wootten, MD)

ZAMBIA Lusaka has been named one of the four African sites for a United Nations sponsored "Freedom Radio" to b/c around the clock into South-West Africa in the various languages spoken in that territory. The General Service of ZBS has dropped 11850 and 17895, previously 0800-1415. (Richard Ginbey, South Africa via Charlie Wootten, MD)

ETC ... JAMMING From the Fickle Finger of Fate Scoreboard comes this tally of recent jamming events:

- ... In September, Bulgaria agreed to stop jamming the VOA (New York Times).
- ... Chile noted with heavier jamming of Radio Havana's LA svc's, but apparently no more jamming of other countries, e.g. Radio Moscow's Chilean Svc. Guess that they decided to jam one effectively rather than several ineffectively.
- ... Soviet Union's jamming of the Israel Broadcasting Authority has been stepped up, is now not only stronger, but now sometimes also includes jamming of the Hebrew HS relays on SW- 12045, 11645, 9495, etc.

(CB editor Larry Magne, PA)

While speaking of jamming, the BBCMS notes that RC de Mocambique has reported that the private commercial broadcasting station, Emissora do - Aero Clube de Beira has opened negotiations with the Portuguese Armed - Forces of Mozambique to purchase the powerful transmitters used by the Portuguese Army to interfere with the broadcasts presented by Frelimo through the facilities of Radio Tazania.

And so concludes another LISTENER'S NOTEBOOK. A hearty word of thanks is extended to all of our contributors for their valuable and interesting contributions to LN. We are looking forward to receive some material from YOU! Schedules, observations, tid-bits, and general information are always welcome. If you desire the return of your sked, please enclose a SASE and it will be returned to you promptly. Please, all times GMT and use only one side of the paper. See ya next month!

73 and Happy Listening,

Dan

ENGLISH LANGUAGE TRANSMISSIONS TO NORTH AMERICA

This tabulation is based on data from actual monitoring, from official schedules, and from data provided by the BBC Monitoring Service. We have made it as accurate as possible, though we acknowledge that it may contain some errors. Any corrections, changes, or additions may be sent to Dan Ferguson, at NASWA headquarters. The address is NASWA, Box 8452, South Charleston, WV 25303 USA.

Data in this list is for the winter broadcasting quarter, November, 1974, thru February, 1975.

<u>ALBANIA</u> R. Tirana	<u>CHINA(P.R.)</u> Radio Peking
0000-0030 7065, 9780	0000-0100 9940, 11945, 15060
0130-0200 6200, 7300	0100-0200 7060, 7120(Tirana), 9780(Tirana), 9940, 11945, 12055, 15060, 17855
0230-0300 6200, 7300	0200-0300 7060, 9940, 12055, 15060, 17890
0330-0400 6200, 7300	0300-0400 7120(Tirana), 9780(Tirana)
<u>ARGENTINA</u> RAE	0300-0400 9460, 11650, 12055, 15060, 17855
0300-0400 9690	0400-0500 9460, 11650, 12055, 15060, 17855
0600-0700 9690	1200-1300 11645
2300-0000 11710	<u>CHINA(Taiwan)</u> BCC, Broadcasting Corp of China
<u>AUSTRALIA</u> R. Australia	0200-0300 5980, 7130, 9685, 11825, 15125, 15370, 17720, 17890
to North America	1900-2000 9685, 11825, 11860, 15125, 15370, 17720, 17890
0100-0300 11970, 15320, 17795	<u>COSTA RICA</u> TIFC, Lighthouse of the Caribbean
1115-1245 9580	0300-0430 6175, 9645
to Europe	<u>CUBA</u> Radio Havana Cuba
0645-0915 9570	0100-0450 11760
0700-0915 11765	0100-0600 11725
to Africa	0330-0600 11725, 11930
0330-0500 15290, 17820	0630-0800 9525
<u>AUSTRIA</u> ORF	2010-2140 15155
0130-0200 6155, 9770	2050-2150 11970, 17705
0330-0400 6155, 9770	<u>CZECHOSLOVAKIA</u> Radio Prague
<u>BANGLADESH</u> R. Bangladesh	0030-0100 9540
1120-1150 7250, 9550	0100-0157 5930, 7345, 9540, 9630, 11990
1230-1300 17680	0300-0357 5930, 7345, 9540, 9630, 9740, 11990
1815-1915 7250, 9488	<u>DOMINICAN REPUBLIC</u> RTV Dominicana, HISD
<u>BELGIUM</u> RTV Belge	0100-0115 9505
2355-2315 9730, 11855	<u>ECUADOR</u> HCJB, The Voice of the Andes
0040-0100 6055, 9730	to NA 1215-1630 11740, 15115
<u>BRAZIL</u>	1500-1630 17880
2100-2200 9605	0030-0500 11915
2100-2300 11780	0030-0700 5970, 9560
<u>BULGARIA</u> Radio Sofia	to SA 1230-1500 15405
0000-0100 9700	to Eur 1730-1800 15315, 17705
0400-0430 9700	1900-2030 11740, 15305
<u>CANADA</u> Radio Canada International	0715-0830 6130, 9760
0100-0157 6085, 9755	0715-1030 11915
0400-0557 6135, 9655(9755?)	to S. Pac.
1100-1215 5970, 9655, 11825	0500-0700 11915
CBC Northern Service	0715-0830 11745
1100-0630 5960, 9480, 9625, 11720, 11990	0715-1045 6130, 9745
<u>CHILE</u>	<u>EGYPT</u> Radio Cairo
0030-0050 6195, 9565	0200-0300 to NA 9475
0120-0140 6195, 9510, 15150	2145-2300 Eur 9805
0230-0250 6195	<u>ETHIOPIA</u> ETLF, Radio Voice of the Gospel
0430-0450 11810, 15150	0400-0425 7165
1030-1050 6195, 15150	0530-0610 11860
1220-1250 6195, 11810	1315-1330 15245
2210-2230 9610	1810-1825 9705
	1945-2030 11840

FINLAND Finnish BC Co.

0300-0330 9720(9550 after 3/2/75)
 1400-1430 15185
 1600-1630 15185
 1800-1830 15185
 2030-2100 15185

FRANCE ORTF

to Africa
 1130-1215 15155, 15245, 17720, 17730,
 21580, 21620
 0515-0545 7135, 9675, 11710, 11735

GERMANY(East) Radio Berlin Int'l

0100-0145 9730
 0230-0315 9730
 0330-0415 5955, 6080, 9730
 to W.Africa
 2000-2045 9510, 15250

GERMANY(West) Deutsche Welle

0100-0250 6010, 6040, 9565, 9690
 0115-0250 6100, 9745, 11865
 0300-0350 6040, 6075, 6185, 9545
 0445-0550 6075, 6185, 9545

GHANA Radio Ghana

1445-1530 15285 to SA
 2000-2100 11850 to NA

GREAT BRITAIN BBC

5975 2115-0430, 0545-0730
 6175S 2300-0330
 7130 2245-0430
 7150 0545-0915
 7325 2300-0330
 9510A 2300-0430
 9640 0545-0915
 9740T 0900-1315
 9740S 2300-0030
 11750T 0900-1315
 11750 2000-0430
 11905S 1200-1315
 11955 0700-0915
 15070 0745-1615
 15195S 2000-2245
 15260A 2000-0330, 1500-1515
 15310T 0900-1315
 15365S 1100-1130, 1700-1830
 17790 1300-1515
 17840A 1430-1615

GUATEMALA TGNA, R. Cultural

0300-0400 3300, 5955

HAITI R. 4VEH, Evangelistic V. of W. Indies

1100-1215 6120, 9770, 11835
 1215-1400 3340, 6120, 9770, 11835

HONDURAS HRVC, La Voz Evangelica

0300-0430 4820

HUNGARY Radio Budapest

0100-0130 6000, 7220, 9833, 11910, 15220
 0300-0330 6000, 7220, 9833, 11910, 15220
 0415-0445 6000, 7220, 9833, 11910, 15220

INDIA All India Radio, AIR

English Gen. Overseas Service
 0900-0930 11715, 11910, 11935, 15180,
 15360, 17840
 1000-1100 11725, 11775, 15190, 15205,
 17385
 1330-1500 11810, 15335
 1745-1945 9525, 9527, 11620, 15080

INDIA (continued)

1945-2045 9525, 9755
 2045-2230 9912, 11740
 2245-0115 11710

IRAN Voice of Iran

2000-2030 9022

IRAQ Radio Baghdad

1930-2020 9745

ISRAEL Israel BC Authority, IBA

0500-0515 7395, 9009, 9495, 12000
 1130-1200 9009, 12025, 15100, 15130, 17690
 2000-2055 7395, 9009, 9495, 9815, 12025,
 15100, 15130, 17690

ITALY RAI, Rome

0100-0120 6010, 9575

JAPAN NHK, Radio Japan

N. A. Service
 2345-0045 11725, 15270

General Service

0000-0015 9585, 15105, 15195
 0100-0115 9585, 15105, 17880
 0200-0215 9585, 15105, 17880
 0300-0315 9585, 15105, 17880
 0400-0415 9505, 9585, 17880
 0500-0515 9505, 9585, 17880
 0600-0615 9505, 17855, 17880
 0700-0715 9505, 15195, 17855
 0800-0815 9505, 15195, 17855
 0900-0915 9505, 15195, 17855
 1000-1030 5990, 9585, 15195
 1100-1115 5990, 9585, 15195
 1200-1215 5990, 9585, 11815
 1300-1315 5990, 9585, 11815
 1400-1430 5990, 9585, 11815
 1500-1515 5990, 9585, 11815
 1600-1615 5990, 9585, 11815
 1700-1715 5990, 9585, 11815
 1800-1815 5990, 9585, 11815
 1900-1915 9505, 9585, 11815
 2000-2015 9505, 9585, 11815
 2100-2115 9505, 9585, 11815
 2200-2215 9585, 15105, 15195
 2300-2330 9585, 15105, 15195

KOREA(North) Radio Pyongyang

0600-0730 9820
 1000-1100 3560, 9455
 1200-1400 3560, 7405, 7580, 9370, 9410,
 9455

KOREA(South) Radio Korea

0500-0530 9640, 11925
 0630-0700 9640, 11925
 0900-0930 9640, 11925
 1100-1130 9640, 11925
 1430-1500 9640, 11925
 1900-1930 9640, 11925

KUWAIT Radio Kuwait

0500-0800 15345
 1700-2000 9715, 15415

LEBANON Radio Beirut, Radio Lebanon

0230-0300 9545, 9675

LIBERIA RLWA

2000-2100 11950
 2215-2300 4770
 0615-0700 4770, 11950

<u>LUXEMBOURG</u> Radio Luxembourg 0000-0200 6090(English & Ger.)	<u>SEYCHELLES</u> FEBA 0600-0830 15270 to S. As. 1530-1645 15325 & 11930 to S. As. 1745-1800 15330 & 11890 to ME/N.Afr.
<u>MALAGASY REP.</u> R. Nederland 1400-1520 11740 2000-2120 11730	<u>SINGAPORE</u> Radio Singapore 2230-1630 5010, 5052
<u>MONACO</u> Trans World Radio 0600-0730 7105	<u>SOUTH AFRICA</u> Radio RSA to NA 2230-2320 9525, 9695, 11900, 15155 to W. Afr/ Eur 2100-2150 7270, 9525, 11900, 15155 All night service 2200-0300 3250, 3980 0300-0500 5980
<u>NETHERLANDS</u> R. Nederland 2130-2250 9715, 11730 1400-1520 15155	<u>SPAIN</u> Radio Nacional España 0100-0145 6065, 11925 0200-0245 6065, 11925 0300-0345 6065, 11925
<u>NETH. ANTILLES</u> R. Nederland 0200-0320 6165 0500-0620 6165, 9715 Trans World Radio 1105-1245 11815 0030-0130 11815 1230-1430 Sunday, 15255	<u>SRI LANKA</u> Colombo 0030-0430 11725, 15425 1230-1730 11725, 15425
<u>NEW ZEALAND</u> Radio New Zealand, NZBC 1700-1945 6080, 9755 2000-2230 11780 2000-0545 15110 2245-0545 17770 0600-0845 6080, 9540 0900-1145 9520, 11705	<u>SWEDEN</u> Radio Sweden 0030-0100 6165 0230-0300 6135 1400-1430 17710
<u>NIGERIA</u> Voice of Nigeria 0600-0730 7275, 15120, 15185 1530-1700 7275, 15120, 15185 1800-1930 7275, 11770, 15120	<u>SWITZERLAND</u> SBC, Swiss BC Corp. 0145-0215 5970, 6120, 9535, 11715 0430-0500 5970, 6120, 9535, 11715 1315-1345 15140 2100-2130 11720, 11870, 15305, 15430
<u>PAKISTAN</u> Radio Pakistan 1100-1115 15115, 17910 1300-1315 15520, 17845 1530-1545 11672, 15220 1745-1800 9690, 11672 0000-0015 11885 0230-0245 17830, 21730 0430-0445 15325, 17830, 21590	<u>TAHITI</u> Radio Tahiti 1900-1910 11825, 15170
<u>PHILIPPINES</u> Far East Broadcasting Corp. 0630-0830 11810, 15270 1530-1645 11790, 15325 1745-1800 11855 Tu/Wed 0600-0830 11810, 15270, Su only Voice of the Philippines 0900-1655 9580	<u>TURKEY</u> Radio Ankara 2200-0115 11880
<u>POLAND</u> Radio Warsaw 0200-0235 11810, 15120 0300-0335 9675	<u>USSR</u> Radio Moscow English to Eastern North America 2300-2330 4860, 5915, 5940, 6000, 6020, 6045, 6175, 7105, 7150, 7165, 7205, 7205, 7235, 7330, 7355, 7390, 7400, 7420, 7440, 9800, 11980, 12050, 15180, 17720, 17775, 17830, 17870 2330-0000 4860, 5915, 6000, 6020, 6045, 6175, 7105, 7150, 7165, 7205, 7235, 7355, 7420, 7440, 9800, 11980, 12050, 15180, 17720, 17775, 17830, 17870 0000-0030 4860, 5915, 5940, 6000, 6020, 6045, 6175, 7105, 7150, 7165, 7205, 7205, 7235, 7355, 7420, 7440, 9800, 11980, 12050, 15180, 17730, 17775, 17830, 17870 0100-0130 4860, 5915, 5940, 6020, 6045, 6175, 7105, 7150, 7205, 7210, 7355, 7440, 9800, 11980, 12000, 12050, 17720, 17775, 17830, 17870 0130-0200 4860, 5940, 6020, 6045, 6175, 7105, 7150, 7165, 7205, 7210, 7290, 7355, 7440, 9780, 9800, 11980, 12000, 12050, 17775, 17870 0200-0300 4860, 5940, 6020, 6045, 6175, 7105, 7165, 7185, 7205, 7210, 7355, 9610(from 0230), 9700(Sofia) 9780, 9800, 11980, 12000, and 12050(to 0230)
<u>PORTUGAL</u> Radio Portugal	
<u>RUMANIA</u> Radio Bucharest 0130-0230 5990, 6155, 6180, 9570, 9680, 11775, 11940 0300-0330 as above 0400-0430 as above 1300-1325 9690, 15250	
<u>SARAWAK</u> Radio Malaysia Sarawak 1500-1600 4950	

USSR Radio MoscowEnglish to Eastern North America(cont.)

0300-0330 4860, 6045, 6175, 7150, 7165,
7205, 7355, 9700(Sofia)
0330-0400 4860, 6045, 6175, 7165, 7185,
7205, 7355, 9700(Sofia), 9800
0400-0430 5940, 7150, 7185, 7205, 7355,
7400
0430-0500 5940, 7150, 7185, 7205, 7355,
7400

English to Western North America

0330-0530 9780, 11690
0330-0730 5985, 6020, 7260, 9580,
9735, 11980
0430-0730 7165
0530-0730 7150
0600-0730 7110, 7300

USSR ARMENIAN SSR Radio Yerevan

0325-0330 Su/W/Th/Sa on 5985, 9610,
9735, 11690

USSR LITHUANIAN SSR Radio Vilnius

2230-2300 Sa/Su 7165, 7190, 7310, 9530,
9665, 9735, 9745, 11770,
11850, 11980, 12070
0030-0100 Su/W 5940, 7320, 7355, 9520,
9595, 15440

USSR UKRAINIAN SSR Radio KievSu/Tu/F

0030-0100 5915, 6000, 6020, 7150, 7205,
7350, 7420, 9800, 11980,
12000, 12050, 15180, 17720,
17775, 17830, 17870. Add
12040, 15450, 17775
0300-0330 5940, 6020, 7185, 7260, 7400,
9580, 9780, 9800, 11860,
11980, 12000, 12050, 15210

USSR UZBEK SSR Radio Tashkent

1200-1230 6025, 9540, 9600, 11925, 11950
1400-1430 6025, 9540, 9600, 11925, 11950

UNITED STATES KGEI

0700-0900 5900

WLAB

1745-1945 17720
1947-2245 15185

VATICAN CITY Vatican Radio

0100-0115 5995, 9605, 11845

VIETNAM(north) Voice of Vietnam

1000-1030 10040
1300-1330 10040, 15012
1800-1830 12025, 15012

Note: A program called the Voice of Vietnam is broadcast during some of the English transmissions of Radio Havana Cuba.

ENGLISH TRANSMISSIONS AUDIBLE EACH HOUR

In the following list, a station listed at a particular time means that the station broadcasts during the hour which begins at the time shown. Where additional times are given, these are the time the station begins its broadcast.

0000 Albania, Belgium, Bulgaria, Canada, Chile, China(PR), Czech., Ecuador, Great Britain, India, Japan, Luxembourg, Neth.Ant., N.Zealand, Pakistan (Cont.)

0000 (cont.), S.Afr., Sri Lanka, Sweden, Turkey,USSR, Lith.SSR, Ukrainian SSR
0100 Albania(0130), Australia, Austria(0130), Bulgaria, Canada, Chile(0120), China(PR), Czech, Cuba, Dom.Rep., Ecuador, E.Germ., W.Germ., G.Britain, Hungary, India, Italy, Japan, Lux., N.Antilles(0130), N.Zealand, Rumania(0130), S.Afr., Spain, Sri Lanka, Switz(0145), Turkey, USSR, Vatican.
0200 Albania(0230), Australia, Canada, Chile(0230), China(PR),China(Taiwan),Cuba, Ecuador,Egypt,E.Germ(0230),W.Germ.,Gt. Britain,Japan,Lebanon(0230),Neth.Antilles, N.Zealand,Pakistan(0230),Poland,Rumania, S.Afr., Spain,Sri Lanka, Sweden, Switz, USSR
0300 Albania(0330), Argentina, Australia(0330) Austria(0330), Canada, China(PR), Costa Rica, Cuba, Czech, Ecuador, Egypt, Finland, E.Germany(0330), W.Germany, Gt. Britain, Guatemala, Honduras, Hungary, Japan, Neth. Antilles, N.Zealand, Poland, Rumania, Spain, Sri Lanka, USSR, Armenian SSR, Ukrainian SSR.
0400 Australia, Bulgaria, Canada, Chile(0430), China(PR), Costa Rica, Cuba, Ecuador, Ethiopia, E.Germany, W.Germany(0445), Great Britain, Honduras, Hungary(0415), Japan, N. Zealand, Pakistan(0430), Rumania, Sri Lanka, Switzerland(0430), USSR.
0500 Canada, Cuba, Ecuador, Ethiopia(0530), France, W.Germany, Great Britain, Israel, Japan, South Korea, Kuwait, Neth. Antilles New Zealand, USSR
0600 Argentina, Australia(0645), Canada, Cuba(0630), Ecuador, Great Britain, Japan North Korea, South Korea(0630), Kuwait, Liberia(0615), Monaco, Neth. Antilles, New Zealand, Nigeria, Philippines(0630), Seychelles, USSR.
0700 Australia, Cuba, Ecuador(0715), Great Britain, Japan, Kuwait, Monaco, New Zealand, Nigeria, Philippines, Seychelles, USSR, USA
0800 Australia, Ecuador, Great Britain, Japan, New Zealand, Philippines, Seychelles, USA
0900 Australia, Ecuador, Great Britain, India, Japan, S. Korea, New Zealand, Philippines
1000 Chile(1030), Ecuador, Great Britain, India, Japan, N. Korea, New Zealand, Philippines, Singapore, Vietnam
1100 Australia(1115), Bangladesh(1120), Canada, Great Britain, Haiti, Japan, S. Korea, Neth. Antilles, New Zealand, Pakistan, Philippines, Singapore
1200 Australia, Bangladesh(1230), Canada, Chile(1220), China(PR), Ecuador(1215), France, Great Britain, Haiti, Japan, N. Korea, Neth. Antilles, Philippines, Singapore, Sri Lanka, Uzbek SSR
1300 Canada, Ecuador, Egypt(1315), Ethiopia(1315), Great Britain, Haiti, India(1330) Japan, N. Korea, Neth. Antilles, Pakistan, Philippines, Rumania, Singapore Sri Lanka, Switzerland(1315), N.Vietnam
1400 Canada, Ecuador, Egypt, Finland, Ghana, Great Britain, Haiti, India, Japan, S.Korea(1430), Malagasy Rep., Neth. Antilles, Singapore, Sri Lanka, Sweden, Uzbek SSR.
1500 Canada, Ecuador, Ghana, Gt.Britain, Pakistan, Philippines, Sarawak, Seychelles, Singapore, Sri Lanka

CONTINUED ON NEXT PAGE

- 1600 Canada, Ecuador, Finland, Great Britain, Japan, Nigeria, Philippines, Seychelles, (Singapore, Sri Lanka, South Africa,
- 1700 Canada, Ecuador(1730), Egypt(1730), Great Britain, India, Japan, Kuwait, New Zealand, Pakistan(1745), Philippines(1745), Seychelles(1745), Sri Lanka, USA(1745),
- 1800 Bangladesh(1815), Canada, Egypt, Ethiopia(1810), Finland, Great Britain, India, Japan, Kuwait, New Zealand, Nigeria, USA, North Vietnam
- 1900 Bangladesh, Canada, China(Taiwan), Ecuador, Ethiopia(1945), India, Iraq(1930), Japan, S. Korea, Kuwait, New Zealand, Nigeria, Tahiti, USA
- 2000 Canada, Cuba(2050), Ecuador, Egypt(2030), Ethiopia, Finland(2030), E. Germany, Ghana, Great Britain, India, Iran, Iraq, Israel, Japan, Liberia, Malagasy Rep., New Zealand, USA
- 2100 Brazil, Canada, Cuba, Egypt(2145), Great Britain, India, Japan, Malagasy, Netherlands(2130), New Zealand, South Africa, USA
- 2200 Belgium(2255), Brazil, Canada, Chile (2210), Egypt, Great Britain, India, Japan, Lithuanian SSR(2230), Netherlands, New Zealand, South Africa(2230), Turkey, USA
- 2300 Argentina, Belgium, Canada, Great Britain, India, Japan, New Zealand, South Africa, Turkey, USSR

Odds & ends from HDQ

Keith Russel, 1603 S. Cottage Grove, Urbana, Ill. 61801, would like to obtain a copy of the foreign language samples broadcast by RGI. The tape he had made was accidentally erased.

FOR SALE Sanserino MW loop w/ amp, \$30 ppd.
Heath Crystal calibrator(100 KHz) \$15 ppd.
Gilfer pre-amp(low fcy model) \$50 ppd.
SPR4 w/14 extra crystals(continuous tuning 200 KHz to 9 MHz, plus regular SW bands), with built in calibrator, \$550 ppd.
Write Andy Kerr; 419 NW 26th / 1; Corvallis, Oregon, 97330

DX CONGRESS RTW Belge is helping organize a DX Congress in Brussels, March 21-24, 1975. For full details, write:

WAGONS-LITS//COOK
Special Traffic & Congress Dept.
Place de Brouckere, 17
1000 BRUXELLES
Belgium

Write soon if you are interested in attending, as registration must be completed by February 10, 1975.

SPEEDX notes that they still have copies of the World Utility DX Handbook available. Price is US\$7.95 shipped surface mail world wide. Write SPEEDX, P.O. BOX E, ELSINORE, CA 92330

BOLIVIAN SURVEY The survey done by Tony Jones is still available from NASWA, Box 8452, S.Charleston, WV 25303 USA, for \$1.50 US. Following are some additions to the survey. We will have to do a lot of abbreviating to get it all in....

4495 R.Cumbre, 2 nites during Oct, seems to be extremely irregular

*4576 R. Mamoré, Guayaramerín, daily since 10/25, anncg 4600 k/cs, call CP-147.

4700 R.San Miguel, s/off times now regular, 0300 weekdays, 0200 Sundays(Mon am)

*4785 CP-152, R.Ballivián(San Borja, Beni), first noted on SW 10/19. Asks for rpts so seems SW tx only recently put into operation. S/on unknown, s/off is 0200 daily. Normal ID as "Radioemisoras Ballivián", but anncs R. Cultura Ballivián at s/off. IDs vary. Limited commercial sponsorship, only two regular spots, for "Alumac" and a local transport company.

4845 R. Fides, correction to s/off anmt, should read: "Amables oyentes, aquí se concluye nuestra emisión..."

4853 R.Centenario, noted irreg from 10/21 (1st time in 5 months) weekdays from 100, Su from 1100. Spots include 'La federación de cañeros campesinos y productores agrícolas del departamento de Santa Cruz', restorán 'Las Palmeras', instituto 'I.S.A.', 'Banco de Santa Cruz de la Sierra', 'lotería nacional' and 'Banco Agrícola de Bolivia'.

5995 R.Loyola, Sunday s/on 1200, 1st 1/2 hr transmission is in Quechua.

6373-75 R.Sumajorco(Potosí), weekday s/on time of 1000 is now fairly regular, tho not on till abt 1130 Sunday. Often programs in Aymará a few minutes after s/on, tho these sometimes interspersed w/anmts in Spanish.

THE ABOVE ought to give those who didn't get the complete survey earlier just what they have been missing. We still have plenty of copies, and you can get one for US \$1.50. Order now!

(The above data is dated Nov 1, 1974, and was accidentally omitted from the December FRENDX. We again thank Tony Jones for these reports from South America.)

MAIL-A-PROP

MAIL-A-PROP

MAIL-A-PROP is a weekly publication giving propagation forecasts prepared by W3ASK, George Jacobs. These forecasts are designed for the amateur, but, of course, are of no less value to the SWEC DXer than to the amateur. The data in this 2 page weekly forecast is detailed, and extensive. It is the most useful propagation data available to SWEC DXers of which we are aware. Write for details to: MAIL-A-PROP, P.O. BOX 86, NORTHPORT, NY 11768. Send a SASE for details, and tell them NASWA sent you.



LOG REPORT

SECTION - A

EDITOR: ROBERT J. HILL, JR., 2923 FLORENCE ST., #304, BERKELEY, CA 94705

(Frequencies: 1605-6200 kHz)

DEADLINE: 15th of MONTH

Section A reporters, take a bow -- you really outdid yourselves this month! Lots of good loggings . . . a quantum-jump improvement in following the format we requested . . . an outstanding response to the two casual questions at the end of last month's column . . . but what are you going to do for an encore? More of the same, please!

- 2303V N. KOREA. Hyesan. 1344 M in KK, chorus till 1348, W, more mx; // 2850 (Sztot).
2340 CHINA. Foochow, Fukien. 1310 CC (Shaw). (Ed, this is not PLA. BH).
2360 GUATEMALA. R. Maya de Barillas. 0140-0204 SS and Indian lang, mx; F (Lineback). (T) 0300 ending mx, SS invitation to tune in tomorrow, 0303* ID seemed "R. Barillas." I have tape if anyone wants to try for positive ID (Lovett). 1130-45 Indian lang by M, seemed relig; F, deep QSB (Robins). 1135 lite mx, SS, "R. Maya" ID; // 3325 (Jones).
2370 (T) JAVA. RRI, Surabaya. Around 1300, Indo talk, nice Oriental mx (Shaw). back
2390 GUATEMALA. LV de Atitlán. 0020 SS (A. Smith). 0145 drama, ID, mx; ute QRM (Line-
2390 (T) MEXICO. R. Huayacocotla. 1138 SS, Mex mx; mucho QRM. 1st stn logged on 120M by me (Price).
2410 PAPUA NEW GUINEA. R. Goroka. 1220 Pidgin, old pops, some drums; seemed 1300* (Shaw).
2428 NEW IRELAND. RNI. 1045 traces of modulation, right on freq (Shaw).
2430 CHINA. PLA. 1307 CC; F (Hauser).
2440H COLOMBIA. R. Cordobesa. 2 X 1220 hrd 0359*, *1100, various other times (Hauser).
2440 JAVA. RRI, Surakarta. 1240 EE-type pops; P (Henderson 11/23). 1400 (Shaw).
2440 VENEZUELA. R. Girardot. 1053 IA mx, many SS mentions of Navidad, 1104 nx. My 14th country logged in the 120MB (Sztot).
2450 JAVA. RRI, Jakarta. 1339 drama, mx, sounds of battle, etc.; 1400 pips, RRI ID, nx (Williams 11/8). 1400 "warta berita" (nx) (Shaw).
(T) PAPUA NEW GUINEA. R. N. Dist. 1105 mx, heavier QSB than Latins (Hauser 12/9).
2468 JAVA. RRI, Purwokerto. 1250 orch mx, improving by 1315 R/C (Shaw).
2470 CHINA. Hangchow, Chekiang. 1243 nice CC mx; P. ID assumed (Henderson 11/23).
2476 U.S.A. WWV. Since 11/22, gives additional propagation info at 14 minutes past the hour: K-index, 2800-MHz solar-flux index, trends for both (Hauser).
2500 S. KOREA. Taegu. 1235 KK discussion by two or more M; strong (Shaw). 1240 KK talk; F (Henderson 11/23).
2608V N. KOREA. Wonsan. 0910 native lang; P (Treibel 10/29).
2776 N. KOREA. Hamhung. 0850 native lang; P (Treibel 10/29).
2850 N. KOREA. Pyongyang. 1320 talk; quite strong (Hauser 12/1).
2920 JAVA. RPDK, Klaten, Jawa Tengah. Hrd 1200-1500 (Tyson).
3016 N. KOREA. Pyongyang. 1317 G (Hauser 12/1).
3025 JAVA. RPDK, Kendal, Jawa Tengah. 1200-1300; nx from Jakarta at 1300 (Tyson).
3205 (T) INDIA. AIR, Lucknow. 0112 SC instr and vocal mx, W ancr (too wk to ascertain lang); India-type QSB. Likely coming in LP (Hill 12/14).
3213 (T) SULAWESI. RRI, Ujung Pandang. 1505 Indo nx, 1515 tent ID; severe ute QRM. This one listed here in ARDXC Indo survey (Williams).
(T) DOMINICAN REP. Vd Libertad. 0315 SS ancts, ads, LA mx; P (Lineback).
3225 VENEZUELA. R. Occidente. 0015-0120 kids' chorals, Xmas ads (Perdue, Robins). *1030 w/ many ID's (no name at end of item). 2258 ID (Wootten).
3227 LIBERIA. ELWA. 0610 mx IS, vernac; F (Sparks 12/8). 2210 vernac chorals, 2218* after ID and NA; P (Mayer 12/1).
3230 TAIWAN. BCC. 1330 ID in CC by W; strong (Shaw).
3235 INDIA. AIR, Gauhati. 1529 lang, 1530 pips, EE nx by W; barely QRM (Williams 11/10).
3240 (T) ECUADOR. R. Turismo. 0005-45 SS, Ecuadorean mx, fading in & out (Perdue). 0304 same stuff; P (McCoy).
3250 S. AFRICA. SABC. 0200-0300 EE ads, nx, mx (Brunner, O'Shea, Tobin).
3255 INDIA. AIR, Delhi. 1427 OC, 1428 AIR IS, 1430 ID and into EE nx; P (Hill 11/20).
3255 VENEZUELA. Lvd El Tigre. 1002-10 M&W nx interspersed w/ LA mx. Hi pwr? (Earhart).
3260 CHINA. Kweichow, Kweiyang. 1313 W in CC finishing nx BC (Sztot).
3260 ECUADOR. Vd Rio Carrizal. (T) 0032 SS, Ec mx (Wootten). 0400* closing ancts, ID, anthem; F (Perdue).
3265 (T) MOZAMBIQUE. RCM. 0304 U.S. pops, EE, TC's; F (Hardester). (Williams).
3270 CHINA. R. Peking. 1520 EE nx (Hill, Williams). *1601 EE. 1st time hrd this freq

The Old Misanthrope returns with a grouchy message: too many items on this page contain no program details at all, hence are of little value. In future, such will be deep-sixed!

- 3270 ECUADOR. Rdif Cosmopolita. 1107 ancts, lite mx; OK then but wk by 1115 (Szot).
- 3275 PAPUA NEW GUINEA. R. S. Highlands. 1110-20 Pidgin, mention of ABC, PNG, Mendi; ID 1119+; F (Williams 11/15). 1221* after EE anct, GSTQ (Henderson 11/20).
- 3275 VENEZUELA. R. Mara. 0330 nice instr mx, 0400* after ID, NA (Lineback). 0507-30 mx, ID's, ads for Black & White whiskey; G (Gaffin).
- 3275 UNID. 0433 live SS BC of a fiesta, occasional drum & chimes, EST TC's; CW QRM; P (Hardester). (Mike, meet Mara. BH).
- 3280 ECUADOR. Lvd Napo. 0000-25 SS by M&W, mx interludes, ID's (Perdue). 0240 concert mx and pops, ID; F/O by 0300 (Sparks).
- 3286 PHILIPPINES. PBS. 1130 nonstop rock mx, 1200 ID, nx; F (Buxton 11/12).
- 3290 CHINA. R. Peking. 1243 CC; F. Blocks any chance for PNG at this time (Szot).
- 3290 GUYANA. GBS Action R. 0817-27 relig talk, Hindu mx (M. Smith). (Language? BH).
- 3295 VENEZUELA. R. Trujillo. 1008-16 ballads, frequent ID's (no name, Earhart).
- 3295 UNID. 0605 SS, instr mx, EE version of "White Xmas," 0624 unreadable ID, 0630 F/O (Hardester 12/9). (Trujillo is all I have listed here, Mike. BH).
- 3300 GUATEMALA. R. Cultural. 0140 EL/Xmas mx, occ SS ancts; F-G, some RTTY (Robins). 1139-1205 SS, relig pgm, Xmas mx (McCarthy 12/3).
- 3307 RHODESIA. RBC. 0340 vernac, mx, 0400 EE nx; F. Exact freq 3307.3 (Behr 12/5).
- 3315 BRAZIL. R. Gazeta. 0030-45 PP, lively IA mx, many ID's (Tuchscherer 12/2).
- 3316 SIERRA LEONE. Freetown. 0635 EE ad, vernac to 0645 T/O; het QRM (Earhart 11/25).
- 3322 BOUGAINVILLE I. RB. 1140-55 EE & native, U.S. pops (they love the Beach Boys down there), Islands-type chorals; P (Perdue 12/8).
- 3325 ECUADOR. Ondas Quevedefas. 0430-55 SS, Ec & IA mx, occ ID's (Perdue). 0656 (Weaver).
- 3325 GUATEMALA. R. Maya de Barillas. 1136 SS ID // 2360; F (Jones).
- 3325 JAVA (?) UNID RRI. From 1400 till OC off 1423* after Love Ambon, similar to RRI Sorong s/off. Only Indo listed this freq is Jember, sked 1600*. Any help? (Henderson).
- 3325 VENEZUELA. R. Monagas. 0945-1035 SS, mx, ads; E (Powers), P (Hardester).
- 3335 PAPUA NEW GUINEA. R. Wewak. 0705 lang, mx w/ drums, W, 0718 songs, vernac (Earhart).
- 3339 ZANZIBAR. RTZ. To 0315 w/ Koran, then Swahili, mentions of Zanzibar; F (Robins).
- 3344 HAITI. 4VSO. 0055, quite strong (Objio 3345). 0955 in Creole; G (no name 3340). 1017 hymns, 1022 SS, 1026 another hymn; F (Earhart 3344,6).
- 3345 PHILIPPINES. FEBC. 1000-15 relig pgm in Tagalog; F (Buxton). 1416 EE relig pgm, 1429 ID for MW DZAS/680 (Williams). EE relig to 1500*; bad ute QRM (Henderson 3346).
- 3345 UNID. 1120-40+ lang, chorals, relig pgm; P on 1129. Also 2350 lang, 0000 EE and EE lessons; relig pgm 0010. 1st notes of "How Great Thou Art" seemed IS (Perdue 11/28). (Likely both 4VSO, Neal, although theoretically either or both could be FEBC. BH).
- 3350 GHANA. Ejura. *0600-05 EE, mx; G (Lineback). 2140-2255 EE & vernac, nx 2245 (A. Smith, M. Smith, Wootten).
- 3360 PAPUA NEW GUINEA. R. Milne Bay. 1205 lang, 1209 ID, instr/xylophone mx, chimes, abrupt s/off 1226:30*; F, CW QRM (Hardester 12/8).
- 3363M (T) GUATEMALA. Lvd Nahuallá. 0225 "Noticias de Guatemala." polka mx, M&W vocals, EST-1 TC's, 0301 unclear ID; P, CW QRM (Hardester).
- 3366 GHANA. Accra. (T) 2215 EE, U.S. standards, FF chorals, 2230 TC for "10:30," then relig pgm; G (Perdue). 2258 EE (M. Smith).
- 3380 ECUADOR. R. Iris. 0410-30 SS, LA mx w/ couple U.S. "moldy oldies," ads, Xmas mx used as bridges; G (Gaffin, Robins).
- 3380 GUATEMALA. R. Chortis. 0130 SS, IA mx, ID's, 0203* after NA (Robins, Hardester). 0250 SS mx, 0253 ID and TC (McCoy 12/8).
- 3380 UNID. After 0203* of R. Chortis w/ seeming African dialect, chants, 0221 ID(?) as "Radio Coo-tahn"; lost to CW by 0225; P (Hardester 11/29). (Malawi on early? BH).
- 3381 MALAWI. Blantyre. 0645-54 FO, no QRK, under RTTY 90% of time. Letter from them says *0353 (Earhart 11/25). (And TBS Updater #1 says *0257. BH).
- 3385 FR. GUIANA. Cayenne. 0010 var mx, FF ancts, ID's by M&W; 0143-45 orch anthem, then guitar IS to 0145*; G (Cress, Tuchscherer). *0920 w/ LM, W in FF gave freqs, 0930 pips and seeming relay (or delayed BC) of ORTF, Paris; G (Robins).
- 3385 LESSER SUNDA IS. RRI, Kupang, Nusa Tenggara Timur. 1445 pops, 1500 ID and warta berita from Jakarta; F, better than usual; only 3rd time hrd (Henderson 11/20).
- 3385 NEW BRITAIN I. R. Rabaul. 0806 EE pgm // 4890 (Pt. Moresby); F, QRN (Odlin).
- 3385 VENEZUELA. R. Barcelona. 0405* after full SS ID, NA same as YVOJ/3395 (Robins).
- 3390 ECUADOR. R. Zaracay. 0317-40 (Gaffin). 0507 soccer (Salmaniw). 0642-0713 w/ lone ID 0709 (Hardester). 1025-50 (Perdue).
- 3395 VENEZUELA. R. Universidad. 0120-45 (Gaffin). 0345-0400* after full ID & MW/SW fqs and NA (Robins). 1028-35 (Earhart). *1105 NA, ID, nx (Jones).
- 3396 NIGERIA. NBC, Kaduna. (T) 0545 lang, Af mx, past 0600; VP (Wallace). (T) 0607-13 EE, nx about Af, EE pops (Lineback). 2139 lang, Af mx (Miller). 2230 nx (A. Smith).
- 3400 (T) CHINA. PIA. 1145 conversation between 2 people, couldn't tell lang (Earhart).
- 3425 NEPAL. Kathmandu. 0022 lang, weird mx as around 1300 (Szot). 1150 to FO around 1545, SC mx, M&W in lang, 1250 nx (Tuchscherer, Szot, Perdue, Lineback (T), Mayer, Sparks).
- 3433 JAVA. RPDK, Kediri. 1455 lite mx; P (Henderson 11/20). (Dan, you're getting your Kendaris and Kediri kinda confused. BH).
- 3450 CHINA. R. Peking. 1228 Communist anthem; strong (Szot). (T) 1245 opera, 1300 W in lang, then mx resumed (Tuchscherer).
- 3450 UNID. 1115 CC; strong. Any ideas? (Treibel). (Yes. BH).
- 3484 LESSER SUNDA IS. RPKD, Madura. 1445 Indo mx; P on 11/20. Better 11/27 past 1600 w/ Hindu pgm (Henderson).

- 3500 CHINA. R. Peking. 1233 in seeming CC; faint, QRM. Freq usually blkd by RITY (Sztot).
- 3535 CHINA. PLA. 1332 relaying R. Peking to Taiwan, song by W sounding like chipmunk ("").
- 3540V UNID. Latin around 1000-30 most days, typical IA format; P-F (Ross).
- 3551 UNID. 1155 RR, mx, 1200 six pips, W "Govorit ..." and into nx (Sztot 12/7). 1255 W in RR, lite mx, 1300 pips, ID; ute QRM, P (Snyder 3550 12/7).
- 3578 JAVA. RPKD, Situbondo. Lite pops to 1400 ID, RRI nx; F (Henderson 11/20).
- 3640 CHINA. PLA. 1048 W in CC, instr mx; G, best of PLA freqs (Ross). 1215 CC ID by W, then M, then talk mentioning Taiwan (Sztot). Unlisted CC stn, CC mx and talk, 1300 strong enough to be a Peking outlet (Sparks). (PLA here since 10/1, Bill. BH).
- 3668 TIMOR. Dili. 1210 SS clas orch mx, M ID 1230; G, CW QRM (Buxton). (Language? BH).
- 3905 (T) KALIMANTAN. RRI, Palangka Raya, thought to be stn hrd here sev days after Jayapura 1400*. EE pops, 1459 RRI IS, 1500 Jakarta nx; F on 11/25 (Henderson).
- 3910 JAPAN. FEN. 0813 EE, rock mx; VG some nights (Odlin). Same 1120-30 (Buxton).
- 3915 MALAYSIA. BBC Tebrau. 1125 IS, *1130 W in lang; under hams (Lineback). 1455-1515 "Radio Newsreel" (Nebron).
- 3918 S. KOREA. Seoul. 0857 lang, 0900 TT, nx; P (Bowsby). UnID 0910, M&W in seeming KK, perhaps a play; suspect Seoul (Hardester). 0935 KK, 0959 "HLKA" by W, TC, pips, nx (Odlin). 1020 in native; P (Treibel).
- 3925 JAPAN. NSB. Cf Dec. LR-A. Answer to query: maybe so, but on 11/6 -- no! (Odlin).
- 3925 PAPUA NEW GUINEA. Pt. Moresby. 1120-30 EE, ID, pops; F (Lineback).
- 3940 (T) CHINA. Wuhan (listed). 1130-35 CC under hams; P (Lineback).
- 3945 NEM HEBRIDES. Pt. Vila. 0850 FF discussion by two M, some soft mx; F, slight ham QRM. Thought my dipoles would fossilize before I logged this one (Robins 12/11). 0909 M in FF; wk; beeping ute QRM ("beeping" not a deleted expletive but the sound it was making) (Bowsby 11/21).
- 3950 CHINA. Sining, Tsinghai. 1206 CC ID by W under hams and ute sending "K" (Sztot).
- 3960 CHINA. R. Peking. 1211 W in JJ under 2 CW stns; P (Sztot).
- 3970 CAMEROON. R. Buea. 2130-45 Af mx, 2145 EE nx, 2200* ID and NA; P (Mayer 11/28).
- 3985 (T) CHINA. R. Peking (per TBS). 1420-25 CC(?) mx; F (Nebron).
- 3985 ECUADOR. Esc. R'fonicas. 1009-25 Andean instrs, SS ID's, ancts; VG (Ross). 1100 SS; E (Treibel 11/21).
- 3985 SWITZERLAND. SBC. 0656 EE, Swiss mx, 0700 ID Australasia svc; G (McCoy). 2200 M&W in Italian; P (Mayer 11/30).
- 3987 W. IRIAN. RRI, Biak. Definite ID before Jakarta nx relay, 1319 into local mx; F (Henderson 11/20). (Nx relay at 1300? BH).
- 3990 TAIWAN. AFNT. 1110-15 EE, Tom Campbell show; G (Buxton). (And here I thought only those of us in the S.F. Bay Area had to endure Tom Campbell! BH). 1445 C&W (Shaw).
- 3995 ASIATIC RSFSR. Vladivostok(?) 1230 Mayak pgm, 1300 RR ID, IS; F (Mayer).
- 4000 SULAWESI. RRI, Kendari. 1145 nice listeners' request pgm, 1159 textbook ID, 1200 warta berita from Jakarta; G (Henderson). 1310 Indo; ham QRM; 1317 fading (Tuch'er).
- 4066 W. IRIAN. RRI, Merauke. 1145-1200 lite pops; F on 11/20. Heard only occasionally; not as strong as other W. Irian stns, usually. Exact freq 4065.7 (Henderson).
- 4068 CHINA. Huhehot, Inner Mongolia. (L) 0925 CC vocals; wk (Bowsby). 1237 lang, mx on a stringed instr, a flute, a piano and what sounded like a kazoo (Sztot). (T) 1321-26 Mongolian, W yodeling; F (Synder 4067½).
- 4114½ CLANDESTINE. VRPR. 1239 M either singing or calling the cows back from pasture; G (Sztot at Hill's).
- 4163M (T) CHINA. R. Peking. 1310-20 JJ; F, ute QRM. TBS lists 4160, FS to Japan (Snyder).
- 4250 CHINA. R. Peking. 1240 W in CC chnry (Sztot).
- 4273 N. KOREA. Kanggye. 1246 KK soap-opera-type pgm. Exact freq 4273.2 (Sztot at Hill's).
- 4330 CHINA. PLA. 1030 in CC; G (Treibel).
- 4395 ASIATIC RSFSR. Yakutsk. 1400-1430* H51A; usually wk, ute QRM (B. Davis).
- 4450V UNID. Bolivia(?) Stn here 11/11, 0215 Xmas mx, SS ancts, distorted speech; drifting upward; P. Could be one of the pair listed for 4465 (Robins).
- 4460 CHINA. R. Peking. 1625 H51, quiet CC singing (J. Davis).
- 4485 ASIATIC RSFSR. Petropavlovsk-Kamchatskij. 1139 clas mx, M after every 4-5 songs, 1150 jazz, 1200 six pips, "Govorit Moskva" by W, into mx by M&W (Sztot). Unknown site 0554 Irish instr mx, M&W ancts, 0600:30 Moscow ID, then nx; F (Hardester). (Ufa also listed here but Petropavlovsk more likely. BH).
- 4520 ASIATIC RSFSR. Palana, Kamchatka. Almost nightly; sked as hrd: *0500-0600* (M-Tu-Th), *0700-0800* on W-F-Sa-Su (B. Davis). (Good sleuthing, Bill, as usual. BH).
- 4620 CHINA. R. Peking. 1200 IS, 1201 M&W ID in KK, Int'male, KK nx (Sztot).
- 4635 TADZHIK SSR. Dushanbē. 2305-28 M in seeming RR, piano-concerto excerpt; wiped by ute at 2328; P (Ross 11/24).
- 4650 UNID. 1240-55 M, sing-song mx; P. Only thing listed is Indo in TBS (Mayer 12/4).
- 4675 CLANDESTINE. VNUFK. 1131 W after 15 min of uninterrupted mx (Sztot). (Language? BH).
- 4700 N. KOREA. Wx and Maritime BC Stn. *1500 march, 1504:30 W in KK (Sztot).
- 4719 (T) SULAWESI. RRI, Ujung Pandang. 1239 M in Indo nonstop till 1400 FO (Miller).
- 4740 INDONESIA. UnID Indo 1536-1601 on 11/23, either new or 2 X 2370 (Williams). (Dave, how did you establish that this was an Indo? BH).
- 4740 (T) MALDIVES. 1515-1540 FO, M talking; too wk to ascertain lang; ute QRM. Not there at 1450 ck (Snyder 11/24). (Interesting freq these days. BH).
- 4750 BANGLADESH. Dacca. UnID 1215-40 lang, Asian mx (Tuchscherer). UnID Asian 1225, SC-type mx; G on G Asian days (Ross). (T) 1220-32 lang, SC mx, W vocals; G (Lineback). (T) 1444 SC mx, M in lang; 1500 three gongs, ancts, off suddenly (Williams).
- 4760 CHINA. Kunming, Yunnan. 1314 W in CC // 4785, which is under RITY and SSB (Sztot).

- 4764 (T) SUMATRA. RRI, Medan. 1232 W in lang; P, QRM from ute (Lineback 11/7).
- 4765 ECUADOR. C.R.E. 0352 SS nx, ancts, NA 0401* (Weaver).
- 4767 COLOMBIA. R. Gatatumbo. 0236-45 CARACOL ID's, lite LA mx, sev ID's (Price 11/25).
- 4770 CHINA. R. Peking. 1554 CC, CC mx, 1600 Peking ID. Usually Pyongyang here (Sztot 11/28). (N. Viet Nam regional also here earlier. BH).
- 4770 ECUADOR. R. Cénit. 0350 SS, Portoviejo mentioned often; F (McCoy).
- 4770 LIBERIA. ELWA. *0555 IS, EE ID, feature sked, 0600 BBC nx, G (Wootten). 0605 EE; P (Wicks), 0710-15 W. Af nx, lite pgmning; F (Powers). 2135 EE, relig pgm QRK for a change; F (Lineback 11/23). 2350 relig mx (Sztot & Hill).
- 4770 VENEZUELA. R. Bolívar. 0130 SS, mx, ads; F (Pyatt). 0320 ID; G (Wallace).
- 4775 COLOMBIA. Lvd Maria. 0300-0400, latter part Catholic relig svc (Field 12/3). (This one also known as Emisoras Kennedy. BH).
- 4777 GABON. Libreville. 0443-0602 FF by M&W, native mx, 0601 ID (Earhart, Hardester, Salmaniw, Sparks). 2056 FF, vernac, native mx, 2159 ID in both langs, 2215 FF nx, 2315 same, NA 0000-0003* but OC stayed on till *0427 (Ross, Cress, Schwartz, Sztot & Hill, Nebron, Weaver).
- 4780 AFARS & ISSAS. Djibouti. 1508 AA nx (Tyson). (Sigh . . . BH).
- 4780 ASIATIC RSFSR. QTH unknown. 1240 orch mx, RR songs, 1300 pips, RR; VG (Tuchscherer 12/4). (Only Petrozavodsk listed here, John. It's around midday there at that hour, but strange things can happen in midwinter with signals emanating from near the North Pole. A definite possibility. BH).
- 4780 ECUADOR. R. Atahualpa. 0237 SS, rock & LA mx, ads; P (Jones).
- 4780 HONDURAS. R. Juticalpa. 0033 message of a sick person to somebody else. Hrd for 1st time -- perhaps new on the air? (Objfo 11/25). (César, I believe this one has been on for quite a while, although I'm not as up on LA's as I should be. BH). 0100 mx, many ads, one ID; no Venezuela (Field 12/4). 1200-05 ID, ads, mx; E (Lineback).
- 4780 MALI. Bamako. 0630 FF, local mx; P-F (Wicks). 2105-35 FF // 5995 (M. Smith).
- 4785 UNID. 2120 hi-life mx, 2130 no anct; P (Wallace). (Tanzania on late? Mali? BH).
- 4788 TURKS I. VS18. 2210-2359*, EE, U.S. pops, TC's, sev ID's (Lineback, Wallace, Mayer, Perdue, A. Smith, Salmaniw, McCarthy UNID).
- 4790½ ECUADOR. Em. Atalaya. 0530 pop Ec songs, ID (Sparks 4790). 0536 ballads, 0558* after NA and ID 0555 (Earhart).
- 4790½ PERU. R. Atlántida. 0455 mx, 0458 clear loud ID, then song; F (Earhart).
- 4795 ASIATIC RSFSR. Ulan-Ude. Occasionally hrd 0700 FI to 1600 FO; wk. 0705 local ID loud & clear on 11/25 (B. Davis).
- 4795 ECUADOR. Lvd Los Caras. 0329 mx, ads, ID w/ freqs, pwr; G (McCoy). 0420 fiesta mx before live audience, 0515* after final ID (Sparks). (Congrats new R390A, Bill! BH).
- 4795 MAURITIUS(?) 1437 FF talks, ancts, local singing. ID per NZDXL info (Tyson).
- 4800 ECUADOR. R. Pop. Ind. 0522-0710 SS, LA vocals, ID (Wootten, Weaver, Willis -- wow!)
- 4800 VENEZUELA. R. Lara. 0130 nx, talk show (Odlin). 0358* (Earhart). 2314 (no name).
- 4805 BRAZIL. R. Por um Mundo Melhor. 2215-32 PP, ID; later in mix (Tuchscherer).
- 4807 DOMINICAN REP. R. Norte. 0030-0930 ancg 24-hour op (Todo L. Mundo -- 14 reporters).
- 4810 S. AFRICA. SABC. 0300 EE & Afkns, pops, ads, TC's (Jones). 0345 (Magne). 0410 (Tobin). 2115 (Powers). 2140 (Lovett). 2145-2200* (Tuchscherer).
- 4810 VENEZUELA. R. Popular. 0110 mx, ads, ID's, QTH; SABC QRM some nights (Odlin).
- 4815 PERU. R. Samarén. 0419 mx, SS oration, ID & mention of Iquitos, s/off 0503-07V w/ NA (Wallace, McCoy, Field).
- 4815 UPPER VOLTA. Ouagadougou. *0554 IS, vernac, FF, local mx, past 0638 (Ross, Snyder, Wicks, Tuchscherer, no name). *0700 on a Sunday (Sparks, Miller). 2143-2301* (Lineback, Wallace, Weaver).
- 4820 ANGOLA. Em. Oficial. *0500-17 PP, ID; // 7245; P (Snyder 12/4).
- 4820 (THE) GAMBIA. Banjul. 0713 EE nx, ID; P (Wicks).
- 4820 HONDURAS. HRVC. 0400-28 EE, nx, relig (Tobin, Jones, Salmaniw).
- 4820 VENEZUELA. R. Cristal. 0454 ads, mx, 0500 ID; no other stn on freq (Field). (Hmmm, I thought R. Tricolor was here? BH).
- 4825 ASIATIC RSFSR. QTH unknown. CC svc 0655 FI to 1500 FO. Yakutsk HS xmtr hrd under them (B. Davis). (Bill, TBS lists Vladivostok for CC svc this freq. BH).
- 4825 DOMINICAN REP. Lvd1 Fuerzas Armadas. 0230 SS, instr mx, 0300* (Pyatt 11/29). Usually instr mx around 0330, 0356* (no name 11/25).
- 4825 USSR. QTH unknown. 2029 talk stopping, 2030 IS, then seeming RR nx; rapid QSB (Ross 12/1). (Most likely Kiev. BH).
- 4825 UNID. African. 2030 Af mx, 2100 Af nx; G. Tanzania seems impossible (Behr 11/29). (Why impossible, Ernie? They're sked to 2100* // 5985 per TBS. BH).
- 4832 COSTA RICA. R. Capital. 0428-0537 SS vocals, ID's, TC's (Hardester, Pyatt, Sal'iw).
- 4835 GUATEMALA. R. Tesulutlan. 0105 mx, frequent ID's, CS and freq given 0309* (Field, Lineback). 0500 basketball game, 0533* after full ID; other days 0230 mx to 0309*. Gone since early December (Behr, Mayer).
- 4835 SARAWAK. Kuching. (T) 1350 W in lang, lite mx; unusually good propagation (Tuchscherer 11/27). 1550-55 local chants; F (Nebron).
- 4835 S. AFRICA. 2115 lite mx, EE ID; G (Wallace). 2136 EE, pops, TC, ID (Lineback).
- 4839 PERU. R. Andahuaylas. 0420-45 Andean mx, ID's; wk (Tuchscherer 11/23).
- 4840 CHINA. PLA. 1147 CC instr mx, talks, etc.; lots of //s (Ross).
- 4840 VENEZUELA. R. Valera. 0243 LA mx (Weaver). 0310 ID, ads, talk (Perdue).
- 4845 COLOMBIA. R. Bucaramanga. 0300 ID's, LA mx (Perdue).
- 4845 (T) MALUKU. RRI, Ambon. 1355 Indo, guitar theme, 1400*; F (Lineback 12/7).
- 4845 MAURITANIA. Nouakchott. *0656 guitar IS, 0700 Af lang, then AA chants, AA/vernac

- ancts till 0800* (Snyder, Sparks, Willis). 2110-50 same (Wallace, Lineback, Robins).
- 4850 DOMINICAN REP. R. Clarin. 0400-32 LA mx, SS & EE ID (Tobin, Brunner). 2304 (Sztot).
- 4855 SUMATRA. 1225-45 Indo, lite mx, nx (Tuchscherer). (T) 1236 W in lang, instrumental mx; P (Lineback 11/7).
- 4860 ASIATIC RSPFR. Unknown QTH. Mayak HS 0715 FI to 1530 FO; wk (B. Davis). (Chita? BH).
- 4860 VENEZUELA. R. Maracaibo. 1048 LA mx, ID's (Odlin).
- 4865 AZORES. Ponta Delgada. 2149 PP, mx, DJ-type show (Miller). 2200 PP, nice mx, talk, chime, ID, FO; P (Lineback 12/7). (Some chance for WCNA logging now, I hope. BH).
- 4865 COLOMBIA. Lvd Cinaruco. 0506 CARACOL ID's, LA mx (Weaver). 0614 ID (Earhart).
- 4870 (T) DAHOMEY. Cotonou. 0604-15 FO, FF nx; P (Snyder 12/10).
- 4870 ECUADOR. R. Rio Amazonas. *1122 march, flute IS, ancts in Indian dialect (Perdue).
- 4870 VENEZUELA. R. Tropical. 0320 LA & pop mx, 0350 mx, 0401* NA (Tuchscherer).
- 4875 S. AFRICA. SABC. 2020 clas mx, 2100 W Afkns ID, 2117* after seeming NA; F (Cress).
- 4877 S. VIET NAM. Saigon. (T) 1305-35 W in lang, local mx; wk (Perdue 12/8). 1550 VV mx, 1602* NA; F (Nebron).
- 4880 CHINA. R. Peking. 1400 IS, 1401 M&W in Mongolian, 1402 Int, then nx (Sztot).
- 4880 VENEZUELA. R. Universo. 0104 ID including CS, QTH, MW freqs, address (Weaver). 0357 NA, 0400*; F (Jones).
- 4882 DOMINICAN REP. R. Comercial. 0305-25 SS pgm, U.S. mx, ID's; G (Powers).
- 4885 COLOMBIA. Ondas del Meta. 0433 LA vocals, ID's, 0449* NA (Weaver).
- 4886 BRAZIL. R. Pioneira de Teresina. 0835 accordion(?) mx, PP ancts, ads; F-G (Robins).
- 4890 HONDURAS. R. Lux. 0200* on Sun. after closing ancts, 3 ID's; separable from YVKB by using LSB (Perdue). 0336 ID w/ CS, "Musical Mañana" show; F, YVKB QRM (Mayer).
- 4890 PAPIA NEW GUINEA. Pt. Moresby. 1145-1310 EE pgms, 1300 ABC nx (Earhart, Schwartz, Cress, Sztot).
- 4890 SENEGAL. Dakar. 0610 chants; F (Wicks). 0720 FF, Af mx; G (Wallace). 0720-41 local lang, native mx; certainly not Bangladesh as reported elsewhere (Earhart).
- 4890 VENEZUELA. Rdif V. 0303-15 U.S. lite mx & pops, SS; F (Price).
- 4895 MOZAMBIQUE. RCM, Beira. 0400 Af mx & ancts past 0430; G. Exact freq 4895.2 (Behr).
- 4897 N. VIET NAM. Hanoi. 1244 W vocals, VV talk; P (Mayer 12/2).
- X 4900 BURUNDI. R. CORDAC. After 0400* of YVNB, seeming relig BC here; couldn't tell lang. Been trying for this one for a number of years (Field). ins.
- 4904 CHAD. N'djamena. 2015 FF by M&W, 2030-45 Af mx; P-F, no RTTY for once (Wicks, Rob-)
- 4905 (T) CHINA. R. Peking. H51 via LP 2230, CC by M&W, lost to noise by 2250 (Robins).
- X 4908 CAMBODIA. Phnom-Penh. 1518 lite mx, Khmer(?) (Sztot).
- 4911 ZAMBIA. Lusaka. 0355 vernac, nx, native mx; bad het on freq. Is poss unID in Nov. LR (M. Smith 4912). 0345 vernac talks, 0410 Af mx; VG (Behr 12/5).
- 4915 BRAZIL. R. Araraquara. 0115 LA mx, many PP ancts, 0130 ID, 0135 TO (Tuchscherer).
- 4915 GHANA. Tema. 0530 relig(?) pgm in vernac, 0600 nx in heavily-accented EE, 0615 sports nx (Cress, Wicks, Wootten). 2204 lang, 2304* ID & NA (Odlin, Sztot & Hill).
- 4920 AUSTRALIA. Brisbane. 0930-45 EE; P-F (Powers). 1351 local nx, 1401*; G (McGoy).
- 4920 HONDURAS. R. Progreso. 0124 ending arithmetic lesson from Cadena Suyapa, Accion Cultural Popular de Honduras; 0126 ID, "Dragnet" theme, ads; G (Hauser). 0301-16 SS, LA mx, ads for cerveza, etc.; G (Price). 0523 U.S. & LA vocals, ads, ID, TC (Sal'iw).
- 4920 UKRAINE SSR. Kiev. 2130 IS, into German, nx by W; F (Mayer 11/29). (T) 2137 GG by W, 2143 M took over, to 2200* w/ mx & talk; P. Differs from WRTH sked (Earhart).
- X 4923 MOZAMBIQUE. RCM, L.M. 0310 pops, EE ancts, "Happy Day R." ID (Behr, Snyder 4923M).
- 4924 (T) CHINA. Harbin, Manchuria. 1250 CC, 1300 pips, 1330 TO (Mayer, Perdue 4925).
- 4926 EQUATORIAL GUINEA. Bata. 0524-50 SS, Af mx, ID (Field, Sparks, Snyder, Lineback). 2120 Af mx, 2149*, no ancts (Cress). 2137 hi-life mx, 2143* NA; G (Ross).
- 4930 ARMENIAN SSR. Yerevan. 0357 instr mx, 0400 IS, ID, seeming RR nx; after nx, lang was different; F-G (Ross 11/25). (Perdue).
- 4930 ECUADOR. R. Casa de la Cultura. 0405 Ec mx, 0414 four gongs, ID, suddenly off
- 4930 VENEZUELA. Lvd FÉ. 0320 pops, ID (Sparks). 0404* NA; was on 3375 last yr (Tuch.).
- 4932 NIGERIA. Benin City. 2133 W in EE; F (Ross).
- 4940 ASIATIC RSPFR. Yakutsk. 1400 TI, 1700*, often G 1400-1530. Is HSIA, prob here for the winter (B. Davis).
- 4940 IVORY COAST. Abidjan. 2340 Af mx, drums, chants, FF ancts, 0000*; G-F (Price).
- 4940 VENEZUELA. R. Yaraucy. 0015-40 ID's, U.S. rock, LA pops (McCarthy).
- 4945 COLOMBIA. R. Colosal. 0500 SS, mx (Pyatt). 0525 mx, ID's; VG (Salmaniw).
- X 4950 SARAWAK. Kuching. 1215-30 EE ID by W, EE folk mx (Suxton). 1521 EE drama (Sztot).
- 4950 VENEZUELA. R. Coro. 0335 LA mx, ID's, 0400* NA; F (Odlin). Price).
- 4955 COLOMBIA. R. Nac. 0019 EE lessons (Powers). 0110 ID's (Odlin). 0253-0300 clas mx
- 4955 SUMATRA. RRI, Banda Aceh. 1524 W chanting; lotta QRM (Sztot).
- 4965 COLOMBIA. R. Santa Fé. 0309-20 mx, ID's (Nebron). 0525 ID, lively LA voc (Salmaniw).
- X 4970 CABINDA (ANGOLA). Swedish DX'er quoted on HCJB DX Party Line reports this as an experimental freq for R. Clube de Cabinda at 1900 (Hauser). (May become sep country). FR. GUIANA. Cayenne. 0938 W in FF, FF pop tunes; F (Ross 11/28).
- 4972 CAMEROON. Yaoundé. 0530 EE, mx, EE/FF ID's, poss nx 0555 (no name 12/2). 0535 choir mx, Sunday-A.M. svcs in EE; splatter from Rumbos (Sparks 4972½). 2155 FF, old U.S. R&B mx, W DJ, 2211 ID, 2212*; G (Perdue).
- 4975 CHINA. Foochow, Fukien. 1525 W in CC, very wrapped up in her topic (Sztot).
- 4980 GHANA. Ejura. 0607 EE; F (Wicks). 2145 ID, "Hour of Decision" (McCarthy). 2211-18 EE account of prize-fight; G (Lineback 11/9).
- 4990 NIGERIA. NBC, Sogunle. 0545 Af mx, vernac (Sparks). 0605 EE mx; F (Wicks). 0625-40 EE & vernac, ads (M. Smith).

- 4995 BRAZIL. R. Brasil Central. 0815 mx, PP, ID's; VG (no name). 2210 PP, mx; F (Wicks). 2225-2301 PP, frequent ID w/ mx from "The Entertainer" preceding each; F (McCarthy).
- 4995N NORTH VIET NAM. Since 12/10, new freq for Voice of Viet Nam // 7512. From as early as 1150 to as late as 1540 cks, M&W in VV, varied mx selections, pgmming often sounding like a commercial Top 40 stn (1). One ID noted 1459 (Hill). UnID 1250-1300 SC mx and M&W in lang; P, WWV splatter (Mayer 12/2,3). (Undoubtedly VoV. BH).
- 4995 (T) PERU. R. Andina. 0415 ballads, ads, no ID, 0440 TO; F (Earhart 11/13).
- 5000 HAWAII. WWVH. 0402-13 EE TC's; G (Patterson).
- 5005 (T) SULAWESI. RRI, Palu. 1145 M talks, mentioned Palu numerous times, poss ID 1200; quite strong but hard to keep track due to movement of ship (Buxton). (Maybe so, but more likely RMS, Sibul, Sarawak w/ hi pwr. Palu listed 5010 w/ 150 w. BH).
- 5005 (T) SARAWAK. RMS, Sibul. Koran chants to 1400, then Malay (?) w/ surprisingly much mention of Irian, Indonesia, Langapura; also mentioned Malaysia; strong (Shaw).
- 5010 CAMEROON. R. Garoua. (T) 0520 FF, native mx, 0525 FO; P (Snyder 12/4). 2050 AA and Af mx, FF ancts; G (Ross 11/15). (T) 2115-30 FF & vernac, Af mx; P (Schwartz 12/6).
- 5010 COLOMBIA. Em. Cult. Surcolombiana. 0400-0510 excerpts from JFK speeches, rock mx, often ID as "La Voz del Futuro"; address? (Zilmer, Patterson, Salmaniw, Weaver, Wootten).
- 5010 SINGAPORE. RS. 1531 in EE nx // 5052 (Szot).
- 5015 ASIATIC RSFSR. Vladivostok. 1153 RR, clas piano mx, chimes & time pips 1200, then nx; P, RTTY (Patterson). 1640 W excited talk in RR, into orch mx, vocals (J. Davis). 1805 RR, clas mx; F, some QRN (Szot).
- 5020 NIGER. Niamey. 0530 FF, Af vocals; 0602 flute, lang talk alternating to 0630* w/o fanfare; P, poor mod (Cress 11/8). (Patterson).
- 5030 COLOMBIA. Brisas del Citará. 0338 TC's, LA pop & Andean mx, ID 0404*; no Venezuela
- 5030 DOMINICAN REP. Lvd Papagayo. 0415-0535 ID's, lite LA & band mx (Price, McCarthy). 0800 SS lite mx; almost like winter reception (Willis 11/30). 1218 ID (Field).
- 5030 SARAWAK. RMS, Kuching. 1400 TI, 1500 EE nx for a couple A.M.'s but now back to Malay at that time; G most mornings (B. Davis).
- 5030 VENEZUELA. R. Continente. 0445 SS, mx, talks, ads (Tobin). hart).
- 5034½ (T) COLOMBIA. LV de Caquetá. 1046 mentions of Colombia, 1101 "extra, extra" (Ear-
- 5035 (T) KAZAKH SSR. Alma-Ata. 1250-55 RR; P (Mayer 12/4).
- 5038½ CENTRAL AF. REP. Bangui. 0504-23 FF, Af vocals, 2 ID's hrd; undermodulated and wk compared to Togo (Weaver 5038). 2118 FF, 2120 ID, vernac talk & vocals (Cress).
- 5039½ SUDAN. Omdurman. 0407 AA chants // 7200; F-G (Mayer 5039 11/23). 2145 AA talks and chants to 2200*; F (Behr 11/29).
- 5040 BURMA. Rangoon. 1150 M&W talks, Burmese mx, 1230 FO; F. My 154th country (Wootten).
- 5040 GEORGIAN SSR. Tbilisi. 0158 chime IS to 0200; P. Also 0240-0320 mx, M&W RR (Ross).
- 5040 GUINEA-BISSAU. Bissau. 0629 PP, Af mx w/ guitars & strings, chorals; P (Miller).
- 5040 PERU. R. Libertad de Junfn. 0630-0700 Peruvian mx, ID 0630 (Field 12/9). 0927 SS, Andean-style mx; F (Zilmer 11/23).
- 5045 UNID. 0640-0702 M&W in lang, M&W vocals in lang, piano & bass-guitar mx; poor w/ severe electrical noise. Cook? (Hardester 11/25).
- 5047 TOGO. Lomé. 0610-30 FF, ID, nx (Wicks, Schwartz). 0805*; wk (Field). 2045 vernac, native mx, FF talk, drums, ID, 2301* NA; G (M. Smith, Price, Schwarz, Odlin).
- 5050A U.S.A. National Public R., Portland, Oregon. 2200 EE on U.S.-Canada relations, mx, Democratic convention nx (Tobin 12/2,3). (Don't ask me, I only work here. BH).
- 5055½ BRAZIL. R. Vitória. 0912 PP nx (Szot at Hill's).
- 5060 YEMEN. Aden. 2127-40 AA, nx // 7190; F (Mayer 11/29).
- 5065 EUROPEAN RSFSR. Petrozavodsk, Karelo-Finnish ASSR. 1225-40 clas mx, RR; F (Mayer). (Couple nice ones there, Alan. BH).
- 5075 COLOMBIA. R. Sutatenza. 0200-30 SS, many ID's, LA & pops mx; VG (Brunner).
- 5090 CHINA. R. Peking. 1533 nx in lang under RTTY (Szot).
- 5115 UNID. 0120 CC or similar, W in excited incantations; first thought was CC ute, but 0130 mx, 0133*. Fits sked for Vo Burmese People (Szot 12/8). (That's a goodie, Kev, but they're listed 5110. How accurate is your freq quote? This was logged before you got your BC221 fregmeter. BH).
- 5170 (T) CHINA. PIA. 1036-45 W in CC; typical bouncing hollow sig of Asians (Earhart).
- 5290 ASIATIC RSFSR. Krasnoyarsk. 0113 RR, ever-present clas mx (Szot 12/8).
- 5295 CHINA. R. Peking. 1529 Mongolian by W, CC mx (Szot).
- 5545 CHINA. R. Peking. 0950 in Indo; P (Treibel). VG (Tuchscherer).
- 5804½ YEMEN AR. Sana'a. 0317 AA mx; P-F, het QRM (Salmaniw). 0328-45 chants, ID, AA mx;
- 5816 PERU. Lvd Altiplano. 0130 SS talk, ads, mx; wk, rarely hrd (Behr).
- 5850 CHINA. R. Peking. 1245 non-CC lang, 1256* (Tuchscherer 12/1).
- 5860 CHINA. R. Peking. 1152 W in CC; F-P (Ross) (Not PIA. BH). 1300 CC (Tuchscherer).
- 5873½ HONDURAS. LVdH. 0137 SS call-in request pgm, 0200 nx (Szot 5875). 0205-15 talk, ID (Price). 0335 M&W w/ remote rpt, 0345 ID; P (Snyder 5873). 1129 ballads, chatter; G (Earhart). 2240-2350 fast SS, ads, short rpts, clear ID; F (Fino 5875).
- 5900 ASIATIC RSFSR. QTH unk. 1230 HS, RR drama w/ M narrator, usual mx fare; F-G (Robins 11/19). 1345 KK, 1357 anthem, 1400 IS, 1401 CC; G (Hauser).
- 5900 ISRAEL. IBA. *2200-45* FF // 7395; G but sometimes RTTY 5903 (Hauser, Magne).
- 5915 EUROPEAN RSFSR. R. Moscow. 0004 EE nx by W; G w/ ute (Robins). 2300 EE nx (Zilmer). 2318 EE by W, Mailbag pgm (Szot & Hill).
- 5916 ECUADOR. HCJB. 0115 spurious // 5970. Many other spur freqs noted (Hauser 5916.7).
- 5925 CANADA. CBC. 0630 FF; P (Treibel). 2200 EE to Armed Forces // 11855 (Zilmer).
- 5930 CZECHOSLOVAKIA. Prague. 0105-20 EE, nx, 0200-30 SS (Brunner). 2322 SS (Szot & Hill).

- 5940 EUROPEAN RSFSR. R. Moscow. 2300-55 EE, audio like SSB (Zilmer, Fino).
- 5943 ECUADOR. HCJB. Spurs appear at multiples of 26-2/3 kHz from 5970; this is 1/3rd the separation between 5970 and their 6050 SS, but only EE hrd on spurs (Hauser 5943.3).
- 5950 PAKISTAN. Islamabad. 1435 EE/Urdu, U.S. pops, 1445 wk ID, then W in cmtry; 1500 pips, W in Urdu, SC mx; again next day after Manchuria 1425*; VOA splash (Snyder).
- 5952 COLOMBIA. R. Súper de Medellín. 0145 mx, TC's, ID's (Field). 0900 LA mx, ID (Powers).
- 5955 S. AFRICA. SABC. 1712 EE Svc, pops; QRM from VOA in RR (Bowlby 12/4).
- 5955 UNID. 0545 EE-vocal Xmas mx, EE ancr, 0601 EE ID, 0602* (Hardester 12/9) (TIQ. BH).
- 5960 CANADA. CBC No. Svc. 0100-0200 hockey game (Nebron). 2140-2230 EE, pops (Fino).
- 5960 HONDURAS. Lvd Occidente. 1446 FI w/ ID, cmcls, LA mx. Weard! (Jones 12/2). BH).
- 5960 UNID. 0000-0100* AA mx, perhaps FF touches, under CBC; perhaps N. Af (Hauser) (RTM).
- 5960 UNID. 0640 talk in lang (maybe EE), mx past 0700; vy wk (Wallace).
- 5965N CHINA. R. Peking. 1130 HS over Kuala Lumpur, repl 5970; 5990 remains (Willis 11/12).
- 5965N SWITZERLAND. SBC. From 5970 per my recommendation. 0245 in GG; relatively clear
- 5965 MALAYSIA. K.L. 1722 mx, 1730 nx, more mx; VG (Bowlby 12/4). (Hauser).
- 5970 DOMINICAN REP. RTVD. 1000 SS ID, nx; VG but 1025 QRM Peru (Behr). han, Bowlby).
- 5980 S. AFRICA. RSA. 0200-0415 EE, mx, cmtry // 3995, 7270; VG (Levy, Fino, Brunner, Mee-)
- 5985 USSR. QTH unk. 0500-16 EE cmtry by M&W; F till 0516, when 5987 het (Hardester).
- 5985 NEW BRITAIN I. R. Rabaul. 0945 Pidgin; P (Snyder 12/1). (EE they sked 0700*. BH).
- 5990 JAPAN. RJ. *1100 RE; mix China and USSR HS (Willis). 1208 BE nx (Jones).
- 5995 AUSTRALIA. RA. 0816 EE, pops to Pacific (Robins). 1145-1232 "World of Mx," EE mx (McCarthy). 1340 mx, EE ID; F (Earhart).
- 5995 MALI. Bamako. 0730 native mx, drums, chorus, 0755 TO (Earhart). 2230-45 FF & vernac, Af mx on bells, other instrs (Schwarz). 2327 Af rhythms, W voc (Hill & Szot).
- 5995 MARTINIQUE. Fort-de-France. 1000 "LM" & mx, 1031 FF nx, 1035 mx; often G (Behr). 2203-45 EE, LA mx (M. Smith). (EE? BH).
- 5995 VATICAN STATE. VR. 0100 EE relig talk to 0112; F (Levy).
- 5996 ECUADOR. HCJB. Spur of 5970 hetting 5995 (Hauser 5996.7). ser, Mayer, Wootten).
- 6000N HUNGARY. Budapest. 0200 HH, 0245 GG (to NA?), 0300 EE (Behr, O'Shea, Schwartz, Hau-)
- 6005 CANADA. CFXC. 1610 EE talk-show; GG (Salmaniw).
- 6010 W. GERMANY. DW. 0100 EE // 6040; bad conflict w/ RAI also EE to NA (Hauser, Zilmer).
- 6012 ANTARCTICA. AFAN. 0800 mx, EE, 0909 good ID; P (Field, Snyder, Bowlby).
- 6015 COLOMBIA. R. Mira. 1100 ID, chorus (Zilmer, Lineback).
- 6015 PARAGUAY. Em. Paraguay. 0400 mx, many ads, 0435 FO (Field 11/16).
- 6020 ASIATIC RSFSR. RM. 0946-1001 JJ talk, non-JJ mx; F (Snyder).
- 6020 ITALY. RAI. *1750 IS, into GG; P, under R. Ned. in DD (Bowlby 12/4).
- 6025 KUWAIT. *0400 AA, AA chants, AA & Western mx, 0445 nx to 0450 TO; P till Portugal 0430*, then F (Mayer 11/30).
- 6025 (T) UZBEK SSR. Tashkent. 1200 EE ID not QRM, said 6025, tinkling bell IS, M&W ancrs in seeming Mailbag pgm; still on 1250 in (?) lang (Earhart 11/30).
- 6025 NIGERIA. NBC. Enugu. 0500 EE nat'l nx, newspaper editorials; G (McCoy 12/4).
- 6030 CANADA. CFYP. Relay of MW CFPCN/1060 hrd 1800 ID, nx; F. Don't hear this one very often even up here (Bowlby 12/4). (Haven't hrd this since '66 in D.C.! BH).
- 6030 EUROPEAN RSFSR. R. Mayak. 2229 IS under AFRTS (Hill & Szot).
- 6030 JAPAN. RJ. 0900 buried under AFRTS at s/on (Treibel). (Which one is s/on then, RJ or AFRTS? BH). *1230 IS, EE ID, into RR; F (Jones).
- 6030 W. GERMANY. SDR. 0120-35 EE, talk, local nx included male streaker on Frankfurt streetcar (Brunner). (Tnx for the bare facts, Charlie. Good catch, too. BH).
- 6035 BOLIVIA. R. Panamericana. 0415 mx, SS ID, 0458* (Behr). 1005 Aymara & SS talk, mx, 1020 SS ads (Jones, Behr).
- 6040 E. GERMANY. RBI. 2359 IS, lang, covered by Canada (Zilmer).
- 6044 URUGUAY. Rdif Del U. 0200 SS nx, past 0230, mtd "El Espectador." Exact freq 6044.6 (Behr 11/11). (Ernie, what's the "mtd" mean? BH).
- 6045N SWITZERLAND. SBC. 0430-0630* EE, FF. Repl 11715 (Zilmer, Willis).
- 6050 MOZAMBIQUE. RCM, L.M. 0410-20 A.M. pops pgm; G, strongest ever hrd (Snyder 12/4).
- 6053 UNID. 0420 gospel-type mx, W vocal, 0427 M in (?), 0430 poss pips. L.M.? (Hill 12/5).
- 6055 RWANDA. RdIRR. 2030 mx, FF ID to 2100* NA; often G (Behr).
- 6065 MALAYSIA. BBC Tebrau. 1345 EBr, 1433 IS, "London Calling Asia," into Burmese (H'ser).
- 6065 SWEDEN. RS. Beaming some RR pgms to areas outside USSR. 1530 and 1700 BC are beamed 150°, which goes thru E. Eu & Egypt; 2015 pgm is 215°, going near Conakry (Hauser).
- 6070M E. GERMANY. RBI. New freq 0130 SS, ID, attacks on Chile (Schwarz 11/11).
- 6070 SWAZILAND. TWR. 0415 GG relig talk & mx, 0430 ID; P (Mayer 12/4). BH).
- 6070 W. IRIAN. RRI, Jayapura. 1153 Indo vocals, ID (Ross) (Assume you didn't mean 6080).
- 6085 W. GERMANY. BR. 0642 GG; P. DW not there at this time (Willis 11/24).
- 6085 ZAIRE. Kisangani. 2000 Af talks & mx, 2102*; VG; hi pwr? (Behr 11/29) (Nice one! BH).
- 6090 ASIATIC RSFSR. QTH unk. 1230 RR(?), mx, not // 6080; P (Jones 11/23).
- 6090 GREECE. VOA, Kavala. 0403 RR; F (Bowlby 11/22).
- 6090 LUXEMBOURG. RLL. 0015-0145 EE, request pops (Schwarz, Miller, Schwartz, Brunner).
- 6090 NIGERIA. RTV Kaduna. 0630 vernac, Af mx; fading (Wallace).
- 6095 PERU. R. Nac. Mil Ochenta. Variety mx M&W, 0140 ID; F in QRM (Robins 11/9).
- 6097 SOMALI REP. Mogadishu. 1930 local mx on brass instrs, 1945 Somali nx, 2000*; P (Mayer 11/30). (Rarely reported any more these days. BH).
- 6100 MALTA. DW Relay. 0115 apologizing for tech difficulties, "enjoy mx instead," not // German xmtrs on 6040 or 6010 but // Malta on 9745 (Hauser). CBC Relay *0600, 2145-58*, 2215* (A. Smith, Walsh, Lovett).
- 6100 YUGOSLAVIA. Belgrade. *2200-15 EE; F (Walsh).

- 6110 HUNGARY. Budapest. 1827 IS, 1830 Rakoczy March, W ID in Turk; mix BBC. Also audible // 7220, poorer there. 10:30 A.M. here (Hill 12/12).
- 6110 PHILIPPINES. VOA. 1337 pounding in w/ EE. Sked shows 750 KW here (Hauser) (Never fails to amaze me how well a station can do with only modest power. BH).
- 6115 MEXICO. R. Univ. de Sonora. 0025 clas mx, ID (Robins). 2000 EL mx, 2025 ID (Hauser).
- 6120 (T) PHILIPPINES. FEBC. 1705 EE relig, 1712* abruptly; P (Snyder).
- 6120 VENEZUELA. R. Angostura. 0940 SS mx, then ads for 15 straight minutes (Gaffin).
- 6125 COLOMBIA. R. Continental. 0645 SS ancts (Willis 11/24).
- 6125 HONDURAS. R. Suyapa. 0150 hit-parade pops, 0200 wiped by VOA (Jones).
- 6128 PAKISTAN. Islamabad. Since 12/10, hrd *0011 IS (similar to AIR's), "salaam aleikum" 0114 by W or M (seem to alternate days), then chants; peaks around 0130, FO around 0200. Is // 5020V during IS, then chnls split pgmng at s/on (Hill). ron).
- 6130 GHANA. Tema. 2135 end EE nx to W. Af, ID (Robins). 2248 EE nx, 2300*; unusual (Neb-
6130 SAUDI ARABIA. Riyadh. 1605 AA chants, ID, past 1700; F (Behr). BH).
- 6140 AUSTRALIA. VLW6. 1145 EE horse-race; F (Zilmer). (Only EE-speaking horses entered.
- 6140 BURUNDI. Bujumbura. *0328 IS, native mx to 0359; P (M. Smith).
- 6145 MALTA. DW Relay. 0233 GG, 0257 DW IS, into nx; F w/ QRM (Hardester). M. Smith).
- 6145 NIGERIA. NBC, Calabar. 0550-0657 EE, nx, ancts, vernac, ads (Snyder, McCoy, Sparks, UNID. Af-type stn daily 0650; too wk to ID. Not Nigeria (Willis 11/24). (Why not?)
- 6150 AUSTRALIA. VLW6. 0737 sports; now on DSTL (Hauser). 0800 3LO relay (no name). BH).
- 6154 GUINEA. Conakry. 0500 Af mx, FF ancts // 7252, 9648; all distorted (Behr).
- 6155 AUSTRIA. ORF. 0245-0300 GG, ID, cmtry; F (Schwartz).
- 6155 JAPAN. FEN. 0645 pops, 0700 EE mx (Meehan). 1330 EL mx, ID's, 1400 nx; G (Robins).
- 6155 SWAZILAND. SMR. 0415 EE, rock mx; P (no name 11/5).
- 6160 VENEZUELA. R. Canaima. 0920-40, IA mx, ID's (Gaffin). 0907 mx, ads, ID (Wooten).
- 6165 ASIATIC RFSRP. RM CC Svc *2130 IS, CC, ID's by M&W (Robins) (LP catch. BH).
- 6165 MEXICO. LvdI Am. Latina. 0453 SS nx, 0455 wiped by R. Ned. (McCoy 12/5). 0509 ID, then talk on Mexican history. No R. Ned.; had to tune to 9715 for "DX Jukebox" this date (Sztot 12/6). 0510 under Bonaire during my DX report, hi (Hauser 11/22). UnID IA over SBC till *0645, w/ one mention of Mexico (Willis 11/12).
- 6170 PHILIPPINES. PBS. 1245-50 EE talk re SS history in Philippines; F, fading (Buxton).
- 6175 BRAZIL. R. Guarani. 2215 PP; P (Zilmer).
- 6175 COSTA RICA. Faro del Caribe. 1130 relig pgm w/ organ mx; F (Zilmer).
- 6175 FRANCE. ORTF. 0559-0728* FF TC's, U.S. & FF pops; F (Snyder 11/30).
- 6175 U.S.A. VOA, Greenville, now relaying BBC WS per 0330* ID. Poor audio quality owing to off-the-air relay (Hauser). (Whoopee, just what we all need -- another relay. BH).
- 6180 ARGENTINA. R. Nac., Mendoza. *0930 NA, freqs, etc.; VG (no name).
- 6185 (T) LIBYA. Tripoli. 2040 AA talk or nx; 2055 covered by DW & Lisbon (Behr 11/29).
- 6195 CHILE. R. Colosal (relay of MW CBL38). 0145 ID, mx, ads, 0309*. Since 11/9, but some days only Lvd Chile 0230-0505* (Behr).
- 6202 (T) JAVA. Stn here seeming not Enarotali but new stn in Bandung; can't copy full ID but sked irregular. Noted various times 1100-1400 but s/off variable (Tyson).
- 6230V PAKISTAN. RP. 2130 EE ID, nx to 2146* w/ chorus; F (Behr 11/29). (Sorry to encroach into your territory, Mac, but time didn't permit forwarding last two items. BH).

These reporters got us off to a good start in '75: Ernie BEHR, Ottawa, Ont. (SPR4/XCR30); Jeff BOWLSBY, Vancouver, B.C. (SP600); Charlie BRUNNER, Salford, PA (Zenith D7000Y); Darrrell BUXTON, U.S.S. Enterprise "somewhere in S. E. Asia" (R390/R4B); J. COLE, Denver, CO (SW4A); Hadley GRESS, Harrisonburg, VA (R4C/SX190); Steve d'ADOLF, El Paso, TX; Bill DAVIS, Laguna Niguel, CA (homebrew); Jim DAVIS, Travis AFB, CA (SX99/GR54); Kenneth FARIART, Alentown, PA (SX190); Marlin FIELD, Hillsdale, MI (SX100); Henry FINO, Rochester, NY (1936 RCA Victor console); Adam GAFFIN, Brooklyn, NY (Globe Traveler Pro); Mike HARDESTER, San Diego, CA (XCR30); Glenn HAUSER, Enid, OK (HQ160); Dan HENDERSON, Seattle, WA (SPR4); Bob HILL (Editor), Berkeley, CA (R390A/R390); Jack JONES, Jackson, MS (DX150A); Ron LA CROIX, Center Line, MI (HQ180); Brian LEVY, Atlanta, GA (DX160); Jerry LINEBACK, St. Joseph, IL (SPR4); Brandon LOVETT, Coldwater, OH (DX150A); Larry MAGNE, Philadelphia, PA (R4B); Alan MAYER, Park Forest, IL (SB310/NC173/DX150B); Bob McCOY, Lincoln, NE (DX150B); Jim MEEHAN, Berkeley, CA (SX190); Al MILLER, Youngstown, OH (HR0500); Larry NEBRON, Daly City, CA (SX-190); César OBJIO, Santo Domingo, Dom. Rep. (HE30); Richard ODLIN, Tacoma, WA (DSR2/R4B/XCR30); Mike O'SHEA, Buffalo, NY; Pat PATTERSON, Decatur, GA (SW4A); Mike PERAHO, Chisholm, MN (SPR4); Neal PERDUE, Millington, TN (SW4A/2C); Jeffrey POWERS, Vinco, PA (DX150B); Bryan PRICE, Lexington, KY (DX150B/RB4/Astronaut 8/Spartan); Edward PYATT, Philadelphia, PA (XCR30); Andrew ROBINS, Kalamazoo, MI (SX190/SP600JX17/SX28A); Mike ROSS, Ronkonkoma, NY (SX190); Keith RUSSELL, Urbana, IL (SX100); Walter SALMANIWI, West Hill, Ont. (SX190/DX-150A); Richard SCHWARTZ, Dover, DE (SX190/S108); Ken SCHWARZ, Ft. Wayne, IN; Ed SHAW, San Diego, CA (SP600); Arthur SMITH, Wilsonville, AL (BC342N); Myron SMITH, Spencerport, NY (NC188); Todd SMITH, Wilton, CT (GR64); Doug SNYDER, San Jose, CA (R4B); Bill SPARKS, San Francisco, CA (R4B/HQ180A); Kevin SZOT, Vacaville, CA (NC183D); Pat TOBIN, McDonald, PA (DX160); Walt TREIBEL, Seattle, WA (HQ180C); John TUCHSCHERER, Neenah, WI (HQ180/HQ100A); Craig TYSON, Wembley, W. Australia (Trio 9R59DS); Steve WALLACE, Lewistown, PA (R4B/DX-150A); Tom WALSH, Quincy, MA (DX150A); Art WEAVER, Lincoln, NE (Sony TFM1600B); Douglas WICKS, Vinco, PA (DX150B); Dave WILLIAMS, Astoria, OR (SPR4/Collins 75S3C); Michael WILLIS, Hampton, Victoria, Australia (9R59DE); Charlie WOOTTEN, Bethesda, MD (R390/SRR13/Zenith T-O/GR78/Blaupunkt); Bob ZILMER, Milwaukee, WI (SPR4). Whew! And a very special tnx to my fellow NASWA'er and good friend Kevin Szot, who helped out with some of the column preparation. You'll be hearing a lot more from this fine young DX'er in the year ahead.

There never seems to be enough space at the end of this column to sit back, breathe a bit and say hello. So, President Dan, I hereby swipe an extra page to do just that.

This month's turnout of 62 reporters was outstanding -- but even more remarkable is the fact that almost one-quarter of them (15, to be exact) are WCNA! Superlatives to you, fellow West Coasters. (Your kindly Editor grew up in the "West Coast" town of Cohasset, Massachusetts, by the way.)

Please, fellas, no reports or letters beginning "Mr. Hill." That's my father. "Bob" will do just fine.

Among the high points of this month was a poem submitted by one Effiemay Loudenboomer of Olean, NY, who claims to be a cousin of You-Know-Who. While space does not permit a printing of same in its entirety, let us merely advise that this immoral -- sorry, immortal -- rhyme gleefully ribs your long-suffering Editor re his request that reports be sent in on paper measuring exactly $8\frac{1}{2}$ inches long. Well, we can take it as well as dish it out -- and let it be known that we enjoyed the poem immensely.

However, we have just converted to a new system of assembling items in frequency order. While the full details are classified Top Secret, it is permissible to hint that the operation involves shirt cardboard (the kind that laundries stuff into shirts) and spray adhesive. Since the cardboard measures exactly 8 inches across, that now becomes the ideal length of reports!

So if your items are less than 8 inches across, your saintly Editor winds up with adhesive all over his sleeve -- and if their width exceeds 8 inches, the surplus paper hangs over the edges, flaps in the breeze, gets all tangled up when I stack the cardboard, and elicits reproving glances from guests.

It's back to the Thesaurus for you, Effiemay.

Last month, we asked members to comment on a couple of procedural questions: (1) Should common items be dropped in favor of a "Letters-to-the-Editor" column? (2) When a reporter submits incorrect info (wrong ID, inaccurate freq quote), should he be taken to task or should his errors be hidden forever?

Response was -- at least to me -- quite astonishing! A number of NASWA'ers took the time and effort to comment at considerable length. Gang, it's appreciated!

Before going into details about these responses, it should be added here that the questions were rather poorly phrased owing to lack of space. And the second question should have been amplified with pro and con points on the relative merits of each approach.

(1) By "common items," I meant items reported month after month (often by the same people), not "common" in the sense of easy. They aren't always the same thing. A DX'er should report what is DX for him, regardless of how yawn-provoking the station may be to a more veteran listener.

(2) Regarding errors of identification and frequency quotation. Some respondents took me to task for expecting headline accuracy from poorly calibrated receivers. Not at all, folks -- but if you can't be positive that your reading is within 2-3 kHz, then it is absolutely imperative that you stick the little letter "A" (approximate) after your freq quote. As far as I know, the only person ever to find the letter "A" embarrassing was Hester Prynn.

But why all the fuss over incorrect information? Well, for one thing, it's difficult to deal with. If corrected in such a way as to hide the reporter's mistakes, he "rides along," in effect, on the backs of those who submit correct data. If corrected in print, he is (or might consider himself) humiliated in front of his peers.

If an item quoted 7115 is actually 7120 but is printed 7115, whether corrected or not, the Log Report is just that much less useful as a reference. If an item says the station is Rhodesia and it's actually Sri Lanka, then once again the fact that the item begins RHODESIA, whether or not a correction appears therein, lessens the value of LR as a reference.

Okay? Now let's see what our respondents had to say:

On Question (1), 4 said, unequivocally, that a Letters column was desirable; 8 said "Yes, but ..." -- only if LR wasn't cut, or at least not cut very much; 4 said phooey on such a column. One made the excellent point that one LR section should not have a Letters column if the other two don't. Conclusion: if you really want a Letters column, tell DF. (One writer had the temerity to suggest that The Loudenboomer Report be dropped in favor of Letters. He knows who he is, and he will never be given another chance! CL's eyes are everywhere!)

Question (2) seemed to draw closer to a consensus. Ten writers said to correct the miscreant in print -- tactfully, of course. Two opined that incorrect items should be thrown out. Only 2 thought that the correction should be made in such a way as to hide the error and its perpetrator. Conclusion: to encourage accuracy, to preserve the value of LR, and to keep from giving undeserved high marks to low performances, mistakes will be corrected in print -- but tactfully, you ignorant nitwit!

Of course, all of the foregoing applies to LR-A only. Other section editors surely have their own opinions and preferences.

Remember the NASWA'er who reported Syria on a new freq of 4845 last month -- and it was actually Mauritania? The poor guy had taped the station and played it for a native AA-speaker, who told him it was Syria! Some days ya just can't win, period.

And now your patient, kindly, forgiving LR-A Editor wishes you the best of DX in '75 -- and don't screw up them reports!

73,
Bob
Bob Hill

WLARR / WB6GLF

LOG REPORT

B

B Section Editor: M. R. LEONHARDT, P.O. BOX 13, LIBERTY, IND 47353

- 6200 ALBANIA R. Tirana; 0256 EE, closing px, ancr seemed to have Aussie(Strine) accent, gave 8 other EG times and played Internationale (Hauser)
- 6204.5 ALBANIA R. Tirana; 2226, noted drifting up to here in lang, hets 6200 and splashes SSB UTE 6208, ID (Magne)
- 6210 CLANDESTINE Pathet Lao Radio; 1030 Lao, has now drifted to and settled for time being on this freq from 6215 (Willis-Austi)
- 6235.7 ENGLAND Radio England NOT heard during sked test to NoAmer 12/1, 0500-0515; not even a carrier anywhere in this vicinity. Further tests are (were) sked for 12/15 & 12/29 at 0500-0630 per NASWA (Hauser)
- 6250t EQ. GUINEA R. Santa Isabel; 0604-0650 SS, OM & YL ancrs, vocal mx, ID at 0625 as "Esta es Radio ???", not sounding like Santa Isabel (Hardester); 0815 SS pops (Lineback); 2215 Afro mx, ID not definite R. Santa Isabel (Zilmer)
- 6260 PAKISTAN R. Pakistan; 2145 EE talk and s/off at 2147* (Wicks)
- 6290 CHINA R. Peking; 1200-1208 EE, talks, nx, cmntry (Lineback, Zilmer)
- 6345 CHINA R. Peking; 1215 CC talk by YL. Poor (Lineback)
- 6383t MONGOLIA Ulan Bator(listed); 1157-1207 Lang, talk by OM & YL, mx, unreadable. Very poor (Lineback)
- 6765 CHINA PLA-Fouchou, Fukien; 1240 YL in CC talk, CC opera mx (Robins)
- 6900 CHINA ? 2324 Internationale after unid lang and off (Hauser)
- 6905 USSR ? 2312 RR, temperatures, other wx info, apparently on 5-min cart, as ran 4:19, paused :44 sec then repeated (Hauser)
- 7013.2t CAMBODIA VNUFK; 1150-1208 YL talking in Cambodian. This probably same station I reported last month as tent Thailand which was identified more by mx than voice. Strong 3 signal w/very fast fade or flutter. Maybe via Peking-See "How to Listen to The World", 7th edition, page 152 (Earhart)
- 7050 EGYPT R. Cairo; 0440 AA(?) OM & YL talking, lcl mx doesn't sound like AA, but similar (Wootten); 0355 AA mx (Salmaniw)
- 7065 ALBANIA R. Tirana; 2056 ending EE in 42, 41 mb (Hauser); 2130 EE nx (Zilmer)
- 7085 CLANDESTINE Mother of Vietnam; 1100 Always an excellent signal, w/pleasant VV songs, but virtually void of identification (Willis-Austi)
- 7085 PAKISTAN R. Pakistan; 2135-2144* EE, children singing at s/off (Earhart)
- 7100 MONACO TWR; 0735-0850 EE rel px (Earhart, Snyder, Powers)
- 7100 JAVA RRI, Jakarta(Listed); 1132-1200 EE, world nx, cmntry, ID at 1134 "This news comes to you from Jakarta", instr mx into lang 1145 (Hardester)
- 7105 CANADA CBC; 2145 EE, R. Canada SW Club px (Zilmer) This could not be Canada since no NoAmer broadcaster can legally use 41mb - MRL
- 7105 SPAIN RNE; *0900 s/on in SS by YL (Snyder)
- 7105 ENGLAND BBC; 2200 opening to Japan. Maybe relay? (Hauser)
- 7105 MONACO TWR; 0745-0750* EE, bible talk (Earhart) / off (Hauser)
- 7105 MALTA; 2159 GG accented anmt! Here is the CBC, transmitting from Malta and
- 7110 MALI R. Mali; 0902 FF, lcl mx, fading fast at 0915, Poor (Snyder)
- 7115 MOROCCO VoA Tangier; 0200-0205 EE ID into Urdu (Brunner)
- 7120 CHINA R. Peking; 0115 EE, nx, cmntry (Zilmer)
- 7125 INDIA AIR; 1532 EE, OM w/nx, polar flutter (Snyder)
- 7125nf ISRAEL IBA; 2000-2305* usually over Poland on this new HS(Hebrew)//9495, is often in USB mode by accident, but is meant to be SWBC (Magne)
- 7135 USSR R. P. & P; 0430* SS, YL talks, IS at 0425, more talk to 0430* (Bowsby)
- 7135 MONACO R. Monte Carlo; 0735 II anmts (Willis-Austi)
- 7135 USSR(Unknown Far East site); *1500-1700* in VV; *0730-0800 f/o in CC(B. Davis)
- 7140 CYPRUS BBC; 1408-1415 via long path, AA drama px, BBC IS 1415 (Snyder)
- 7150 UKRAINIAN SSR R. Kiev; 0030 EE, nx, cmntry (Tobin)
- 7150 USSR R. Moscow; 0145-0200 EE, ID, Viadivostok Conference talk(Brunner)
- 7155 ENGLAND ? R. Canada; 0725 EE, nx, ID. Daventry? (Bowsby)

- 7160 PHILIPPINES VoA; 2157 Korean talk. Unusual time (Hauser)
 7165 RYUKYU ISLANDS VoA Okinawa; 1206 EE, nx (A. Miller)
 7170 USSR R.P.&P; *1100-1105 IS, OM & YL talking in possible CC (Earhart)
 7170 USSR(Unknown Far East site); f/i 1430-1800* CC svc, strong signal (B. Davis)
 7180nf HUNGARY R. Budapest; 2153 EG, on Liberation Contest. Over VoA Tangler, off 2156 leaving BBC also audible. Ex 7220 (Hauser); *2130-2140 EE, nx (Mayer)
 7190 CHINA R. Peking; 0739 YL vocals. HS, program II listed (Bowsby)
 7190 UNID. 0405-0440 as per last month's LR, unid station w/OM & YL in AA talks, instr mx of 10-15 sec duration, series of flute mx of 10-30 sec duration mixed equally w/OM talk of 1-3 min duration in AA, YL w/definite mention of "Aden" or "Adan". Inquiry sent to Yemen(DPR) (Hardester)
 7195 UNID. Possibly Algeria. Chants by OM & YL 0745 (Bowsby)
 7195 ALGERIA R. Algeria; 0720-0735 AA, mx, OM & YL ancrs, possible nx (Earhart)
 7200 SUDAN R. Omdurman; 0405-0430 AA, chants //5039 (Mayer, Saimaniw)
 7205 AUSTRIA ORF; 0456 GG, IS, ID (A. Miller)
 7205 USSR(Asiatic?) R. Moscow; 0450 EE cmntry, gave freqs and off (A. Miller)
 7215 IVORY COAST RTI; 0735-0745 FF, good mx, but heavy on the drums (Earhart)
 7220 AUSTRALIA RA; 1150 EE, world nx (Zilmer); 1348 EE pops, very poor due to jamming on adjacent freq (Snyder)
 7225 RWANDA DW; 0330 FF ID into Swahili (Lovett); 0430 Swahili, EE (M. Smith)
 7225 MALTA/ENGLAND; 2102 per RCSWC, RCI EE px. Was from Malta on this freq thru 11/25, but starting 11/26 is from Daventry, England (Hauser)
 7225 RUMANIA R. Bucharest; 2123 EG, YL ancr, mx bits, no sign of RCI Daventry; 2130 into PT(Portuguese) (Hauser); 2015-2020 EE, nx by YL (Mayer) / (Snyder)
 7230 JAPAN NSB; 0845-0902 2nd Pgm JJ, YL in talks, US pop mx, QRM USSR
 7230 USSR(Asiatic site); 0845-0902 Mayak, lite mx, RR ID //7200 (Snyder)
 7235 AUSTRALIA RA; 1300 TC, ID into possible nx in lang (A. Miller)
 7235 NIGERIA ECSCB; 0520 lang w/chants. Poor (Mayer)
 7240 USSR R.P.&P; 1537 EE, OM w/cmnlry, ID at 1540 (Snyder)
 7245 ANGOLA Emis Official; 0458 IS, s. on in PP. Fair to poor (Snyder)
 7245nf ALGERIA R. Algeria; 0750-0805 FF, OM & YL in talks, classical mx (Earhart)
 7250-53 HUNGARY R. Budapest; 0100 in lang, EE cmntry and ID 0415-0425 having drifted to 7235 (Cress); 0430 EE, jazz mx //6000 (Zilmer)
 7250nf MALTA CBC; 0600 w/all mx test; later moved to 7290 (Willis-Austi)
 7252-53v GUINEA Rdiff Nationale; 0045 FF/Vern, Afr mx (Zilmer); 0320 FF, strange string mx (A. Miller); 0345 Afr string mx, FF anmts //9652 (Cress); 0420-0450 Ici mx, possible Vern talks (Snyder)
 7255t NIGERIA Lagos? drums 0758, then possible anthem, chants, nx in lang, drums 0829 and carrier off 0830* (Bowsby)
 7261.8 UNID. 0915-0958 JJ sounding talks, mention of BCC, mx by OM, YL w/BCC mentioned again, 6 short pips 0958 (Hardester)
 7265 W. GERMANY Sudwestfunk; 0050 GG, nx (A. Miller)
 7275 NIGERIA VoN; 0555 on air w/NA, EEanmts of freqs, EE nx from 0600 (Cress)
 7280 USSR R.P.&P; 1337 OM w/cmnlry, ID, IS 1340. QRM Australia (Snyder)
 7280t YEMEN R. Sanaa; 1510 AA chants, OM in talks, f/o 1545. Poor (Snyder)
 7285t FRANCE ORTF; 1558-1610 YL in talks, FF/EE pop mx, no ID but ORTF type programming (Snyder)
 7290 MALTA CBC; 0600 EE, nx. Replacing 7250 //6100 (Willis-Austi)
 7290 USSR Petropavlovsk-Kamchatka; *0800-1600* in CC. Strong carrier, low modulation level (B. Davis) (Snyder)
 7315 CHINA R. Peking; 1502 EE, YL w/nx covering Peking CC svc on same freq
 7315nf USSR R. Moscow; 1045 VV, nx, ID. Excellent lvi (Willis-Austi)
 7335nf CHINA R. Peking; 1000-1155 RR, jammed and over USSR HS. Could replace 9645 (Willis-Austi)
 7350 USSR R. Vilnius; 0045 EE, nx, cmntry (Tobin)
 7355 USSR R. Moscow; 2300 EE to NoAmer. This the best of 13 freqs given; Simon says site is Omsk, Asiatic RSFSR, but I'd guess much further west (Hauser)
 7395 ISRAEL IBA; 2000-2055* EE, nx, ~~EX px at 2045~~ (Zilmer, Hauser, Powers); *0500 EE, nx, ID's (Schwartz) / ID; Magadan? (Hauser)
 7420 RSFSR Asiatic; 1315-1400 RR, classical mx, "Govorit Radiostansiya Yunost"
 9020 CHINA R. Peking; HS, YL in talks 0035, slight het 9022 (Bowsby)
 9030 CHINA R. Peking; 0037 SS ID (Bowsby)
 9064 CHINA R. Peking; 0020, HS, OM in talks, not //9020 (Bowsby)
 9365a CHINA R. Peking; 1142-1208 talks in lang, anthem and off 1158. Back on 1200 in lang (M. Smith)
 9370 N. KOREA R. Pyongyang; 1300-1347* EE, nx, cmntry, Ici mx (Zilmer, M. Smith)

- 9440 CHINA R. Peking; 1220 YL in lang, some CC mx (Robins)
 9445nf CANADA CBC; 1830 onwards since early Dec. Ex 9480. Excellent with Afr Svc, later on Armed Forces Svc //5925 (Magne, Zilmer)
- 9475 EGYPT R. Cairo; 0210-0224 EE, AA vocals, nx, ID (Patterson)
 9480 CHINA R. Peking; *1300 IS, ID into EE px (Robins)
 9480 CANADA CBC; 2145 EE, RCI SW Club (Zilmer)
 9480 ALBANIA R. Tirana; 2030 EE, nx //7065 (Zilmer)
 9495 ISRAEL IBA; 2050-2053* EE, nx (Zilmer)
 9500 ALBANIA R. Tirana; 1400 EE, nx (Zilmer); 2010 FF ID (Snyder)
 9500 ALBANIA R. Peking; 0158 SS, nx (Wootten)
 9505 DOMINICANA REP RTV Dominicana; 2309 SS talks (Powers); 0100-0115 EE, nx, travel talks (Wicks, Brunner, Tobin, Zilmer) // (Willis-Austi)
- 9510 TAIWAN VoFC; *1030 CC over Peking HS, so don't confuse. Replaces 15125
 9510 INDIA AIR; 2130 ICI talk and mx (Wicks) Lang? - MRL
 9510 ASCENSION ISLAND BB; 0100 EE, mx, talks, Big Ben at 0129 (Brunner)
 9515 AUSTRALIA RA (Believed Shepperton); 1300-1400 new JJ Svc here (Willis-Austi)
 9515 TURKEY VoT; 2016 TT, OM & YL in talks (Snyder)
 9515 MEXICO LV de la America Latina; 1530 SS, drama. QRM Turkey (Mayer)
 9520 NEW ZEALAND NZBC; 0802 EE, nx, sports //1780 (Wootten); 1015 EE, pop mx (Zilmer); 1100 relaying Home Svc w/ICI national nx. Not running 11780 at this time, completely unscheduled (Willis-Austi)
- 9525 CUBA R. Havana; 0735 EE, OM & YL in talks (Heraghty)
 9525 SOUTH AFRICA Radio RSA; 2135 EE talks (Wicks); 0250 EE (Masterson)
 9525 LEBANON R. Lebanon; 0225 AA, 0230 into EE (Snyder)
 9530 HUNGARY R. Budapest; 1513-1528* EE, talk and cmtry (Herbold, Cole)
 9534 ANGOLA Emiss Official; 0545 fair sig w/PP anmts, some Afr mx (Willis-Austi)
 9535 UNID, 1025 SS Latin station here over Switzerland. Nothing listed (Willis-Austi)
 9540 NEW ZEALAND NZBC; 0537 EE, interview with author (Meehan); 0700 EE, classical mx (George)
- 9540 AUSTRALIA RA; 2059 EE, disconcerting to hear at this time on this band; probably long path. Also ancd 9580, 7140, 6195, none heard, 2100 nx (Hauser)
 9545 GHANA R. Ghana; 2045-2115 EE, talks, mx, features (Brunner, Tobin, Wicks); 2145-2200 lang, ID Afr mx into organ mx (Lineback)
- 9545 BRAZIL R. Univero; 0100 PP, talks and short mx (Wicks, Zilmer)
 9545 W. GERMANY DW; 0218-0235 EE, information on contest (Powers)
 9545 SOUTH AFRICA Radio RSA; 1855 EE, nx, cmtry (Heraghty)
 9550 GRENADA R. Grenada; 1935-1945 EE, calypso mx, ID by OM (Mayer)
 9550 CHILE VoC; 0030 EE, solidarity talks (Tobin)
 9560 JORDAN R. Amman; *1530 IS, EE ID, mx show (Mayer)
 9560-67 CHILE VoC; 9560; 0035 EE, nx by YL (Wicks); 9564; 2330-2340 GG ID, requests for reception reports (Schwartz); 9566; 0030 EE, nx, cmtry (Zilmer); 9567; 0037 (not Portales), SS, nx items (A. Miller)
- 9570 CHILE Em Diego Portales; 1015 SS anmts under TWR (Willis-Austi)
 9575 ITALY RAI; 0100-0115 EE, nx, talks, mx (Zilmer, Masterson, Brunner); 0330 strong in RR, off 0338 abrupt before px sked to end (Hauser)
- 9575 USSR R. Moscow; 1645 PP px to Afr; 1700 into AA (Hauser); 0425 EE, nx (Cole)
 9580nf USSR R. Moscow; 0620 EE to NoAmer (Willis-Austi)
 9580 PHILIPPINES VoP; 15501655 EE, cmtry, ID into lang (Cole); 1735 EE, OM in talk into px in lang 1737 (Mayer)
- 9580 ENGLAND BBC; 0149 EE, drama (T. Smith)
 9585 JAPAN NHK; 0100 EE, nx (Zilmer)
 9589 NETH ANTILLES RN; 0308 off freq w/demo of sports car in Haarlem (Hauser)
 9590 NETH ANTILLES RN; 0345 SS, mx (Masterson)
 9585 JAPAN NHK; *1300 IS into EE nx (Robins)
 9590 USA KGEI; 0149 SS, announcing switch to 6000, in effect exchanging freqs with RN Bonaire //9615 (Hauser)
- 9590 UZBEK SSR R. Tashkent; 1200 EE, nx, cmtry, mx (Tobin)
 9600 UZBEK SSR R. Tashkent; 1155 IS, EE, ancd freqs as 6025, 9540 & 11905, nx cmtry, mx (Keller)
- 9605 W. GERMANY DW; *1115 now runs JJ replacing *1120. EE to AustI & New Zealand now 0930-1030 (Willis-Austi)
- 9605 VATICAN Vatican Radio; 0100 EE, rel nx (Zilmer)
 9605 SWEDEN R. Sweden; 1230 EE, nx to East Asia (Zilmer)
 9610 AUSTRALIA VLW9 Perth; 1105-1117 EE, national nx, ID "This is 6WC", not sure of this MW call sign (Patterson); 1455-1500* EE, s/off anmts (Lineback)
- 9620nf SAUDI ARABIA BSKSA Riyadh; 0700 AA under Paris //9605 (Willis-Austi)
 9620rf S. VIETNAM Saigon; 1008 now using this freq for VV HS //6165 (Willis-Austi)

- 9620 USA UN Radio; 0002 special freq rarely used, only when sessions run past 0000. Noted 11/21 (Hauser)
- 9630 SWEDEN R. Sweden; 0830-0900 cf 6065; another RR px beamed to EaEur and Egypt (Hauser); 1028-1040 GG, mx, OM in talks (Earhart)
- 9635 COLOMBIA R. Nac; 1115-1130 EE/LL then SS px (Brunner) What's LL? -MRL
- 9635 USSR R. Moscow; 0650 EE to NoAmer, always good after VoA s/off (Willis)
- 9640 S. KOREA R. Korea; 0505-0515 EE, nx (Buxton)
- 9645 BRAZIL R. Bandeirantes; 0045 PP talk (Zilmer)
- 9645 COSTA RICA TIFC; 0400 EE rel px (Zilmer)
- 9650 KUWAIT R. Kuwait via Magwa; 0535 AA HS via long path (Willis-Austl)
- 9655 THAILAND R. Thailand; *0930 IS, s/on anmts in Thai and EE (Buxton)
- 9660 VENEZUELA R. Rumbos; 1600 SS, usual chimes, ads, ID's, other YV activity good late on 31 mb too (Magne)
- 9670 NETH ANTILLES TWR; *0445 EE ID into AA px for Mid East (Lovett)
- 9675 BRAZIL R. Diario da Manha; 0015 PP sports (Zilmer)
- 9680 ECUADOR HCJB; 0928 Quecha px (Earhart)
- 9680 SPAIN R. Svoboda, Playa de Pals; 0409 piano parody on a R. Moscow theme during RR nx over jamming. A bit better than //9660 (Hauser)
- 9685 BRAZIL R. Gazeta; 0115 PP sports (Zilmer)
- 9685nf ALGERIA RTVA; *0600 here in AA //9705, 11715, 11965, 9610 (Willis-Austl)
- 9690 ARGENTINA RAE; 0145 SS, "Musica de la Republica Argentina" (Wooten); 0300-0334 EE, ID's, tangos, features (Patterson, Masterson, Tobin, Cole)
- 9690 PAKISTAN R. Pakistan; 1335-1355* Urdu, oriental strings, some vocal //17845 (Earhart)
- 9690 RUMANIA R. Bucharest; 1300 EE, nx (Zilmer)
- 9695 BRAZIL R. Rio Mar; 2325 PP, jingles, ads, talks (Zilmer)
- 9695 AUSTRALIA RA; 0800 EE ID into Indonesian px (Meehan)
- 9700 UKRAINIAN SSR R. Moscow via Lvov?; EE, nx, views, RR vocals, pop mx, very poor signal for RM (Patterson) /Masterson)
- 9700 BULGARIA R. Sofia; 0020-0055 EE, nx, talks, features (Earhart, A. Miller, 0214 putting G-sharp het on VoA 9705 (Hauser)
- 9704.59 MEXICO R. Mexico; 0214 putting G-sharp het on VoA 9705 (Hauser)
- 9705 MEXICO R. Mexico; 0100-0115 SS, orch mx, used word "Television" in ID, not previously noted (Earhart)
- 9705 BRAZIL R. Maua; 0125 PP talks, excited sports event in background (Zilmer)
- 9705 INDIA AIR; 1223 EE ID, px sked (Zilmer)
- 9710 SOUTH AFRICA SABC; 1230 EE, nx, Afrikaans talks (M. Smith); 0350 pop mx ads (Tobin) Lang? - MRL
- 9715 CONGO Rdiff Congolaise; 2245 FF, talks, Afr mx (Chorus and drums) (Zilmer)
- 9720nf FINLAND R. Finland; 0300 EE, nx. Replaces 9550 (Zilmer); 0302-0358 only weak SP detected, probably R. Moscu. Being buried under Norway and Cuba on 9550, asked ANARC's FRC for a clearer 3lmb channel 0300-0400. Recommended 9725, but usin 9720 instead. For reason 9725 was not adopted, see next item (Hauser)
- 9725 USA VoA; No doubt in a deliberate move toward 'normalization' of relations, by 12/1 VoA had dropped "Cita, Con Cuba" (also the morning version), and changed its evening SP program to 0100-0330 on all freqs (formerly only a few stayed past 0300 for Cuba), and renamed it "Buenas Noches, America". Cita Con Cuba had appeared in November sked (Hauser)
- 9730 BELGIUM RTB; 0040-0100 EE, jazz mx (Zilmer)
- 9735 W. GERMANY DW; 0756 CG, mx, nx, EE ID (Herbold)
- 9740 ARGENTINA R. Splendid; 0115 SS talks (Zilmer)
- 9745 IRAQ R. Baghdad; 2010-2015 EE Svc w/AA mx, ID, newsreel (Buxton); 1700 OM & YL alternating nx in AA. Possible "Baghdad" ID at 1701 (Hauser); 1930 EEID, px anmts, Mid East mx, EE nx 1935. Good Signal (Cress)
- 9745 MALTA DW; Although freq sked does not specify relay sites, this is clearly Malta for 0115 EE to NoAmer, as lost feed 11/21 and had to play fill mx instead (Hauser)
- 9745 INDIA AIR; 0110-0115* EE, freq and time anmts for GOS. Heard over DW IS same freq (Snyder)
- 9749.56 PHILIPPINES VoA? 1500 EE, px on University of Ibadan 11/30, making a 440 Hz het w/9750; 1514 undermodulated anmt by W, mx px, 1530 cut off SEARV? (Hauser)
- 9750 CHILE R. Minería; 0932-1017 SS, nx, talks, ads (Zilmer, Earhart, Hauser)
- 9754.1 EGYPT? 1450 AR type mx hetting 9755, freq wavering. Cairo? (Hauser)
- 9767.2 MEXICO R. Universidad; 1903 tnx to tip from Behr via NASWA, found R. Univ here 11/27 ex 9600. 1647 classical mx, SS anmt, ID poor reception. 1903 produced 2.8 kHz het w/9770 (Hauser)

- 9767.35 MEXICO R. Universidad; SS, Radiodiario nx, 1431 plugged another one at 11 PM, ID, folk mx (Hauser)
- 9770 SAUDI ARABIA BSKSA; 1928-1952 AA, mx, chants. Polar flutter (Snyder)
- 9775 UNID. LA, measuring 9773-9776v to 1255 Moscow 9775 carrier s/on, before that in the clear w/non-stop Andean flute mx, no nmmts or ID's, poor carrier weak, not 4VEH, never noticed before (likely this channel is due to defective tx and station is usually buried elsewhere) (Magne)
- 9780 USSR R. Moscow; 0205 EE to USA, 0300 R. Kiev in Ukrainian. Probably Far East site, no sign of Tirana/Peking (Hauser)
- 9785 BELGIUM; Use abandoned by Belgium for now, no official explanation as to why, 9785 was good channel since vacated by IBA(now exclusively on 9815) (Magne)
- 9810 USSR Moskva Radio; 0302 beginning RR nx late (Hauser)
- 9815 ISRAEL IBA; 2000 EE nx (Zilmer)
- 9840 AZERBAIJANIAN SSR R. Baku; 1530-1600 AA nx, AA mx. Fair-poor (Mayer)
- 9915 ENGLAND BBC; 2200-2244* EE, next best thing to hearing broadcast from Falklands is one to them. Sunday only, reception only slightly better than FIBS here, however // 12040 not audible at all (Hauser)
- 9915 MALAYSIA BBC; 1435-1443 Hindi, nx by OM (Earhart)
- 9920 CHINA R. Peking; 1310 YL in CC related lang, mentioned Bukharin (Robins)
- 10530 KAZAKH SSR R. Alma Ata; 1700 RR, ID "Govorit Alma Ata" then radio journal px (Salmaniw)

Jeff BOWLSBY, Vancouver, B. C., Canada (SP600)... Charles H. BRUNNER, Jr., Salford PA (D7000Y)... Darrell R. BUXTON, Aboard USS Enterprise, somewhere in the South Pacific... J. COLE, Denver, CO (SX190/SW4A)... Hadley D. CRESS, Harrisonburg, VA (SX190/R4C)... Bill DAVIS, Laguna Niguel, CA (Homebrew)... Kenneth A. EARHART, Allentown, PA (DX150A/SX190)... Charles GEORGE, Dallas, TX (Star Roamer II)... Mike HARDESTER, San Diego, CA (XCR-30)... Glenn HAUSER, Enid, OK (HQ160)... George HERAGHTY, Ronkonkoma, NY... Agnes Mae HERBOLD, Lynwood, CA (SX190)... Gladys KELLER, Hinsdale, NY (DX150)... Jerry A. LINEBACK, St. Joseph, IL (SPR4/XCR-30)... Brandon LOVETT, Coldwater, OH (DX150A)... Lowell MASTERTON, Tell City, IN (HA 225)... Lawrence E. MAGNE, Philadelphia, PA (R4B)... Alan MAYER, Park Forest, IL (SB-310/DX150B/NC 173)... Jim MEEHAN, Berkeley, CA (SX190)... Albert A. MILLER, Jr., Youngstown, OH (HRO-500)... Carroll R. PATERSON, Decatur, GA (SX99) Jeffery POWERS, Vinco, PA (DX150B)... Andrew ROBINS, Kalamazoo, MI (SX190/SP600) Richard A. SCHWARTZ, Dover, DE (SX190/S-108/BC221AK)... Myron SMITH, Spencerport, NY (NC-188)... Todd SMITH, Wilton, CT (GR64)... Doug SNYDER, San Jose, CA (SPR4)... Pat TOBIN, McDonald, PA (DX160)... Douglas E. WICKS, Vinco, PA (DX150B)... Michael WILLIS, Hampton, Victoria, Australia (Trio 9R59DE)... Charles A. WOOTTEN, Bethesda, MD (Zenith Transoceanic/SRR-13/R-390)... Robert ZILMER, Milwaukee, WI (SPR4)

o o o (MRL 12/23/74)

LOG REPORT Section C

11601 kHz up. Editor: Jerry A. Lineback
P.O. Box 325
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Deadline: 15 January 1975

- 11620 INDIA AIR; 1301-1310 CC, tlk in Cantonese, mx, px to China, fair (Earhart 11-14)
- 11643 ISRAEL IBA; 1500-2000 and other times with HH HS relay, adjusted from 11645 in late November, is Earharts unid of Dec. LR, weak to fair (Magne)
- 11690 USSR Far East R Yerevan; 0320-0325 Armenian and EE, tlk, mx, RM *0330 EE to WCNA, poor (Salminiw 11-21)
- 11705 SWEDEN RS; 1400 EE, Sat. Show to S Asia, //17710, poor (Zilmer 11-30)
- 11710 ARGENTINA RAE; 2330-2345 EE, economic tlks, local folk mx, fair (Earhart, A. Smith)
- 11710 NEW CALEDONIA R Noumea ORTF; 0620, US pops, FF tlk, fair (Snyder 11-26)
- 11715 ALGERIA RTVA; 2320-2330 AA, chants and plain Arabic music, variable strength, slop from RAE, poor-fair (Earhart 11-20)
- 11725 JAPAN NHK; 0043-0045*, EE nx, very good (Wicks)
- 11725 SRI LANKA SLBC; 0030-0105 EE, US rock and pops, EE overseas service, Rel px at 0100, fair (Price 11-2); 1510 EE, US pops, ID as R Ceylon, fair (Miller 11-28); 1330 EE, medical report, radio ministry, fair (Zilmer 11-30)
- 11725 CUBA RHC; 0305 EE to S & C America, //11930 to NA, good (Salminiw 11-24)
- 11730 USSR Far East; *0000-0500 f/out, CC, strong until about 0300, (B. Davis)
- 11740 USA OAS Bethany; 0130* EE, px sched in EE/SS/PP/FF *2345-0130*, (Brunner)
- 11740t SRI LANKA VoA; 0209 EE nx, listed, Bethany off 0200, poor-fair (Salminiw 11-3)
- 11740 VATICAN VR; 0630-1100 Sunday Mass, goes from LP to SP, (Willis-Australia 11-10)
- 11740NF SEYCHELLES FEBa; 1755-1803* EE, DX nx, Talking point, poor under VR (Zilmer 12-4); 1801* EE s/off, hymn IS over Eu bcaster, fair (Magne)
- 11740 AUSTRALIA RA; 1200 EE, nx, to Papua/NG, poor (Zilmer 12-2)
- 11765 AUSTRALIA RA; 0820-0830 EE, instrumental pops, male anncr, fair (Earhart 11-26)
- 11765 BRAZIL R Tupi; 0045 PP, tlk, fair (Zilmer 11-29)
- 11775NF GERMANY (FR) DW; 0610-0630* EE to Africa, (Willis-Australia 11-24)
- 11775 SWITZERLAND SBC; 1315 EE, nx to far east, //15430, fair (Zilmer 12-7)
- 11780 NEW ZEALAND RNZ; *0800-1045* EE to Australia and NZ, (Willis-Australia 11-16); 0535-0605 EE, instrumentals and vocals, fair-poor (Earhart 11-21); 1010 EE, pops, poor (Zilmer 11-23). Programs now 1 hour earlier due to local summer time.
- 11780 PHILIPPINES VoA; 2245 EE, pops to NE Asia, poor (Zilmer 12-3)
- 11785 BRAZIL R Guaiba; 0000 PP, tlk by 2 men, fair (Zilmer 12-2)
- 11790 JAVA INDONESIA , VoI; 1130-1200* EE, nx, easy listening western mx, IDs, poor, (Wootten 11-7)
- 11800 UNID; 0315-0335 Lang, 4 bagpipe selections in a row, man w/unreadable anmt, very poor (Lineback 11-24)
- 11800NF ETHIOPIA ETLF; *0530-0610* EE to Africa, ex 11865, good (Willis-Australia 11-9)
- 11800 SRI LANKA SLBC; 1717-1723 Hindi, sub-cont mx, fair w/flutter, (Snyder 11-28)
- 11805 BRAZIL R Globo; 2355, 0005, PP, mx, tlk, ID, fair-good (Zilmer 12-2, Wicks)
- 11805 USA WYFR; 1725-1735 EE, rel px, over VoA; poor (Snyder 11-28). VoA not sched.
- 11805 BELGIUM RTB; 1540 IS, *1545 FF, to Africa, uses drum IS for African svce, fair (Snyder 12-7)
- 11810 CHILE VoC; 0950-1030 II/FF/EE, nx, cmntry, fair (Zilmer 11-23); 0940-1000 II, blocked by RA at 1000, (Willis-Australia 11-29)
- 11810 INDIA AIR; *1330 EE, nx, QRM from USSR, poor (Zilmer 11-28) ²³
- 11810 JORDAN R Amman; 2110-2130 AA tlks, mx, over DW IS, fading, good-fair (Lineback 11-/
11814 JORDAN R Amman; AA ID, //7155, drifting from 11810, (Willis-Australia 11-11).
No time given.
- 11820 ASCENSION IS BBC; 0155, 0330-0335 SS, tlks, ID, mx, good (Wootten 12-2, Trautschold 12-1)
- 11835 HAITI R4VEH; 1143-1200 Rel px, bulletin board, songs, very good (Price 11-20); 0300-0315 SS and or PP, 3 stations QRMing each other, IDs at 0300 believe hrd for 4VEH and R El Espectador, choir mx on 4VEH, all poor (Trautschold 12-1)
- 11835 USSR RP&P; *1330-1345 EE, ID, male announcer, fair-good (Powers)
- 11845 USSR Asia? RM; 1230-1245 lang, IS, tlks, EE ID, Asian mx, fair-poor (Earhart 11-10)
- 11845t MALTA DW; 1735-1742 EE, nx, M&W tlk, LP reception, fair (Snyder 11-28)
- 11845 GERMANY (FR) DW; 1730 EE, nx, cmntry to Africa, fair (Zilmer 12-4). Both same?
- 11855 SAUDI ARABIA BKSA Jeddah; 0610 FF nx, R. Liberty and jammer now moved, (Willis-Australia 11-5)
- 11855 CANADA CBC No.Svce; 2200 EE, nx, mx, good (Zilmer 11-30)
- 11855 UNID (Brazil?); 0225-0245 PP or SS, unreadable ID, tlk, soft piano mx, poor (Trautschold 12-1)
- 11865 CANADA RCI; 1843 EE, DX club, off at 1857, good (Miller 12-7). Has previously been reported as Malta relay-ed.
- 11865v ZAIRE R Lubumbashi; 2040-2105* FF, tlks, fair-good (Powers)
- 11870 USSR Far East Site; *0200-0500 f/o, CC, not as strong as 11730, (B. Davis)
- 11880 TURKEY VoT; 1920-1930 TT, mx px w/YW, poor (Snyder 11-21); 2300 EE, nx, cmntry, mx, fair (Zilmer 11-29).

- 11880 MEXICO R Tricolor; 0221 SS, ID, OM w/tlk, vocal mx, fair-poor (Trautschold 12-1)
- 11885NF PAKISTAN R Pakistan; 1020, night service, //15325, (Willis-Australia 11-11)
- 11895 SENEGAL RS Dakar; 2115-2123*? FF, Afro mx, ID at 2117, nx? in FF, then abrupt off, and still off 10 min later, fair (Cress 11-27)
- 11900 S AFRICA RSA; 2100, 2245 EE, 0615 EE, nx, tlks, ID, rock mx, anti-UN statements, trans-equatorial wow, //9695, poor-excellent, (Schwartz 11-17, Snyder 11-26, Miller 11-17)
- 11915 ECUADOR HCJB; 0137 EE, amts, mx, fair-good (T. Smith 11-9)
- 11920 IVORY COAST RTVI; 2110-2120 FF, cmntry, ID, fair (Schwartz 11-17)
- 11925t S KOREA R Korea; 1245-1317 KK, oriental tinkling mx, bells at 1259, then M&W tlc, QRM by DW? at 1303, then more oriental and march mx, fair-poor (Earhart 11-14)
- 11925 BRAZIL R Bandeirantes; 0207-0215 PP, sports bcst, fair (Trautschold 12-1)
- 11925 USSR R Tashkent; 1359 EE ID, nx, fair (Miller 11-17); 1218-1230 EE, tlks, ID then into RR at 1228, poor (Earhart 11-28)
- 11930 CUBA RHC; 0203-0210 EE, essay contest info, ID, mx, good (Trautschold 12-1)
- 11930NF BELGIUM RTB; 1620-1650 lang, IS at 1645, fair (Snyder 12-7)
- 11930NF AUSTRALIA RA; 2100 EE px to SEA, fair (Wicks)
- 11935 BRAZIL RC Paranaense; 0000, 0020 PP, tlc, ID, electronic tones, poor-fair, (Zilmer 11-22, Wicks)
- 11940 LIBERIA ELWA; 2100-2103*, EE nx, poor-fair (Wicks)
- 11940 KUWAIT RK; 1330-1341 AA, chants, under Romania till 1330 then strong, VoA splash, fair (Earhart 11-18)
- 11940 SINGAPORE R Singapore; 0500-0600 EE, most unusual for Australia, (Willis 11-17)
- 11945 CHINA RP; 0005-0157* EE, propaganda, nx, lbx, CC mx, IDs, strong, but sometimes with flutter, (Coley, Cress 11-28, Trautschold 12-1, Brunner, Salminiw 11-26)
- 11950 BRAZIL R Min Educacao; 0130, PP, tent ID, classical mx, poor (Trautschold 12-1)
- 11950 USSR RP&P; 1350-1358 EE, political tlc, electric organ mx, ID, request for letters, then into RM IS, poor (Earhart 11-18)
- 11950 LIBERIA ELWA; 2055-2101* EE, mx, ID as External Service of R S ELWA, vibraharp IS then off, good (Cress 11-20) 12-7)
- 11955NF NETH ANT RN; 1610-1650* AA, tlc, chants, ID and address at s/off, fair (Snyder / 12-7)
- 11958 GUINEA RD Nat Guinea; 1651 verns, YW singing w/drums, fair (Snyder / 12-7)
- 11960RF ISRAEL IBA; 1830 HH FS mixing with RHC SS px, reactivated 3 Nov, //12025, poor (Magne)
- 11965 GUINEA RD Nat Guinea; 0630 FF, (Willis-Australia 11-19) 12-1)
- 11965 BRAZIL R Record; 0120-0125 PP, mx, tlc, ID, jingles, nx, fair-poor (Trautschold / 12-1)
- 11970 CUBA RHC; 0115-0020 SS, nx, cmntry by man, good (Trautschold 12-1)
- 11970NF AUSTRALIA RA; *0100 EE nx under HCJB, poor (Zilmer); *0429-0435 FF, pops, fair (Snyder 12-6); 0512-0535 FF, tlks, jokes, reverberation, ID, mx, (Earhart 11-23)
- 11980 USSR RP&P?; 0105-0115 nx, cmntry, heavy QRM, (Trautschold 12-1)
- 11990 CZECHOSLOVAKIA RP; 1535-1540, Afro-Asian svce, nx by W, poor-fair (Powers)
- 12012h COSTA RICA R Relog; 2318 LA mx, 2X 6006, fund buried in QRM, (Salminiw 11-26)
- 12025 ISRAEL IBA; 2000 EE, nx, poor, //9815, (Zilmer 12-4); 2238-2245* FF, all tlc, W anncer, good (Earhart 11-18)
- 12025vs PORTUGAL R Nac HS; 1500-2130 PP, HS relay noted grossly overmodulated on this and several nearby channels (spurs due to over modulation) 11970, 12005v, 12045v, 12080v, IDs, messing up this part of 25m band, presume 11925 or 11840 tx acting up and drifting (Magne)
- 12050 USSR RP; 2300 EE, nx, fair (Zilmer 11-29)
- 12120 CHINA RA; *0000-0440 f/o, CC HS, //11290, program 1, (B. Davis)
- 12175 ICELAND Reykjavik R; 1135-1145 EE, test tx, poor (Powers)
- 12190h USA AFRTS Delano; 1557-1630* EE, Washington Window, 2x6095, no mention of PTP, better than fund, (Hauser 11-24) (Robins 11-30)
- 15080 INDIA AIR Bombay; 1810 EE nx by YW, into cmntry by M, to East Africa, poor-fair/
- 15097.5 ISRAEL IBA; Adjustment from 15100, 1600-2245*, weak, but usually clear, some hets from RP, (Magne) 11-5)
- 15105 JAPAN NHK; 2300 EE, *0100-0130* EE, nx, cmntry, fair-poor (Zilmer 11-29, Wootten/
- 15110 MEXICO R Fiesta; Name Change, same programing, 2030-0050*, 1555, SS mx, (many) See 11880, did both freqs change name?, recently silent.
- 15110NF MALAGASY REP RN; *1230 DD, replaces 15195, good (Willis-Australia 11-15)
- 15125NF LIBERIA UNR; 0745 EE, (Willis-Australia 11-20)
- 15125 TAIWAN BCC; 2200-2230 JJ, //17720 G, 11860 F-G, good (Salminiw 11-2)
- 15130 SPAIN RNE; "Buenos Dias America" SS, lite ms, nx, more lite mx, (d'Adolf 11-22)
- 15135 BRAZIL R Record; 2259 PP, ID, freq, ads, tlc, mx, fair (Zilmer 11-23)
- 15150 CHILE VoC; 2210-2230, 0035 EE, 0345-0355 GG, 0110 SS, nx, anti-communist cmntry, fair-good (Brunner, Wootten, Zilmer, Salmaniw, Cole, Price, Hauser)
- 15155 S AFRICA RSA *2230-2245 EE to NA, nx, mx, good (Price 11-19)
- 15160NF SEYCHELLES FEBA; *0600-0830*, replaces 15240, EE, good (Willis-Australia)
- 15160 FRANCE ORTF; 1620 FF, //15155, not spur but weaker. is //15120, 15300, 17720, 17730, 17765, (Magne). Tx 5kHz apart may enhance reception on radios with low selectivity. ORTF has been noted doing this. -ed.
- 15165 DENMARK RD; 1728 IS, EE/Danish ID, Danish px to Greenland, good (Salmaniw 11-2)
- 15170 TAHITI RT; 1900 EE, wx, nx, 1907 FF, 2300-2330 FF, 0130 FF, 0320 FF, pops, teleph-one call in, ID, amts, poor-good (Meehan, Wootten, Zilmer, Salmaniw)
- 15170 LIBERIA ELWA; 2000 IS, AA ID, very good (Salmaniw 11-22)

- 15170 USSR RM; 1300 EE, nx, poor (Zilmer 12-8)
- 15180 USSR Far East Site, R Kiev; 2232 Ukrainian, fair (Salmaniw 11-26)
- 15185 FINLAND RF; 1400-1430 EE, tlc, songs from Eurovision contest, ID, nx, cmntry, for NA, good (Miller 11-30, Levy 11-17, Schwartz 12-7) (Hauser 12-8)
- 15185 MALAGASY REP RN; 1820*, DD, ex 17750, 30 sec diff from same px on 21635-Bonaire, /
- 15188 INTRUDERS INTO SWBC BANDS; Discovered 2-way US military operators heting Brazza-ville, no IDs or locations, these are intentional, similar tx in 19, 25, and 31m, (Hauser 11-27). Your editor has also noted these in several bands, sometimes over good DX. Complain to your friendly Washington Bureaucrat.
- 15190 CONGO RTVC; 1940-2000 FF, ID, Disc. of Palestinian situation, fair (Schwartz 11-23)
- 15195 JAPAN NHK; 2301 EE, heavy long path echo, difference 12900 mi so echo is 0.07 sec late, (Hauser 12-3)
- 15200 AUSTRIA ORF; 2205 EE, ID, nx, fair (Schwartz 11-1) 11-3)
- 15210 PHILIPPINES VoA; 0008 EE nx, //15205 (Delano) that slops onto 15210, (Salmaniw /
- 15220 S AFRICA RSA; 1300 EE, nx to C & E Africa, //21535, 11900, fair (Zilmer 11-30)
- 15225t TUNISIA RTVT; 1850-1905 AA?, ME string mx, ID not understood, NF?, nx by M&W, (Earhart 11-19)
- 15235 JAPAN NHK; 0140 EE, cmntry, to NA, fair-good (Robins)
- 15245 ZAIRE Kinshasa; 1840-1900 FF, ID, nx, on 11-17, 1945-2000 vorns, drums, on 11-13 (Schwartz); 0000-0100 FF, 2000-2110 FF, amnts, tlc, mx, 0147 local rytms, FF, fair-good (Willis-Australia 11-4, A. Smith 11-24, Wootten 12-2)
- 15250NF? AUSTRALIA RA; 1330-1400, very good (Heraghty 11-16)
- 15250 USA VoA; 1640, to Europe, heavy QRM, (Heraghty 11-28). VoA not listed this time.
- 15250 ROMANIA RB; 1300 EE, nx, poor (Zilmer 11-24)
- 15255NF GERMANY (DR) RBI; *1200-1245* EE, ex 15320, (Willis-Australia 11-5)
- 15260NF HOLLAND RN Lopik; 1100 DD, //15320 (Willis-Australia 11-6); 1400 EE, nx spotlight to S Asia, fair (Zilmer 12-7)
- 15260 ASCENSION IS BBC; 2030, DX nx, (Cole)
- 15260 JAPAN FEN; 0500-0600 EE, daily, 10kw, (Willis-Australia 11-19) 11-18)
- 15270 JAPAN NHK; 0009-0045* EE, JJ/EE lang lesson, DX px, poor-good (Wootten 11-6, Levy/
- 15270NF GERMANY (DR) RBI; 0615* AA, possibly replaces 9500, (Willis-Australia 11-18)
- 15273 URUGUAY SODRE; 2221-2230 SS vocals, QRM, fade until 2300 then improves to 0000, poor-good (Salmaniw 11-26); UNID SS sta here weakly from 0130-0200, Uruguay?, (Willis-Australia 11-6)
- 15275 UNID; 0000 SS or PP, sports event, no ID, very poor (Zilmer 12-2). Above?
- 15285 SRI LANKA VoA; 1535 EE, Press Conf. USA, good (Levy 11-30) (Zilmer 12-2)
- 15290 ARGENTINA R El Mundo; 0030 SS, rapid tlc and cheering, sports or parade, fair, /
- 15305NF ECUADOR HCJB; 1720-1732 RR, rel px, EE ID and EE px at 1730, over SBC and poor, (Snyder 12-7)
- 15310 MOROCCO? VoA; EE rock mx, GG tlc by YW, some het, (Heraghty). Time please.
- 15315 LIBERIA VoA; 1732 FF, LP echo, (Hauser 11-13). Not sched till 1800-ed.
- 15320 AUSTRALIA RA; 0109-0120 EE, mx, lbc, anncd stopping use of US times, GMT only, good (Brunner)
- 15365 ETHIOPIA ETLF; 1938 FF, rel mx and tlc, poor (Miller 11-17)
- 15375 USSR Vladivostok; *0200-0400 f/o, CC svce to far east, strong at beginning, (Davis)
- 15390 VENEZUELA R Nac; 2200-2245 EE to N & C Am. nx, cmntry, LA mx, features, fair-good (Price 11-26, Zilmer 11-27)
- 15400 AUSTRALIA RA; 0551 EE, pops, //15160, poor (Meehan 12-5)
- 15410 USA Greenville UNR; 1600-1645 President of Lebanon Speech at UN assembly, EE/FF, IDs, (Cole); 2052-2130 EE, Palestine debate, excellent (Brunner)
- 15415 HOLLAND RN Lopik; 1358 EE, IS, NA, ID, nx, fair (Miller 11-16); 1400 EE, DX Jbox to S Asia, poor (Zilmer 11-28)
- 15415 KUWAIT RK; 1729-1732 EE, ID, TC, nx in EE, good, not hrd daily as previously, (Salmaniw 11-2, Cress 12-1)
- 15425 AUSTRALIA VLW15 Perth; 2235 EE, mx, nx, fair (Wootten 11-4)
- 15425NF GERMANY (FR) DW; 1000 GG, all GG pxs rearranged, (Willis-Australia 11-10)
- 15430NF JAPAN NHK; 0645 II to Eu., (Willis-Australia 11-5)
- 15430 SWITZERLAND SBC; 1315 EE, nx, fair (Zilmer 12-8)
- 15430 SRI LANKA SLEP; 0132 EE px summary, ex 15425 one day then returned to that freq., 15430 is an India channel, (Willis-Australia 11-5)
- 15430 USA AFRTS Bethany; 1925-1940 EE, pro football, excellent (Brunner)
- 15435 TANZANIA R Tanzania; 1755-1821 EE/Swahili, tlc by W, march and orchestra mx, tlc in Swahili, VoA slop, poor (Earhart 11-25)
- 15435 MALAYSIA BBC; 2315 EE, World Radio Club, poor (Zilmer 11-29)
- 15440 PHILIPPINES FEBC; 2330 EE, nx, cmntry, rel tlc, poor (Cole, Zilmer 11-29)
- 15475 USA AFRTS; 1435-1500 EE, nx, sports, good, (Heraghty 11-24). Not listed.
- 15520 PAKISTAN R Pakistan; 1300 EE nx, poor (Zilmer 11-30)
- 15620v N KOREA R Pyongyang; 2200 KK, IS, ID, 2250* w/NA, good (Salmaniw 11-20)
- 15630v N KOREA R Pyongyang; 2300 IS, ID, EE to SEA, 0000* w/NA, fair-good (Salmaniw 11-19)
- 17700NF AUSTRALIA RA (Lyndhurst?); 0659 EE, Cricket, (Willis-Australia 11-30)
- 17705 USSR RM HS Vladivostok; *0659 w/local ID, then tape of RM HS px, (Willis-A 11-11)
- 17708.3 ECUADOR HCJB; 1850 EE ID, tough copy between VoA and RHC, straying from 17705, (Hauser 11-24)
- 17710 UNID; to 0630*, then on again till 0658*, //15200, strong tx, playing brass band marches, tests again at 1200 on 15200, irr. no amnts, (Willis-Australia 11-11)

- 17730 MALAGASY REP RTM; 1527 EE, BBC world report, 1529 IS and ID as Radio Madagascar International Svc, TC, nx, mx, 1558 goodbyes, NA, fair (Hauser 12-8); 1600* FF amnt, NA and several bars of IS, fair-good over ORTF (Robins)
- 17740NF GERMANY (DR) RBI; *0645-0730* EE, replaces 17700, (Willis-Australia 11-30)
- 17750NF PAKISTAN R Pakistan; 0610, //17830, QRM from Cairo, (Willis-Australia 11-17)
- 17755NF SAUDI ARABIA BSKSA Riyadh; 1106 AA, replaces 17860, (Willis-Australia 11-28)
- 17755NF ROMANIA RB; *0645-0715* EE, replaces 17850, (Willis-Australia 11-30)
- 17775NF USA WINB; 1713 EE, rel tlk, mx request px, ID, fair (Miller 11-30)
- 17780 S AFRICA RSA; 1500 EE, nx, 1555-1615 IS w/IDs, poor-fair (Zilmer 12-7, Powers)
- 17795 NORWAY RN; 1400 EE, nx, fair (Zilmer 12-8)
- 17795 AUSTRALIA RA; 0224-0235 EE, tlk on culture, nx, unusually good (Brunner)
- 17800NF GERMANY (FR) DW; *0930 EE to Australia-NZ, (Willis-Australia 11-16)
- 17810 PHILIPPINES FEBC; 0043 EE, "Morning Coffee" px, rel px, drop in strength at 0100, poor (Meehan 11-17)
- 17810 HOLLAND RN; 1500 EE, Whats new px, fair (Zilmer 12-7) 11-12)
- 17810 NETH ANT RN; 1835-1845 FF, tlk, songs, orchestra mx, to C Africa, good (Earhart/
- 17815 BRAZIL R Cultura de Sao Paulo; 0100-0300, PP, ID at 0200, classical mx, (Willis-Australia 11-7)
- 17820 USSR RM; 1300 EE, nx roundup, fair (Zilmer 11-23)
- 17830 GERMANY (FR) DW; 1400 GG, nx, mx, strong, (Heraghty 11-23)
- 17830 SWITZERLAND SBC; 1315 EE, nx, //9535 poor, fair (Zilmer 12-8)
- 17865NF? USA WYFR; 1335 EE, fair (Heraghty 11-23)
- 17875 GERMANY (FR) DW; 1230* EE, nx, to Africa, strong (Heraghty 11-23)
- 17880NF GERMANY (DR) RBI; *1200-1245* EE to Aust-NZ, ex 17700, (Willis-Australia 11-5)
- 17885 CYPRUS BBC; 1400 EE, nx, poor (Zilmer 12-4)
- 17885NF LIBERIA UNR Monrovia; *0745 Swahili and EE, (Willis-Australia 11-20)
- 17890 TAIWAN VoFC; *0203 EE, poor (Meehan 12-4)
- 17920 EGYPT R Cairo; 1405 EE, local nx, background mx, fair (Zilmer 12-4)
- 21460 BELGIUM RTB; 1430 DD, tlk, //21475 poor, poor (Zilmer 12-4)
- 21475 BELGIUM RTB; 1640 FF, switched langs with 21460 on Sundays, (Hauser)
- 21485 USA VoA Bethany; 1531 EE, nx, mx, fair-good (T. Smith 11-20)
- 21495 PORTUGAL RP; 1755-1810 EE, music then nx, fair (Earhart 11-8)
- 21500NF GERMANY (FR) DW; *1115 Swahili, (Willis-Australia 11-5)
- 21520 S AFRICA RSA; cf Dec LR, my monitoring shows RSA always on 21535 after 1230, (Hauser)
- 21530 USA WYFR; 1500* Sundays only, EE to Afr from 1330, (Hauser)
- 21535 S AFRICA R RSA; 1312 EE sports nx, fair (Zilmer 11-30); 1550-1552* IS, good (Powers)
- 21560D LIBERIA VoA; dropped by 11-24 eliminating conflict with RAI and RTVA, (Hauser)
- 21570NF ENGLAND BBC; 1000 EE, unlisted, (Willis-Australia 11-16)
- 21580 FRANCE ORTF; 1401 FF, no nx due to journalist strike, mx instead (Hauser 11-27)
- 21586 UNID; 1545 1 kHz het on SBC (21585) hrd till 1730, not Algeria, (Hauser 12-5)
- 21595 FINLAND RF; *1000-1100* Finnish and Swedish, good w/1kw, (Willis-Australia 11-6)
- 21595t ALGERIA RTVA; 1730-1825f/o, probably RTVA jumper causing low het on VoA, (Hauser)
- 21605 FINLAND RF; Norway reported in Dec LR should be Finland at 1400, (Zilmer, Hauser)
- 21610 LIBERIA VoA PTP tx; formerly on 21607, relays Greenville to Eu, FF 1706, another VoA tx with carrier and tone on same freq, (Dixon which doesn't program till 2218, (Hauser)
- 21615 ALGERIA RTVA; 1600-1640 AA, another jump from 21565, (Hauser 11-17, 18, 30, 12-1, 3)
- 21620 FRANCE ORTF; 1535 EE, nx, cmntry, //21580, fair (Zilmer 12-4); 1810-1825 FF, tlk by 2 men w/mx interludes, // 21675, (Earhart 11-8)
- 21635 NETH ANT RN; *1700-1820* DD, nx, sports, mx, Tx trouble on 11-16/17, fair, (Hauser 11-16/17, Earhart 11-12)
- 21650 MALTA DW; 1350* local EE ID at conclusion of Indon px, (Hauser 11-26)
- 21670NF NORWAY RN; *1100-1230*, replaces 21730, 10kw, (Willis-Australia 11-11)
- 21680 UNID; 1305-1415*, tone only, suspect TWR Swaziland test, (Hauser 11-12)
- 21695 ITALY RAI; 1429 II sports nx, usually off at 1535, (Hauser 12-1)
- 21700 PORTUGAL RP; 1830-1845 PP, beautiful orchestra mx, some female vocals, possibly beamed to Africa, not in // 21495, fair (Earhart)
- 21730 ASCENSION IS (tent) VoA; presumed unlisted VoA Ascension, 1252-1359* SS, replaces 15195 which was Ascension, possible s/on at 1130, (Hauser 12-3)

Thanks this month to: Steve d'ADOLF, El Paso TX; Charles BRUNNER, Jr., Salford PA, D7000Y; J. COLE, Denver CO, SWAA; Hadley D. CRESS, Harrisonburg VA, R4C; Bill DAVIS, Laguna Niguel CA, Homebrew; Kenneth EARTHART, Allentown PA, SX190, DX150; Glenn HAUSER, Enid OK, HQ160; George HERAGHTY, Ronkonkoma NY; Brian LEVY, Atlanta GA, DX160; Jerry LINEBACK, St. Joseph IL, SPR4; Larry MAGNE, Philadelphia PA, R4B; Jim MEEHAN, Berkeley CA; Al MILLER, Jr., Youngstown OH, HRO500; Jeffrey POWERS, Mineral Point PA, DX150B; Bryan PRICE, Lexington KY; Andrew ROBINS, Kalamazoo MI, SX190; Walter SALMANIW, West Hill ONT; Richard SCHWARTZ, Dover DE, SX190; Arthur SMITH, Wilsonville AL, BC342N; Todd SMITH, Wilton CN; Doug SNYDER, San Jose, CA; John TRAUTSCHOLD, Menomonee Falls WI; Douglas WICKS, Mineral Point PA, DX150B; Michael WILLIS, Hampton VI, Australia, Trio 9R59De; Charles WOOTTEN, Bethesda MD, R390; Robert ZILMER, Milwaukee WI, SPR4.

By the time you read this, the Christmas-New Years DX sessions will be over. As I write this, the solar cycle is peaking and will have reached a maximum about 20 December. A minor geomagnetic storm began on the 18th, but the geomagnetic field should have quieted down after the cycle reached its peak. Minor recurring geomagnetic disturbances should have begun about Christmas day with possible enhanced openings to the south. The next solar activity peak will be about 15 January. The recurring geomagnetic disturbances should begin about 22 January. General geomagnetic quiet may occur 10-20 January.

New information has been added to the WWV propagation forecast broadcast at 14 minutes past the hour. In addition to the usual information on propagation conditions and forecasts, they now give K index values and also 2800 MHz solar flux measurements.

The K index is an international standard measure of solar corpuscular radiation based on the intensity of geomagnetic activity caused by electric currents produced in the ionosphere by such radiation. The K index is a 3 hour index designed to average readings of the magnetic field's activity over the 3 hour observation period. The range of values for K is from 0-9. I presume the measurements are taken at Fredericksburg MD. Normal geomagnetic activity varies with the time of day, being greatest during daylight hours at the observing station. Superimposed on these values are increased activity due to sunspots and solar flares. The K index reading will give a good indication of current geomagnetic conditions. However, the small range of values (0-9) is not great enough to give a meaningful 24 hour average. Hence the A index. The A index (given over WWV for the previous day at 18 past the hour) is a daily index of geomagnetic activity and has a range of 0-400. The daily A index value is derived from the average of 8 three hour values. Their relation to the K values is given below:

K	0	1	2	3	4	5	6	7	8	9
A	0	3	7	15	27	48	80	140	240	400.

The A values represent the center point of a range of values equivalent to each class of K. Since the range of A values corresponding to each K value increases with increasing K, a more meaningful daily average can be computed using the A index.

I suggest we all thank the Office of Telecommunications for this additional information broadcast over WWV.

We are in a period of low solar activity during the declining part of a sunspot cycle. The present cycle should reach a minimum during 1975. These periods are characterized by 27 day recurrent geomagnetic storms. The solar circumstances that lead to the onset and cessation of these storms are not well understood. Infact, while there is a general cause-effect relationship evident between solar storms and flares and geomagnetic storms on earth, many examples are known where major geomagnetic disturbances, such as the major storm on 5-7 October 1960, have no prior obvious solar cause and are not part of the 27 day cycle. Conversely, major solar flares or sunspots have moved across the solar disc with no apparent effect at the earth.

There are many problems relating to the prediction of ionospheric conditions affecting SW propagation that are not well understood. The phenomenon of radiowave propagation in the ionosphere is composed of many complex variables that make hard and fast correlations between cause and effect of SW DX reception impossible. The best we can do at the present is make some generalizations based on observations. To help the DXer and SWL better understand the factors affecting SW propagation, I plan to prepare a series of articles on SW propagation for FRENDX. The first of these, on the ionosphere, is in the hands of the SWC editor and I hope will be appearing soon. I will continue to make monthly observations and predictions on solar-terrestrial conditions affecting SW radio propagation.

We were a little short of reports this month, so I am able to make the above comments. Thanks to everyone who participated in Log Report this month.

Remember; keep DX alive in 75.

73 to all

Jerry A. Lineback