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North American Short Wave Association

Membership Certificate

This is to certify that _____
in this organization and that he / she agrees to take an active part in upholding the
motto of "Unity and Friendship" in all ways possible.

CHARLES J. AUBREYBOOKER

is granted membership

Signed *M. L. Pauland* Executive Officer

2nd Year

3rd Year



**N^{AS}
W A**

North American SW Association

OCTOBER 1975

P.O. Box 13
Liberty IN 47353

THE LOUDENBOOMER REPORT

What I have to report may be shocking to some -- but I feel it my duty to make these facts known. The weak-hearted DXer is thus warned to read no further...Ok, are the chickens gone? Let's proceed.

This is but another Loudenboomer expose, but like none of its predecessors, once and for all it casts an eye behind the shortwave scenes and spares no blows.

My Hammarcrafter 49 was acting up the other night (Radio Colosal was anything but that, and Radio Sparks was all over the band) so I pulled out the screwdriver and once again dove into the rig's innards. Now, mind you, I've suffered more a season with the rx "down", thanks to my constructive tinkering which turned out to be destructive. But this time I hit on the proper method.

You've seen how TV stations use sophisticated oscilloscope gadgetry to monitor their gear...well, I just happened to have a Neatkit cheapie scope on hand (for measuring sub-audible hausmonics), and for a lark, connected it to the rx's auxiliary output. Didn't seem to do much and, to be honest about it, the receiver actually blared back into action only after I accidentally dropped the hammer on the variable capacitor.

As a diagnostic tool, the scope bombed out. But as far as acting as an output receptacle, well...it was bombs away.

Imagine my chagrin as I sat there, the receiver just having sprung into action with the scope still attached--AND FINDING I COULD SEE THE ANNOUNCERS AS WELL AS HEAR THEM!

Yes, incredible.

The basso-voiced guy reading BBC news...a sniveling little dude in glasses. Really! It's true.

Checked out "Hizz 'n Her" on Radio Amperstam..and another illusion was shattered. The two are one..one fella who's mastered second-voice falsetto to a "t". I never would've guessed.

Well, by this time, my curiosity was starting to rampage.

I tried CBC, and the IS was just starting to chime. No massive carillon or bells...just an acne-ridden teenage girl striking one of those dime-store xylophones you buy for the kiddies...the station electronically amplified, reverberated and compensated for it. Hey this seeing it as "it really is" was getting to be a gas!

I started to get adventurous..why, the heck fool around with the big boys when all that exotic DX was awaiting me.

Spun up to 12175 kHz, Raision-schtick Radio. There sat the announcer in a small room, with a five-inch icicle hanging from his proboscis.

Down to 3360 kHz, Radio Chortle. I always thought that was a tiny operation.. but surprisingly, they maintain a staff of at least 4 men, from what I could see on the screen. One to announce, and the other three to swat flies!

When I tuned to Radio Superiosa da Caramba, I finally solved the long-standing mystery about why their signal fades out and blasts so frequently. There, in the corner of the room sat their generator: chomping hay, hee-hawing, and stubbornly being beaten into walking a circular path with pole attached to a military surplus generator.

You wouldn't believe the set-up at Vatican Radio if I told you. But I will, anyway. There was the announcer, sitting in the middle of a beautiful field of flowers. No mike, no transmitter, no nothing. Dunno how they work that, but...

It was even more fun tuning in on the open carriers of stations that hustling and bustling in preparation to take the air. On one, the hustle and bustle of station employes running back and forth looked like World War Three. One LA outlet featured the announcer and the proprietor slapping each other around with tamales. And there on the corner desk -- dang it -- sat a stack of reports. I could tell because on the screen it was simple to make out the Yommoamahamma motorbike I sent with the last report. Would you believe they were growing that green stuff out of the gas tank???

But the worst of all...and I mean worse..was when I got up the following morning and tried for Radio Wahini. Yep, wanted to see if the dollies looked anything like the Radio Wahini verie card. Well, they were bombing in that morning.

The announcer sat at the mike in a little grass hut, spinning old disks and blabbering away in some wild tongue. As I sat watching the screen, I noted that you could see out the window. Hmm. And the beach was in full view!

I started to drool a bit on the top of the rx.

It couldn't...yes, yes it was. There were the Wahini's! And, darn it, if I could just crank up the contrast...there. Good heavens, they don't have any... any clothes on their...

##7Sc((66666666

Somebody turned on an electric shaver. White specs filled the scope's screen, obliterating the entire picture.

I slammed my fist on the top of the rx.

Everything went dead.

I haven't been able to hook up the oscilloscope since because I bent the prongs on the plug. But, if anyone would like to donate a scope to a needy OM, well, you know where to send it!

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
OCTOBER, 1975

THANKS FOR A JOB WELL DONE, AL NIBLACK! Those who receive the mid month FlashSheet will already know that veteran Editor Al Niblack has retired as FS Editor almost a decade of dedicated service to NASWA. Our new Editor will be Ralph Perry, Libertyville, Illinois. Al has ask us to make the following statement on his behalf:

"I appreciate all the help and assistance that has been offered me during my career as NASWA FS Editor. I thank one and all for the material submitted and the kind words. I like to think that the NASWA FS was a good one." - A.R. Niblack

On behalf of the membership we take this opportunity to express our appreciation and wish him the best. After a rest, we hope Al might want to share his expertise with the club in another area which would not be so demanding as meeting a deadline every two weeks or so without fail.

Incoming Editor Perry will be looking forward to your support of his Flash Sheet endeavor beginning with this issue. Ralph is former Editor of PRENDX Short Wave Center and did an excellent job with that section, so we're glad to have him enlist for another tour.

"DXING ACCORDING TO NASWA" In the August issue of PRENDX, we mentioned a project underway by NASWA member Ed C. Shaw which involved a pamphlet some 48 to 60 pages in length which would cover a variety of subjects relating to the DX hobby and DXer as a NASWA member. Ed got so enthusiastic as he went along, and things got somewhat out of hand so that the final result is that it is no longer a pamphlet but a book of some 124 pages. It has all sorts of photos, diagrams, charts, sketches and the text deals with no less than thirty subjects of interest to all DXers regardless of what their experience may be.

The finished copy is here at HDQ and will be published in the very near future. It will be PRENDX size with a plastic comb binding. Unfortunately, the cost of publishing and mailing will make it necessary for a charge to be made for it, but the price will be held to a minimum. The November issue of PRENDX will give additional details as to price, availability, etc.

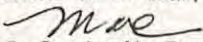
THANKS RADIO CANADA INTERNATIONAL: By now, the DX world is aware that as of November 2, 1975 the Radio Canada SW Club is being disbanded which also means that the club program and bulletin will disappear from the scene. It would be interesting to know just how many DXers were introduced to shortwave listening through the club program and bulletins. NASWA has certainly benefitted from the publicity given it by producer and co-host Ian McFarland during the eight years he has been connected with RCSWC. We appreciate all he has done, and we will miss RCSWC, it's program and bulletin. We wish Ian McFarland the best.

HAVE RECEIVER, WILL TRAVEL: Mike Hardester writes to say that he will be re-enlisting for another 4 years with the U.S. Navy and has a choice of duty stations. He asks for suggestions as to "ideal" DX locations anywhere in the world to assist him to determine his future QTH. Write Mike at P.O. Box 8174, San Diego, CA 92102 with your suggestions. (How about Ernie Behr's backyard - Hi MRL)

MEMBERSHIP CERTIFICATES: As promised in the last issue, the new NASWA membership certificates as shown on the front cover, are now available and are being mailed out within a few days after the order is received here at HDQ. Details on how to obtain them was covered in the September issue so we won't repeat it again.

VARIOUS ACKNOWLEDGEMENTS: The new front cover logo design is by Don Jensen, Kenosha, Wisconsin and Ralph Perry, Libertyville, Illinois. New section logos which will give a more uniform appearance will also soon be in use. We thank Bill Whitacre, Lansing, Michigan for his ANARC convention coverage and the photos that appear in this issue. Thanks to Greg Ravenhorst, Hollandale, Minnesota for typing a bunch of mailing labels for a new membership drive underway.

HELPING HAND: Wanted. Need manual for R-390A receiver. Will take original or Xerox copy. Write me and state terms. Ed C. Shaw, 311 Rosebud Lane, San Diego, CA 92114


M.R. Leonhardt, Executive Editor

SHORTWAVE CENTER

OCTOBER 1975

EDITOR: Jerry A. Lineback, Box 325, St. Joseph, Illinois 61873, U.S.A.

Timely material should be in my hands by the 10th of the month. Not all material submitted can be used. Please indicate if any material needs to be returned and include a SASE.

To Coax Or Not To Coax

The following article appeared in the February 1975 issue of the English ISWC MONITOR and was submitted by Ed Pyatt, Philadelphia, PA. The article is here retyped for clarity.

ANTENNA NOTES by D. C. Money

Over the years of dealing with S.W.L. enquiries it is amazing the number of people operating quite good receivers on what amounts to a fairly useless antenna, more or less expecting the receiver to perform miracles. Of course many people do not have the space or permission to do much in the antenna line; in fact 40/60 odd feet of wire seems about the best that most can achieve.

A common pitfall that people seem to fall into is what we call the "co-ax trap", that is to put up the best bit of wire they can and then either centre or end feed it with co-ax, plugged into an antenna tuning unit or straight into the receiver; this is then expected to work all bands. Of course it will give results on other than its resonant frequency, but they forget that the top length of such an antenna determines absolutely the resonant or operating frequency. Because of the co-ax feeder no amount of 'knob-twiddling' in the shack will change this; in one go they have transformed what could have been a good all round antenna into a one-band device.

A horizontal or vertical antenna fed in the centre with co-ax is very efficient when the 'top' length approaches a half wave length at the frequency used; it will also perform at its third harmonic. A vertical antenna fed at the end with co-ax is effective when its 'top' is a quarter wave long at the frequency used; again it is also effective at its third harmonic. All of this means that after struggling to get up the longest antenna that circumstances will allow, its throat is cut on all bands except one or possible two by feeding it with co-ax.

Forget co-ax unless you specialize in single band operation, get up the best 'top' you can and end feed the wire straight into an ATU, either a homebrew type or one of our preselectors; you could be amazed.

Some people fall into the co-ax trap because of noise, thinking it will cut man-made noise and of course a co-ax fed antenna can do this if it is put up high enough and the noise is airborne and not coming down the mains. But it must be better to suffer noise knowing that at least the antenna is efficient on all bands with its single wire end feed to an ATU. Anyway one can live with man-made noise, either by operating during the times when it is low (if this is possible) or selecting a band where it is not so bad.

Funnily enough it seems to be S.W.L.s rather than transmitting types that get muddled up by this co-ax thing; possibly the reason is that if a transmitting antenna were treated in this fashion, then no R.F. would get up the spout, on frequencies other than the one the antenna is cut for, whereas in the case of the receiver, there are always some signals receivable no matter how the antenna is abused. So on the one hand something is done about the problem straight away and on the other one is not easily aware the problem exists.

Comments by JAL

This brings up a good point. Morgan Monroe, in last months SWC recommended the use of coax lead-in to guard against picking up powerline noise. This is necessary at times, but attaching an antenna to coax does seriously reduce the bandwidth of some antenna systems.

Most NASWA members probably find information about antennas confusing. First of all, most antenna information is prepared for transmitting antennas. However, the properties of a receiving antenna are very similar to the use of that antenna for transmitting. These include directional characteristics, current distribution, effective height, impedance, etc. The purpose of a receiving antenna is to abstract energy from passing radiowaves. The radiowave causes variations in the magnetic flux and these variations induce electrical energy in conductors placed in their path. The voltages are distributed along the length of the antenna and their strength, for any particular antenna, is affected by the strength of the radiowave reaching the vicinity of the antenna, the angle between the plane of polarization of the signal and antenna, and the angle between the wavefront and the antenna. Some of the energy is re-radiated and some is available for the receiver.

All antennas, even the classic longwire, have resonant frequencies where they provide the greatest signal gain. End feeding a longwire with coax locks that antenna into its resonant mode. The multiband use of a simple antenna fed with coax is generally not satisfactory. Coax can and should be used with multiband antennas and with single band antennas. My own experience indicates that a longwire antenna with coax will provide broadband signal reception to a sensitive receiver. Your editor's system performs as well as a trap dipole. Never-the-less, the phenomenon of resonant frequency needs to be considered for end-fed longwire antennas as well as for dipoles. Coax may not be the best

answer to your noise problem if it restricts the usability of your antenna. Your editor did not intend to get into an involved discussion of this as I am not an expert in the design and construction of antenna systems. We would be interested in hearing more from the antenna experts among the membership on the question of coax and the single antenna.

UN Radio Gets Japan's Applause



United Nations Photo

Mr. Takashi Endo, Chief of the Asian Section of UN Radio at his desk at UN Headquarters surrounded by some of letters and tapes that he has received.

At a time when the United Nations is being deluged with criticism, the Asian Section of UN Radio is enjoying a more welcome inundation: fan mail.

The unprecedented outpouring comes from Japan and was triggered by UN Radio's resumption of Japanese-language broadcasts during the last General Assembly session after a decade-and-a-half hiatus. Asian Section Chief Takashi Endo—the Sorcerer's Apprentice who opened the floodgates—is stunned, overwhelmed and delighted by the response from listeners in Japan. Since he reinstated the newscasts from UN Headquarters when the 27th Assembly opened in September, an estimated 4,000 to 5,000 letters have arrived from Japanese fans—by far the heaviest response from a single country in UN Radio history.

"And they're still pouring in," Endo said, waving toward the bulging cartons of mail on his office floor.

Until last September, it was a rare month when Japan produced more than a score of fan letters. But now, Endo said in a Delegates World interview:

"It seems obvious from the staggering response that the Japanese public wanted more United Nations news than it could get through the media."

His assessment is borne out by a sampling of the letters—all of which have been read and a cross-section translated by Endo and his secretary, Miss Yoko Yoshida, between other duties. For instance, one student from Nara expressed his "delight and

gratitude" at the broadcasts and commented:

"The mass communication media still appear to underestimate the importance and significance of information about the United Nations, an organization seeking to maintain international peace and security."

The writer apologized that he isn't home to hear the weekly broadcast live, but "fortunately my wife records your news while I am away, and I listen to it upon my return from work."

Another listener, who said he was "thrilled" by the broadcasts, remarked that "the image I have about the UN has become clearer; I even felt as though I were seated in the General Assembly Hall!"

Many of the writers pleaded for longer and more frequent programs. From Chiba, a listener who wrote during the Assembly session urged Endo "not to drop the service after December's adjournment, because we must have your correct, accurate and impartial news about the United Nations."

Endo broadcasts the 10-minute weekly program on a schedule that brings it into Japanese homes in the evening. In addition to news reports, the program occasionally includes event-oriented interviews with Japanese staffers at the UN. For example, Endo has interviewed Yutaka Nagata about his work as a UN photographer specializing in peacekeeping

(Continued on Page 1042)

coverage. He also interviewed Japanese conductor Seiji Ozawa, who starred here in the U.N. Day Concert.

Until Endo resumed the Japanese-language broadcasts, listeners in Japan could hear the UN's Asian programs only in English, Chinese, Thai, Tagalog or Indonesian. Of the five languages, only English is even moderately familiar to most Japanese. So Endo's voice comes as a relief to his listeners, one of whom wrote from Senda that "it is very encouraging to hear the news in our own language" because "it's easier, of course, than English." And as proof that it was the content of the broadcast that interested him, the writer added:

"I am a short wave listener and not a verification-card hunter. You don't have to send it to me."

The reference was to verification cards, handsomely lettered in white on blue, which UN Radio normally sends to acknowledge listener reports on broadcasts they have picked up. Many short-wave buffs collect the cards as souvenirs.

However, Endo said it would be impossible to reply to all of the communications from Japanese listeners. Glancing wryly around his tiny eighth-floor office, he remarked:

From UN Delegates World Bulletin, May, 1975, submitted by Mike Edelson, Cedar Grove NJ.

The following letter was received by Martin Gallas of Springfield, IL, as a result of a letter sent to USIA regarding proposed 2.5MW transmitters for VoA.

30 June 1975

Dear Mr. Gallas:

Mr. Keogh has asked me to respond to your letter of June 11 which transmits your views concerning the proposed increase of VoA maximum SW transmitter output from 500 kw to 2,500 kw . . .

It is true that the USIA is giving serious consideration to the development of a transmitter with an output power in the order of 2,500 kw. This development is proposed with a view to the future when VoA may no longer have use of one or more of its major overseas relay stations. Without them, it would be necessary to use substantially higher-powered transmitters to reach distant audiences directly from the US. . . At present, however, there are no firm plans in our budget for transmitters of this magnitude. . . . Jamming is not a significant factor in considering higher power. Also, according to the preliminary studies by the Dept. of Commerce's Institute for Telecommunication Sciences at Boulder, CO, there would be no adverse impact on the ionosphere.

While we are sensitive to the problems of overcrowding on the shortwave broadcast bands, it is imperative that we look ahead in the event that one or more

Colombian newspaper ads from A. Gaffin



Letter from USIA to Martin Gallas cont: . . of our overseas relay stations will no longer be available to us. (Should that occur, incidentally, I might point out that we would be using many fewer frequencies and, therefore, the result would be less congestion of the shortwave bands than at present.) To repeat, however, we have no immediate plans in this direction. Thank you . . . Andrew T. Falkiewicz, Assistant Director for Public Information.

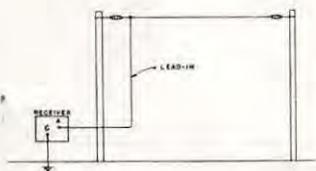
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THE INVERTED "L" or MARCONI ANTENNA

This type of antenna is also omni-directional and therefore can be erected to suit the available space. A look at Figure 5 will show why this antenna has got the name of the Inverted "L". The horizontal section should be about 45 to 50 feet long made of stranded copper, if possible, in order to give it strength and be securely supported at either end. The down lead can be of the same type of wire as the antenna, but in this case it is advisable to have it insulated. This will prevent the signal from being shorted to ground should the wire accidentally touch the building. Should one, or both ends of the antenna be attached to trees or some other support that is likely to sway in the breeze, it is advisable to have a pulley and counterweight arrangement at the ends. This will prevent the antenna from sagging or tightening too much, and so prevent any likely breakages. The lead-in should be connected to the end of the antenna that is nearest to the receiver, and this will therefore keep it as short as possible.

The instructions for this old classic are from the Radio Canada International Antenna Handbook. Note that this antenna has both horizontal and vertical elements. Therefore the vertical element must not be shielded. If you use coax you have a tuned single wire antenna instead. JAL

MARCONI INVERTED "L"



DX STAMP SERVICE



For "World Wide Postage"

83 RODER PARKWAY, ONTARIO, N.Y. 14519

TELEPHONE 315 - 524 - 8806

THE DX STAMP SERVICE

by Ed Shaw

I don't know how long this service has been around, but it was there when I began my DXing nearly 15 years ago. Until four or five years past, the service had been operated by one Sax Ringler, primarily as a service for amateur radio operators. Later, it was taken over by George N. Robertson and the service goes on.

Most of us have been used to using International Reply Coupons (IRCs) to enclose with our reception reports for return postage. At 26¢ each, it nearly breaks my heart to enclose no less than three in every reception report I mail out. The recipient can receive approximately 15¢ worth of postage at his local post office, and it will require at least three IRCs to get a letter from even as close as Mexico. It seems to me that it is far less expensive and far more effective to obtain mint postage stamps of the country concerned. Mint stamps are, of course, unused postage stamps of the country you are sending a report to. The recipient at the station can place them directly on your QSL and drop it in the outgoing mail. The DX Stamp Service offers postage stamps sufficient for an air mail letter. This method of providing return postage is superior to IRCs because it avoids the hassle your correspondent may have at his post office exchanging the IRCs (Try it at yours sometime). If you send too many stamps, the station can use them on their mail and everybody feels good. Several DXers feel the use of mint stamps increases QSL returns, especially from small or rural stations in Latin America or Africa. The cost of three IRCs is 78¢ (at present) and the stamp prices range from 35¢ to 75¢, a considerable savings when you consider that 5 IRCs may be needed to guarantee return by air from some countries.

DX Stamp Service cont:

As SWLs/DXers, we have no need for the column listing prefixes, which merely indicates letters used by those countries in assignment of amateur call-letters.

Try it this way . . . Drop George a letter and enclose your order for countries you know are bound to come your way or that you know you will want to send reports to in the next few months. If you don't have the stamps on hand when you need them, his return mail service is fast, but think of the few days you will save if you already have the stamps on hand.

We reprint the current price list on the next two pages. Please note that stamp prices in other countries will change in the future too. We appreciate having heard from George Robertson who gave us his kind permission to reprint his price lists.

DX STAMP SERVICE*For "World Wide Postage*

23 RODER PARKWAY, ONTARIO, N.Y. 14819

TELEPHONE (315) 824-8808

**A PERSONALIZED SERVICE FOR LICENSED RADIO AMATEURS,
SHORT WAVE AND LONG WAVE LISTENERS, PEN PALS, ETC.**

The following foreign postage stamps are available. These stamps are the correct postage value for an AIR MAIL letter to the United States and Canada from the country shown. A few surface mail stamps are available, where noted as (S)

<u>PREFIX</u>	<u>COUNTRY</u>	<u>PRICE</u>	<u>PREFIX</u>	<u>COUNTRY</u>	<u>PRICE</u>
AP	W. Pakistan	\$.45	HA	Hungary (S. Only)	\$.35
BV	Formosa	.50	HB	Switzerland	.60
CE	Chile (S. Only)	.60	HC	Ecuador	.40
CN8	Morocco	.50	HH	Haiti	.40
CP	Bolivia	.50	HI	Dominican Republic	.40
CR3	Port. Guinea	.55	HK	Colombia	.45
CR4	Cape Verde Islands	.55	HL-HM	Korea	.70
CR5	Principe, Sao Thome	.55	HP	Panama	.30
CR6	Angola	.55	HR	Honduras	.35
CR7	Mozambique	.55	HS	Thailand	.75
CR8	Port. Timor	.60	I	Italy, Sardinia, Sicily	.60
CT1	Portugal	.50	JA	Japan	.50
CT2	Azores	.50	JY	Jordan	.75
CT3	Madeira Islands	.50	KZ5	Canal Zone	.30
CX	Uruguay	.50	LA	Norway	.55
DL, DM, etc.	W. Germany, E. Germany	.60	LU	Argentina	.50
DU-DX	Philippines	.55	LX	Luxembourg	.50
EA	Spain	.50	LZ	Bulgaria	.65
EA6	Balearic Islands	.50	MP4B	Bahrain	.75
EA8	Canary Islands	.50	MP4M-O, A4	Muscat, Oman	.75
EA9	Mellila & Cueta	.50	MP4Q	Qatar	.75
EA9	Spanish Sahara	.55	OA	Peru	.60
EI	Republic of Ireland	.55	OD	Lebanon	.75
EL-5L	Liberia	.50	OE	Austria	.50
EP	Iran	.60	OH	Finland, Alan Islands	.55
ET	Ethiopia	.60	ON	Belgium	.60
F	France	.55	OX	Greenland	.50
FC	Corsica	.55	OY	Faroe Islands	.55
FG7	Guadeloupe	.55	OZ	Denmark	.55
FH8	Comoro Islands	.75	PA0	Netherlands	.50
FK8	New Caledonia	.75	PJ	Neth. Antilles	.40
FL8	Afars-Issas (Fr. Somaliland)	.65	PY	Brazil	.50
FM7	Martinique	.55	PZ	Surinam	.45
FO8	French Oceania	.75	SM-K-L	Sweden	.50
FP	St. Pierre-Miquelon Islands	.50	SP-3Z	Poland	.45
FR7	Reunion Island	.55	ST	Sudan	.70
FU-YJ	New Hebrides	.60	SU	Egypt	.70
FY7	French Guiana	.55	SV	Greece	.55
G	England	.40	TA	Turkey	.60
GC	Guernsey Island	.50	TF	Iceland	.55
GC	Jersey Island	.50	TG	Guatemala	.40
GD	Isle of Man	.50	TI	Costa Rica	.45
GI	North Ireland	.40	TJ	Cameroun	.75
GM	Scotland	.40	TL	Central African Rep.	.75
GW	Wales	.40	TN	Congo Rep. (Brazzaville)	.75

PREFIX	COUNTRY	PRICE	PREFIX	COUNTRY	PRICE
TR	Gabon	\$.75	ZD8	Ascension Island	\$.50
TU	Ivory Coast	.75	ZD9	Tristan da Cunha	.50
TY	Dahomey Republic	.75	ZF1	Cayman Island	.35
TZ	Mali Republic	.75	ZK1	Cook Island	.75
UA-UW	U. S. S. R.	.50	ZK2	Niue Island	.75
VE	Canada	.15	ZL	New Zealand	.50
VK	Australia	.60	ZP	Paraguay	.60
VK9	Papua & Terr. of New Guinea	.60	ZS1-6	South Africa	.50
VK9, C21	Nauru Island	.60	ZS3	South West Africa	.50
VK9	Norfolk Island	.60	ZS9-A2	Botswana	.65
VP1	Belize (ex-Br. Honduras)	.35	3A	Monaco	.50
VP2A	Antigua	.35	3B8	Mauritius	.55
VP2D	Dominica	.40	3V8	Tunisia	.50
VP2G	Grenada	.35	3W8	Vietnam	.50
VP2K	St. Kitts, Nevis	.35	4S7	Ceylon	.75
VP2L	St. Lucia	.35	4X4-4Z	Israel	.50
VP2M	Montserrat	.35	5A	Libya	.60
VP2S	St. Vincent	.35	5B-ZC4	Cyprus	.60
VP2V	British Virgin Islands	.35	5H3	Tanzania (use 5Z4)	-----
VP5	Turks & Caicos Islands	.35	5N2	Nigeria	.60
VP6	Barbados	.35	5R8	Malagasy Rep.	.65
VP7	Bahamas	.35	5T	Mauritania	.60
VP8	Falkland Islands	.60	5U7	Niger Republic	.60
VP9	Bermuda	.35	5V7	Togo Republic	.60
VQ9	Seychelles	.60	5W	Samoa	.60
VR1	Gilbert & Ellice Islands	.55	5X5	Uganda (use 5Z4)	-----
VR2, 3D7	Fiji	.55	5Z4	Kenya	.60
VR4	Solomon Islands	.60	601	Somali Republic	.75
VR6	Pitcairn Island	.50	6W8	Senegal Rep.	.75
VS6	Hong Kong	.60	6Y5	Jamaica Rep.	.35
VS9	Maldives Islands	.75	7G-3X	Rep. of Guinea	.75
VU	India	.65	7P8	Lesotho	.60
XE	*Mexico	.35	7Q	Malawi	.65
XT	Voltaic Republic	.65	7X	Algeria	.60
XU	Khmer Rep. (ex-Cambodia)	.70	8P	(see VP6)	.30
XW	Laos	.55	8R	Guyana	.40
YBØ	Indonesia	.75	9G	Ghana	.75
Y1	Iraq	.60	9H	Malta (ex-ZB1)	.50
YK	Syria	.75	9J	Zambia	.65
YN	Nicaragua	.35	9K	Kuwait	.60
YS	El Salvador	.35	9L	Sierra Leone	.75
YU	Yugoslavia	.65	9M	East and West Malaysia	.65
YV	Venezuela	.45	9Q	Zaire, Rep. of (ex Rep. of Congo) (Kinshasa)	.75
ZB2	Gibraltar	.50	9U	Burundi	.60
ZD3	Gambia	.55	9V	Singapore	.60
ZD5	Swaziland	.55	9X5	Rwanda	.55
ZD7	St. Helena Island	.50	9Y4	Tobago, Trinidad	.40

ALL ORDERS UNDER \$ 2.00 MUST INCLUDE A STAMPED, SELF-ADDRESSED ENVELOPE

Prices are subject to change, due to postage rates and monetary changes in the various countries.

A stamp or S.A.S.E. will get you the latest price list.

FOR FAST, DIRECT QSL RETURNS - USE THE 48-HOUR DX STAMP SERVICE

(Latest Prefix and Country list, courtesy of A. R. R. L.)

APRIL - 1975

G.N. (George) Robertson - W2AZX
83 Roder Parkway
Ontario, N. Y. 14519

LA VOZ DE CALI

TODELAR
The voice of radio

A VISIT TO: **WINB**

by John McDonald with Roger McKelvey, Dallastown, PA.

What is a shortwave station really like? We spend many hours listening to them, but a lot of us have never visited one. Recently Roger McKelvey and I rode our bikes to WINB, a shortwave station east of Red Lion, PA. There we interviewed the Chief Engineer for the station, Timothy Burk. This article is based mainly on that interview.

WINB is located in a residential and farming area 3 km east of Red Lion. The building is a three story concrete block structure, with the studio and transmitting equipment on the middle floor. The Antenna is in a corn field across the road about 300 meters from the station.

WINB was founded in October, 1962, by the late Rev. John M. Norris, broadcasting as a privately owned commercial shortwave station. It is currently owned by World International Broadcasters, Inc. The station serves as an "evangelical outreach", broadcasting mostly religious programs. The programs are produced by various religious groups and individual churches, who purchase time in which to broadcast the programs. WINB also broadcasts a few of its own programs. Music is played at various times throughout the day and the "Mail Call" is broadcast at 2230 on Sunday. Although most of the transmissions are in English, there are also programs in Arabic, Russian, and Spanish.

Since most of WINB's programs are on tape they have two Crown reel-to-reel tape decks and a cassette tape player for station IDs and other announcements. Record albums are used for the music. The Continental transmitter has an output power of 50 kw, using a single triode tube in the final amplifier.

The Antenna is a three-wire curtain rhombic at a height of about 37 m, with the faces of the rhombus 90 m long. The target area is Western Europe and the Mediterranean area of Northern Africa.

The staff of WINB consists of Timothy Burk, Chief Engineer; Fred Wise, Technical Consultant; and a secretary, Sally Spyker. The station is loosely associated with WCCB, an AM-FM station "Just up the hill" from WINB. They use the same post office box and telephone number, and most of the technical work for WCCB is done at WINB.

On a typical day WINB gets five or six reception reports. Reports have been received from over 80 countries in all parts of the world, and are always appreciated. The address is: World International Broadcasters, Inc., P. O. Box 88, Red Lion, PA 17356.

Since its beginning WINB has broadcast five to six hours each day towards Western Europe and Northern Africa. Plans are now underway to expand this to ten hours each day, the last four hours of which will be beamed towards South America. A new rhombic antenna is being constructed for this purpose, and the new transmissions are expected to start 3 November.

Currently the station operates from 1747-2245 GMT. From 1747 to 1945 it is on 17720 kHz, and from 1947 to 2245 it is on 15185 kHz. There may have been some changes on 7 September, but the next major change of schedule will be 3 November.

Although WINB is neither a superpowered governmental station with a staff of hundreds nor a rare and exotic DX station, it was still a most interesting and impressive visit. We encourage anyone who is in the neighborhood of a shortwave station to stop in. It can be quite a fascinating and rewarding experience.



WINB Control Room

Harris Gets

Indonesia Job

Harris Corp., owner of R F Communications in Rochester, has signed a \$20 million agreement with the Republic of Indonesia to provide a nationwide radio broadcasting system.

The equipment will be made and installed by Harris's Broadcast Products Division, Quincy, Ill. Shipments are scheduled to begin this year with stations going on the air in 1978.

William J. Stolze of Rochester, vice president, said the network will involve equipment at 35 separate sites and will provide the first national radio link to many of the country's 3,000 islands.

Rochester NY Times-Union, 5 Aug. 1975
via George Schnabel

HOW TO INCREASE THE CRYSTAL CAPACITY OF YOUR DRAKE

SPR-4

by Bill Trubee, Kealahou, HI

How would you like to double the crystal capacity of your SPR-4 and not have to touch a circuit in your receiver? I call it a crystal extender, but in all honesty it is a direct steal from an article in January 1974 FRENDX by Ed Ricchezza and Greg Calkin for a crystal adapter for the SWMA.

You will need the following parts from Drake: 1, a crystal bank assy (which includes board, switch, mount, etc.); 2, dial crystal selector; 3, selector knob; 4, dial selector markers decal strip; 5, crystal location diabram sticker. Cost is about \$28.20 plus shipping. The decals and sticker are free. You will also need a mini cabinet - I used one from Lafayette which was 4x5x3" and cost \$3. You can use any cabinet you wish or make one. I also used four rubber feet from the junk box. You will of course need the additional crystals if you do not already have them.

You mount the crystal bank assy through the bottom of the box being sure to leave enough clearance in back to clear the crystals. The shaft of the switch extends through the front and, by cutting off the shaft, the dial can be positioned close to the box. If you want to be fancy, you could install a light in the box for indexing the band in use; I was lazy and used a piece of Dymo tape.

Now take a short piece of two conductor wire and connect it to the leads from the crystal bank and plug the other ends into any blank crystal socket in the receiver and you are ready to add 23 new bands.

I had only one problem and that was that the wire should be as short as possible, not over about 6 inches. I tried to use a long enough lead so that I could position the box next to the receiver, but found that every time I brought my hand near to it, the frequencies started moving all over the dial (perhaps one of our more technical minded members can give some explanation of this). I have the box sitting on top of the receiver with the leads running down through the hole in the top. The hole is there for installation of the AL-4 MW loop antenna. Even with the connection this short I found that I could not put any crystal above 15 MHz in the extender or the above problem was still with me. Therefore I moved everything up to 13 MHz to the box and installed the high bands in the receiver. (A suggestion might be to use shielded conductor and to ground the cabinet to the receiver-JAL)

All that is necessary now is to select the band on the receiver that the extender is plugged into and then select as usual with the extender. Simple and a lot cheaper than a DSR-2.

MILITARY SURPLUS - THE R-390A RECEIVER, a review by Ken Duke, Columbus, OH.

The military surplus R-390A receiver is worth considering by DXers in the market for a top notch receiver in the \$500-800 range. It has a combination of desirable features not found in other receivers in this price range: General coverage, sharp selectivity, flexible controls, stability, and accurate frequency calibration. New receivers such as the Drake SPR-4 or R-4C offer some but not all of these features.

The R-390A was designed by Collins Radio for the Army in the 1950's and has been manufactured by several companies (Collins, Motorola, etc.). It is a 25 tube, 120 volt AC, triple and double conversion receiver tuning the 0.5 to 32 MHz range in 31 one MHz bands and one 0.5 MHz band. It has modular construction where each section of the receiver, IF, RF, PTO, etc, is located on a separate, removable subchassis and connected with the other sections by plug-in wiring harnesses. The R-390A was widely used by the Armed Forces in the 50's and 60's and is now available on the surplus market.

Tuning is accomplished by a MHz Change switch that selects one of the 32 bands and by a KHz Change switch that selects, using a permeability tuned oscillator, any frequency from 0-1MHz within the selected band. Frequency readout is via a 5 digit mechanical counter. Claimed accuracy is within 300 Hz when calibrated at the nearest 100 kHz point and a good unit will have no trouble meeting this specification. Although a tube-type set, the R-390A is quite stable and thermal drift is not a problem. I have found drift to be 500 Hz or less per hour even during warmup.

Some eleven front panel controls contribute to the versatility and flexibility of the R-390A. There are controls for mode of operation, automatic gain control, antenna tune, noise limiter, RF and AF gain, dial reset, selectivity, audio response, BFO pitch and a BFO on and off switch. Operation of the R-390A is straight forward, similar to most other communications receivers. Some notable features include a 100 kHz calibrator. The antenna is grounded when the calibrator is on, eliminating interference. The dial reset control is used in conjunction with the calibrator to accurately set the tuning mechanism. The automatic gain control (AGC) switch selects one of three AGC attack and release times. In the slow position, the fluctuations in signal typical of SW are damped providing relatively uniform audio output and improving intelligibility. The noise limiter switch is continuously variable offering control over the degree of noise attenuation. Some fidelity is lost when the limiter is operating. This is bothersome only when the limiter is providing

The R-390A continued. . . considerable attenuation. The noise limiter is effective on many, but not all, types of noise.

Good selectivity is one of the best characteristics of the R-390A. Unlike many new receivers, filter selection is independent of the mode of operation and BFO. All filters are available in each mode. The selectivity control selects the 16, 8, 4, and 2 kHz filters that are very sharp mechanical filters with skirt width ratios of about 1:1.5. Also available are 1 and 0.1 MHz crystal filters. Most DXing is done with the 4 kHz filter. There is also a front panel selected audio filter useful for CW reception.

The signal strength meter is marked for 0-100 dB. Properly calibrated, a 2 microvolt signal will read 0 dB. Sensitivity of the R-390A is rated at better than 4 microvolts from 0.5-16 MHz and better than 5 microvolts from 16-32 MHz for AM signals. I have found 2 microvolt (0 dB) signals to be quite readable on my receiver.

Audio output is available from 3 points on the receiver, all 600 ohms. The back panel output provides $\frac{1}{2}$ watt and is useful for driving a speaker. I use an 8 ohm speaker coupled via a 600-8 ohm matching transformer. Proper matching is a must for readable audio. A front panel phone jack provides lower power output for headphones. There are also two front panel switches and a VU meter controlling a balanced 600 ohm audio output circuit. I have not used this feature, but it may be suitable for taping.

Sound like an excellent receiver? Yes, but no receiver is perfect and there are some cautions a potential buyer should be aware of. The biggest problem is locating a good, reasonably priced unit. The R-390A is a military surplus receiver up to 20 years old and they were often subjected to hard, continuous usage. It must be fully checked and re-conditioned before it can be expected to perform well. Prices vary, I have seen "excellent" R-390A's quoted anywhere from \$400-900. While it is possible to find a good unit from a private or retail amateur radio dealer, surplus dealers specializing in reconditioned receivers are the most likely sources. I have contacted most of these and found Slep Electronics, P.O. Box 100, Otto, NC 28763 to be an excellent source (See SWC for September 1975, for the story of Ken's trials-JAL.)

Another problem concerns repairs. The R-390A is a very complex receiver and the average local electronics technician may have trouble making repairs. Also, some parts may not be readily available. Usually, sending it to a qualified surplus dealer is best, but it weighs 85 pounds, making crating and shipping difficult. The R-390A is a reliable receiver and if you get a good one, the need for service may not develop for quite a while. Under any circumstance, it is wise to get a technical manual. If you cannot get one when you purchase the receiver, Sam Consalvo, 7218 Roanne Dr., Oxon Hill MD 20021 has new R-390A manuals for \$11. In summary, a R-390A in excellent condition, costing \$500-600, is a real bargain and a flexible and useful tool in the hands of an ardent SW DXer.

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More on UNDERSTANDING SHORTWAVE PROPAGATION by Jerry A. Lineback

In recent articles appearing in SWC and LR-C, I have discussed the normal structure of the ionosphere and what normally happens to radiowaves as they wend their devious ways from the transmitter to your receiver. There are many other aspects to radiowave transmission that remain to be discussed, but I think it is time to turn our attention to the special events that affect the "normal" SW reception conditions, that is Solar and Geomagnetic Storms.

The Geomagnetic Field

The model of the "normal" geomagnetic field most commonly presented is that of a nearly geocentric dipole field with magnetic lines of force radiating out in a spherical fashion from the north and south magnetic poles. However, the magnetic field is not uniform in intensity over the earth's surface. There are slight variations on a small scale that are often associated with the presence of magnetic rocks or minerals near the earth's surface and large scale variations of unknown origin. In fact, there is yet no adequate explanation for the existence of the magnetic field. It is obviously a fundamental universal principle, but is yet poorly understood.

Satellite observations have shown that the spherical dipole model is modified by the solar wind. The sun emits charged particles which move outward at high velocity. When a magnetic field is moved through the electrical field generated by moving charged particles (or vice versa) an electromagnetic current is generated (that's how electric motors and generators work). The currents that are induced in the solar wind as it moves through earth's magnetic field give rise to additional fields which add to the geomagnetic field and increase it at the earth's surface as though it had been compressed. Moreover, the force exerted by the earth's field on the induced currents causes the solar wind to change its direction so that it avoids a region surrounding the earth. A sharp boundary then divides an outer region, where the wind continues to flow, from an inner one that contains the compressed geomagnetic field and from which the wind is excluded. The inner region is called the magnetosphere and its outer boundary is called the magnetopause. The boundary is roughly spherical on the sunward side and is roughly cylindrical in the anti-sun direction. With this set-up we can see that conditions at any location will vary with time of day, the season, and the intensity of the solar wind.

Geomagnetic Storms

Quiet geomagnetic conditions are interrupted every few days by increases in intensity of the solar wind. During normal times the increase is due to particles radiated by sunspot activity during the 27 day solar cycle. Major flares occur at irregular times and result in major geomagnetic storms. There is no standard about what is major and minor, but a ball park figure is an A index of 40 or more is a major disturbance. The phenomenon associated with major storms probably applies to the minor monthly or bi-monthly A index peaks.

When a major flare occurs, radiated energy is felt in a few minutes as the shock wave reaches the earth. The increase in radiation increases the degree of ionization in the ionosphere. About 36 hours later, sub-atomic particles (protons for one) reach the earth and the geomagnetic storm begins. The geomagnetic storms: 1) disturb electrical currents flowing in the equatorial and polar regions of the ionosphere, 2) there is a complicated chemical and dynamical process change in the F region, 3) sporadic E layers appear in auroral regions, 4) there is an increase in the ionization (hence greater absorption of radiowaves) in the D and E regions, 5) auroral displays occur, 6) polar cap absorption events occur (radiowaves are absorbed in polar regions).

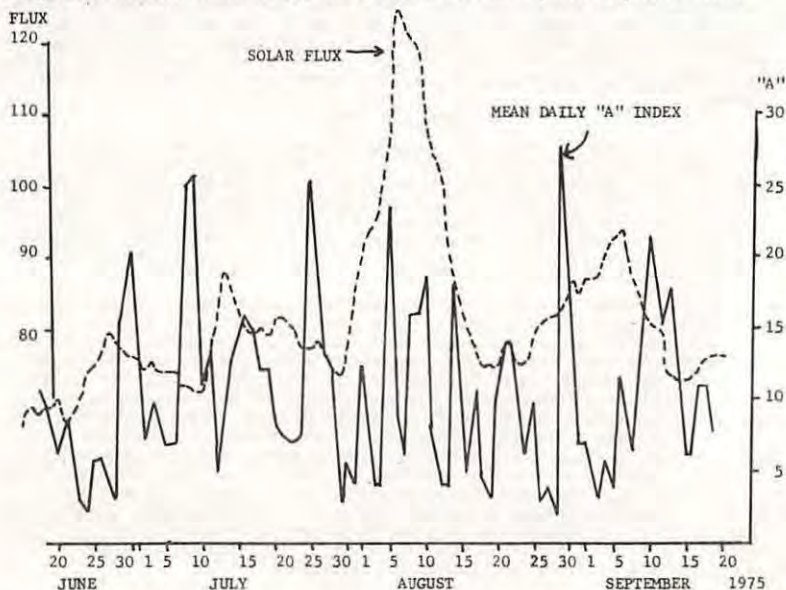
Changes in the F Region

Radio reception conditions during a geomagnetic storm are often spectacularly different from normal quiet times. Stations usually heard are inaudible and sometimes stations not normally heard (often rare DX) may be heard. Enhanced reception to certain areas of the world occur during certain stages of the storm.

Theories regarding F layer changes presently are controversial, but it appears that the increase in solar wind warms the F region. This in turn causes more electrons to recombine with ions to reduce the electron density in the F region. There are also changes in the movement of electrons as the various electrical currents are disturbed. The maximum and minimum frequencies useable for SW propagation are forced closer together, narrowing the useful spectrum.

The increase in absorption in the polar regions, the changes in the F region electron density, and the appearance of auroral sporadic E (which is predominantly a night time phenomenon), probably account for most changes in SW propagation and reception during geomagnetic storms.

The solar cycle peaked on 6 September and probably will peak about 3 and 30 October. The geomagnetic field was active 30 August and 10 to 13 September. If the typical cycle means anything, active conditions will occur a few days before and after the solar peak and also sometime during the minimum. More on that later. Below is a graph showing the solar and geomagnetic cycles for the past few months. Note the irregularity of the monthly solar cycle. The high solar flux during August was not reflected in increased occurrence of magnetic storms. Thanks to all contributors this month, 73 Jerry A. Lineback



QSL

Report



•Editor: William E. Oliver

45 Wildflower Rd., Levittown, PA. 19057

Greetings. The big news this month is that Charles H. Brunner, Jr. of Salford, Pa. has finally succeeded in prying a CSL card out of R. Lebanon. Trying to verify Lebanon has been Charlie's favorite pastime, one into which he has put a lot of time and effort. He is rightly proud of his accomplishment and mentions that this is the first R. Lebanon QSL reported in over two years. "Hopefully," he says, "this might open the floodgates."

If you haven't noticed, names of contributors to CSL Report are listed on a special 'contributors' page' with those reporting to Log Report.

Swan Island CSL's have been included with Honduras until I get official notice that Swan is active again.

Besides Lebanon, we have many other good reports including Pakistan, Qatar, Tanzania and this one to lead off....

AFGHANISTAN: R. Afghanistan, 15195. Card in 3 months for EE rpt. No rp. (Word).

ALBANIA: R. Peking Relay, 7120. "General Petro-Chemical" card w/no data, stamps and pennant in 15 days. No rp. Sent a note saying they were going to send me a badge from the recent swimming meet they held, which I reported on in my letter to them! Nice to know you are right, but they will not list the relay. Hi! (Moritz). (Hi, John! ed.), 9780, card and "thank you" note in 18 days, plus a promise of magazines in future mail. (Word).

ALGERIA: RTA, 6145. Blue/white full data card, sked, and rpt form for 2 IRC's, used U.S. stamps, and EE rpt. (Moritz).

ASCENSION IS: BBC Relay, 9580. Card in 3 months, air, for 1 IRC. (Wiles).

AUSTRALIA: R. Australia, 15320/17795. "Koala and Baby" and "Nocturnal Sugar Glider" cards in 4 1/2 months, surface mail. No rp. (Nebron). 15320/15290/17795, cards in 95 days, surface mail. Cards were "Koala and Baby", "Nocturnal Sugar Glider", and "Aboriginal Cave Painting". No rp. (Meehan). 7220, card in 127 days for rpt on transmission in Pidgin. (Oliver).

VLW (Domestic Shortwave Service), 9610. Card w/full data in 16 days, air, for EE rpt and 2 IRC's. (Ewing).

VLM, 4920. Card w/full data in 10 days, air, for EE rpt and 2 IRC's. (Ewing).

VLW15, 15425. Traditional map card in 1 month, air. No rp. (Moritz).

VL16 (Sidney), 6090. Full data blue/black map card in 14 days, air, for 2 IRC's. (Wala).

AUSTRIA: ORF, 9770. Full data card, sked and rpt forms in 5 weeks for 1 IRC and EE rpt on GG transmissions. (Pino). 6155, card in 1 month, air. No rp. (Anderson).

AZERBAIJAN SSR: R. Baku, 9840. Letter w/all data in 35 days, registered mail. Returned my IRC. (Smith).

BELGIUM: ORU, 9755. Full data map card in 5 weeks with sked and copy of "Mailbag" mentioning my rpt. 1 IRC. (Pino). 9755/11855, CSL in 3 weeks. (Barto).

BOLIVIA: R. Panamericana, 6035. Registered, typewritten letter verifying dates "in your friendly report". Apologized for no QSL card or pennant but sent a Bolivian-made blotter which had a varnish coating on a 3-colored printed side saying "Cierre Despachao y Escuche Radio Panamericana". Letter says they also broadcast on 580 kHz and 97 mHz FM. Transmitters are RCA with power of 10 Kw. Aerial at altitude of 4,025 meters. Received in 4 months for mint stamps. V/s Sr. Jaime Vasquez de la B. (Earhart).

BRAZIL: R. Nacional de Brasilia, 15245. Map card, sked, and note saying that they are not offering pennants this year. 23 days, air. No rp. (Slaff) 11780, full data signed card, sked, and personal note in 4 1/2 weeks, sea, for mint stamps. (Russell).

R. Maua, 9705. Letter, sticker and sked in 1 month. V/s Elmaro F. S. Jacome, Dir-General. (Dexter).

R. Cultura de Araraquara, 3365. CSL, stamps and slide photographs

in 3 weeks for PP rpt and stamps. (Barto).

R. Nacional Rio, 6145. EE later in 7 weeks. V/s Luis Cezar de Oliveira, Director Tecnico. (Barto).

BURUNDI: R. Cordac, 4900. Card in 2 months. V/s B. Clayton. (Barto). 4895, white card with complete data except power in 1 year, air, for mint stamps. Freq of 4920 kHz on card is scratched out and 4900 kHz penned in but heard on 4895kHz. (Earhart).

BYELORUSSIAN SSR: R. Minsk, 7420. Card in 6 months for EE rpt. No rp. (Smith).

R. Moscow via Craha, 9655. Full data card in 30 days.

(Legge).



CHRIST

OFFRE LA

REDEMPTION

DIVINE A L

AFRIQUE

CENTRALE



CONFIRMS SwL REPORT OF:

DATE 19/3/75

TIME 0430 - 0454 GMT

KHZ 4900

CALL LETTERS 911224

REMARKS Deep Listening!

Samuel Barto

TRANSMITTING ON

3985 KHz 75 meter Band

4920 KHz 60 meter Band

1400 KHz Medium Wave

93.5 MHz F. M.

TNX 73

B. Clayton

CAMEROON: R. Yaoude, 4972.5. Map card w/all data in 3½ months, air, for 1 IRC. (Rockwood).

CANADA: RCI, 9655. Card w/no data in 49 days, surface mail. No rp.

(Koskovich). 11825, standard RCI no-data card in 47 days. (Cohen).

CBS, 9625. Received "info sheets" with colorful scene of far north and sked printed on the back in 2 weeks, regular mail, for 1 IRC. (Fino). Card in 12 days. (Barto).

BBC Relay (Sackville), 6175. "Thames" card in 66 days. (Cohen).

CFRX, 6070. Card with no time in 12 days. No rp. (Russell).

CHILE: V. of Chile, 9565. Card in 1 month. (Barto). Sked and picture CSL w/Full data and wrong freq (9570) for f/up rpt in 192 days. No rp. (Slaff).

COLUMBIA: R. Nacional de Columbia, 4955. Form card w/date only in 95 days, surface mail, for 2 IRC's and SS rpt. Card featured a lake near Sochagota Hotel. V/s Alberto Upeguia. (Meehan). Date-only picture card of scene near Tota Lake in 2 months, air, followed 3 months later by orange/white/blue globe-microphone pennant and another date-only picture card showing Hotel Tequendama at night. All for one SS rpt and 1 IRC. (Wala).

COSTA RICA: TIFC, 9645. Yellow card, sked and letter in 14 days, air, for 1 IRC. (Talbot).

CUBA: RHC, 11760. Multi-colored card, out-dated sked, and letter stating that although my letter was mailed in Dec. '74, RHC did not receive it until Aug. '75. Eight months. No rp. (Talbot). 11930, full data card and form letter in 2 months. No rp. (Russell).

CYPRUS: BBC Relay, 11760. Card and sked in 3 months, air. (Wiles).

CZECHOSLOVAKIA: R. Prague, 9540. Card, letter and sked in 45 days, air, for 1 IRC. (Wiles). 11990, "Castle" card in 2 months, air, for 1 IRC and rp on EE and SS transmissions. (Fino). 7345, "First Day of Issue Liberation" card in 2½ months for 1 IRC. (Rockwood).

DENMARK: R. Denmark, 15165. Full data card signed by Lulu Uttrup in 11 days. No rp. (Russell).

ECUADOR: HCJB, 15115. Full data "Wood Carving" card in 17 days, air, for 2 IRC's. V/s Sam Rowley, Dir. of Engineering. (Koskovich). 9560, "Wood Carving" card in 24 days, air, for 2 IRC's. (Cohen).

R. Zaracay-HCOT1, 3390. SS letter in 2 months. V/s Elssy Cun Castillo, Secretaria. (Barto).

EGYPT: R. Cairo, 9805. "Medinat Habou" full data card in FF in 78 days, air, for EE rpt on European transmissions. No rp. (Koskovich).

ENGLAND: VOA-Woofferton, 11970/7190. Card in 1 week. (Barto).

EUROPEAN RSFSR: R. Moscow, 9680. "Kremlin" card in 33 days. (Cohen).

R. Moscow via Kursk, 17745. Full data "Kremlin" card in 41 days, air. No rp. (Wala).

FINLAND: R. Finland, 15185. Full data "Autumn in Finland" card in 13 days, air, for EE rpt. No rp. (Koskovich). "Summer in Finland" card in 14 days, air. No rp. (Meehan, Cohen, Slaff).

FRANCE: R. France, 15300. Card w/full data in 45 days, air, for EE rpt. No rp. (Koskovich).

GERMANY (W): DW-Julich, 6040. Multi-colored card w/full data in 60 days, air. No rp. (Koskovich).

DW-Wertachtal, 15425. Card in 3 months. (Barto).

GHANA: GBS, 4980. Card in 8 months for 1 IRC. (Wiles).

GREECE: VOA-Kavala, 7270. Full data "Kennedy Center" card in 1 week. No rp. V/s Monica Vall. (Overcamp).

GRENADA: R. Grenada, 5015. Card w/no time from C. A. Alexis in 13 days for 2 IRC's. (Russell).

GUYANA: GBS Action Radio, 3290. Verie letter in 13 days, air, for 2 IRC's and used stamps. V/s Dennis Leandro. (Moritz).

HAWAII: WWVH, 10000. Folder card in 11 days, air. (Wiles). 5000, card with no time stamped by C. L. Trembath, Engineer-in-Charge, in 18 days. No rp. (Russell).

HONDURAS: R. Swan, 6185. Card featuring a swan in a circle with the word "Prensa" diagonally and the legend "Radio Swan". Also a letter from Ralph H. Nordarse in 15 days, air, for EE rpt and 1 IRC. (Schwartz). Letter from Ralph H. Nordarse, Pres., in 3 weeks. CSL card and same letter later. (Dexter).

R. Progreso, 4920. Full data letter and colorful "Angel" pennant for 2 IRC's and tri-lingual rpt form in 29 days, air. V/s Jerry E. Tolle. (Meehan). Letter and pennant in 17 days, air, for 1 IRC. (Wiles).

HUNGARY: R. Budapest, 9833. Purple card in 65 days, air. No rp. (Meehan). Full data "Peasants' Costumes" card, personal letter from Mari Soter, and 2 copies of "Budapest International" in 1 month, air, for 1 IRC. (Fino). Card in 20 days. (Cohen). 6000, full data card in 18 days for EE rpt and 1 IRC. Purple card. No v/s. Also sent card w/picture of King Stephan I. (Dean).

INDIA: AIR, 11620. Card w/all data and sked in 2 months, air, for 1 IRC. (Rockwood).

AIR-Aligarh, 9525. Full data "Barge of Love" card in 149 days, air, for EE rpt. No rp. (Mayer)

INDONESIA: RKIP-Surabaya, 4698. Typed QSL card and sked from Mrs. Noentary-adi, "leader", after several tries. Nine weeks. (Dexter).

IRAN: V. of Iran, 9022. Full data card of Bandar-Abbas TV transmitter, pennant and sked in 71 days, air, for EE rpt and 2 IRC's. (Mayer).

IRAQ: R. Baghdad, 9745. Card, decal and sked in 85 days, air, for 2 IRC's (Wiles). Map card and symbol in 25 days, air. (Sharp).

ISRAEL: IBA, 12025. "Kneseth Building" card in 5 weeks, air. (Nebron). 15485, card in 3 1/2 weeks. (Barto). 7394, "Menorah" card in 3 months. (Cohen).

IVORY COAST: R. Abidjan, 11920. Letter signed by "R. T. I." w/ semi confirmation, "Thank you for your report, 11th April on 11920 kHz" in 1 month for mint stamps. (Russell).

JAPAN: NHK, 15195. "Tachibina" QSL card w/date and freq and postcard in 16 days, air. No rp. (Meehan). 15105, "Tachibina Dolls" card w/only date and freq. Rpt. sent on their aerogram rpt form. (Earhart).

JJY, 15000. Full data card in 41 days, air, for EE rpt. (Ewing).

KOREA (N): KCBS, 6576.5; Pyongyang, Card in 6 weeks. (Barto).

LATVIAN SSR: R. Riga, 5935. Full data card in 92 days for EE rpt. No rp. (Smith).

LEBANON: R. Lebanon, 11965. Full data card in 443 days, registered air mail, after 4 f/ups including one to Lebanese Ambassador in Washington and a total of 6 IRC's. (Brunner).

LIBERIA: ELWA, 11950. Card w/all data, sked in 5 months, air, for 3 IRC's.

(Rockwood). Full data card and sked in 7 months, surface mail for mint stamps. (Anderson).

VOA-Monrovia, 7195. Card in 1 week. (Barto).

LITHUANIAN SSR: R. Vilnius, 9530. Card in 4 months for 1 IRC. (Wiles).



Dear Mr. Charles H. Brunner JR.

This card verifies your reception of
The Lebanese Broadcasting System, Beyrouth,
on 24/ 6/ 74

at 0240 - 0300

GMT

Frequency : 11965

Khz

Power : 100

Kw

Thank you !



(Signature - stamp)

MADAGASCAR: R. Nederland Relay, 11730. Full data "Tower of Tears" card in FF, corrected from Lopik to Madagascar, in 3½ weeks for 1 IRC. (Russell).

MALAYSIA: BBC Relay, 15310. Card in 20 days, air, for 1 IRC. (Wiles). 11750, usual no-data card marked "BBC Far Eastern Relay Station" in 26 days. No rp. (Russell).

MALTA: DW Relay, 9745. Card in 4 months, air, for 1 IRC. (Wiles). 7235, card in 3 months. (Barto).

MAURITANIA: R. Mauritania, 4850. Map card w/all data in 3 months, air, for 1 IRC. (Rockwood).

MONACO: TWR, 7150. Full data card, pennant, and sked in 15 days, air, for 2 IRC's and used U.S. stamps. (Moritz).

MOROCCO: VOA-Tangier, 15195. Full data card in 6 days. No rp. V/s Monica Vall. (Russell).

NETHERLANDS: RN, 9715. Full data "Tower of Tears" card in 50 days, surface mail, for EE rpt. No rp. (Koskovich). "New Lutheran Church" card in 30 days, air. No rp. (Slaff).

NETHERLANDS ANTILLES: RN Relay, 6165. "Happy Station" card in 1 month, air (Nebron). "Madagascar Antenna" card w/full data in 45 days, surface mail, for EE rpt. No rp. (Koskovich). "Westerkerk" card in 34 days. (Cohen).

NEW CALEDONIA: R. Noumea, 11710/7170. Very nice and striking orange card in 1 month and 3 weeks for FF rpt, 2 IRC's and used stamps. I really love this one, as it lowers my CRPI (Moritz).

NEW GUINEA: R. East Sepik, 3335. Date-only letter signed by Philip Kovir-omo in 5 weeks for 3 IRC's. (Russell).

NEW ZEALAND: RNZ, 15110. Card w/incorrect data featuring attractive farm and mountain scene in 40 days, air, for 2 IRC's. Also received a note that my letter would be read on their "Mailbag" program. (Meehan). QSL card with all data featuring city scene with cable car in 1 month for EE rpt and 2 IRC's. (Locher). 9520, full data card and sked in 31 days, air for 1 IRC. (Oliver). 9540, full data card and sked in 29 days, air. No rp. Received "Mailbag" notice. (Ewing). Farm and mountain scene card in 46 days, air. No rp. New **QTH:** External Services Division of RNZ, P.O. Box 2092, Wellington, New Zealand. (Slaff).

NIGERIA: VON, 7275. Card w/full data in 21 days, air, for EE rpt. No rp. (Koskovich). 6100-Maiduguri, card in 2 months. V/s C. C. Ikunegwang. (Barto). 7275, green/white card, sked in 33 days, air. No rp. (Slaff).

NORWAY: R. Norway, 15175. "Oslo Town Hall and Harbor" card w/full data including power and call letters LLM in 48 days. No rp. V/s C. K. Dalil. (Earhart). Full data card in 7 weeks. No rp. (Overcamp).



QSL



Dear Sir:

This is to verify that your reception report of *21 July 1975* corresponded with our station log of the same day.

Thank you for your interest

Director

Wang, Min-tao

The above QSL is from VOICE OF CHINESE AIR FORCE in Taipei, Taiwan, The Republic of China. BEC-71 operates on 7260 kHz. (Mike Hardester, California)

PAKISTAN: R. Pakistan, 11672. Letter w/freq only in 5 months for 2 IRC's and postcards. V/s Sanwar Shaikh. (Russell).

PAPUA-NEW GUINEA: NBC, 4890. Full data verie letter and sked in 7 months, surface mail, for 2 IRC's. (Moritz). Letter in 3 months. V/s Allen Hull. (Barto). Two form letters verifying reception on programs from Dec. and July, 1974. PS on letter stated, "We apologise for being delay response due to organise and form new organisation." Total time, 1 1/2 years. Sent 3 and 2 IRC's in rpts. (Earhart). Full data letter from Allen Hull, director, in 4 1/2 months, sea, on second try. Three IRC's and 2 postcards. (Russell).

PERU: R. Atlantida, 4787. Verie letter signed by Julio R. Burga in 7 1/2 months for 2 IRC's. They apologised for not sending a QSL card but they had no more at that time. (Earhart).

POLAND: Polish Radio, 11815/11840. Full data card, letter signed by Jan Wiersbinski, sked and contest details in 4 weeks. No rp. (Russell). 9540/11815, map cards w/all data and sked in 2 1/2 months and 2 months, air, for 2 IRC's. (Rockwood). 11815, full data card, postcard, rpt forms and sked in 85 days. No rp. This is #4 from Polskie Radio. (Oliver). 11840, full data card honoring 30 years of Peoples' Poland in 6 weeks. No rp. (Locher).

PORTUGAL: R. Portugal, 11935. Ship card in 19 days, air. No rp. (Slaff). DW-Sines, 7285. QSL in 3 months. (Barto).

QATAR: CBS, 9570. Card in 4 months, air, for 2 IRC's. (Wiles).

ROMANIA: R. Bucharest, 9690. Full data "Distaffs from Apuseni Mountains" card in 2½ months, registered mail. No rp. (Wala). Full data card, sked, and info on "Listeners' Club" in 7 weeks, air. No rp. (Russell).
RWANDA: IW-Kigali, 1541C. Card in 3 months. (Barto). 17765, full data card in 24 days, air. No rp. (Russell).

SAUDI ARABIA: BSKSA, 11950. Card and letter in 3 months, air, for 1 IRC. (Wiles). 9720, card w/all data except time, sked in 2½ months, registered airmail, for 1 IRC. (Rockwood).

SOLOMON IS: SIBS (V005), 5020. Map card in 36 days, air, for 3 IRC's. (Schwartz).

SOMALIA: SBS, 6097. Card in 31 days, air, for 2 IRC's. (Wiles).

SOUTH AFRICA: RSA, 11900. Picture card w/full data in 22 days, air, for EE rpt. No rp. (Koskovich). 7270, full data "White Rhino" card for rpt on EE and FF transmissions in 3 weeks, air. 1 IRC. (Fino).

SPAIN: RNE, 11925. Antenna card w/full data in 42 days, surface mail, for EE rpt. No rp. (Koskovich). 9360/9630/11925, full data SS card w/Noblejas towers, sked, pennant, and booklet with color views of Spanish cities in 2 months, air, for 1 IRC. (Fino).

SUDAN: R. Omdurman, 7200. Form letter w/data penned in and sked in 22 days, air, for 1 IRC. (Mayer).

SWAZILAND: TWR, 6070. Card and sked in 3 months. (Barto).

SWEDEN: R. Sweden, 9695. "Sven Jerring" card and pennant. V/s Ada Jung(?). (Meehan). 11955, map card, sked, pennant and copies of "Sweden Calling DX'ers" in 82 days, air. No rp. (Slaff). 11705, full data map card in 1 week. No rp. (Overcamp).

SWITZERLAND: SBC, 11715. Full data "Carnival of Basle" card in 45 days, surface mail, for EE rpt. No rp. (Koskovich). 5965/9725/11715, full data "Lago Maggiore" card w/typed message in Italian for Italian rpt on EE, SS, and FF transmissions and 1 IRC in 3 weeks, air. (Fino). 15140, "Holbein Fountain" card in 44 days. (Cohen).



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TéléDiffusion de France

établissement public de l'état

TAHITI: R. Tahiti, 11825. Full data card w/station stamp and old sked with corrected data in 3 months for 2 IRC's. (Russell). 15270, full data "Thumbs Up" card in 10 weeks, air, for mint stamps. (Overcamp).

TANZANIA: R. Tanzania, 15435. Yellow background card with a tom-tom drum emanating signals on the end of a "long cigar" with the words "SAUTI YA TANZANIA" (Swahili for "Voice of Tanzania". ed.). The card confirms date and freq but not time and mentions 50 KW power and curtain aerial. Received as regular mail in 9 months for mint stamps. (Earhart).

TURKEY: V. of Turkey, 9515. Full data card and sked in 27 days, air, for EE rpt. (Ewing). "Nasreddin Hodja" full data card and 40-page VOT sked in EE, FF, and GG in 19 days, air, for EE rpt and 2 IRC's. (Larson). 15165, cartoon card in 1 month, air, for 1 IRC. (Rockwood). "Shadow Play Character card and sked in 36 days, air. No rp. (Slaff).

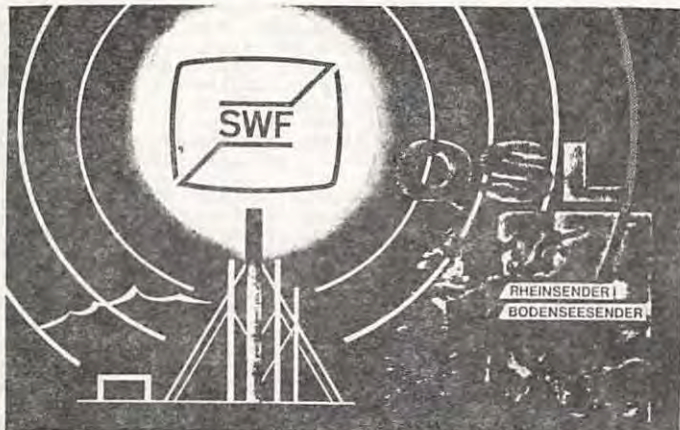
TURKMEN SSR: R. Moscow via Ashkhabad, 11930. Full data card in 30 days. (Legge).

UNITED STATES: WYFR, 6155. Mike card and sked in 2 weeks. No rp. (Slaff).

UKRAINIAN SSR: R. Kiev, 12050. Full data card w/personal message and sked in 9 weeks for 1 IRC. (Fino). 7150, full data card in 3 months via Moscow. IRC's returned. (Russell). 7150/7205, standard Girl-Boy card w/R. Kiev border in RR. Verified date and time but typed 7.20 as freq. I had written a letter with my rpt suggesting they use all digits in their freqs. They thanked me for my proposal and I think it is doing some good with R. Kiev since I heard them the other night giving their freqs with all the digits. (Earhart).

R. Moscow via Lvov, 11750. Full data card in 30 days.

(Legge).



Südwestfunk
Anstalt des öffentlichen Rechts

from Sam Barto

VENEZUELA: R. Juventud, 4900. "Teenage Dancers" card in 35 days for 2 IRC's and Speedx trilingual rpt form. (Meehan).

R. Rumbos, 4970. Full data card in 56 days, air, for EE rpt and 2 IRC's. (Ewing).

R. Dif. Venezuela, 4890. Card w/no date in 28 days for EE rpt.

(Ewing).

VIETNAM (N): VOV-Tay Bac, 6334/6335.

VOV-Hanoi, 13 different freqs from 6331 to 10065.

Liberation Radio, 7416/10009/10011/10221.

South Vietnam Liberation Radio, 7416.

All freqs and station slogans listed on OSL's. Took 2½ months for an EE rpt. OSL's were all stamped and signed. (Barto)

"ODDS AND ENDS"

The first item in this month's "Odds and Ends" section is a reminder from Larry M. Nebron of Daly City, CA that DXers can save money on postage on reception reports to R. Australia by sending them to New York City. The address is: Radio Australia, Australian Broadcasting Commission, 1 Rockefeller Plaza, Suite 1700, New York 10020. Larry says that they will also forward reports for Australian regional stations. Thanks, Larry. I remember reading that on a R. Australia sked but I completely forgot about it.

I hope everybody read "The IRC Affair" by Greg Ravenhorst on page 7 of the September FRENDX. Attention to little things like that prevent a lot of disappointment.

PENNANTS: Because of a shortage of space this month, the "Pennant Fever" report will begin in the November issue.

TAPE REPORTS: One DXer who sends an occasional tape report uses the cheaper cassettes available at the many franchise electronic stores. He says that he would not send a tape of really poor reception unless at least 50% was readable. The other 50% might help the engineers at the receiving station. The cassette is sent in an envelope with a letter of explanation in EE and marked DO NOT X-RAY. TAPE REPORT ENCLOSED. Postage on this runs around \$1.50 to \$1.75 airmail.

MINT STAMPS: I thought I would have to do some research and work on this subject but Tom Overcamp of Seneca, SC did it all for me. Here's his letter on 'mint stamps'.

Dear Bill,

Thanks for the letter. Despite Loudenboomer's article last month on "Making It" and my feeling that I am not one of the "pros", I'll try to answer your question on mint stamps.

The main advantage of enclosing mint stamps in reception reports is courtesy. The station is given a convenient way to respond to your report. Return postage need not be required by all stations. As Scott Reeves pointed out ("Cutting Costs on Verification", FRENDX, 2/75), most international broadcasters will respond without return postage. This is almost always true for governmental stations with English programs directed to North America. On the other hand, many non-English, regional, or religious broadcasters prefer or require return postage. WRTH, "CSL Report", and the SWL Address Book can be guides for this. When return postage is required or when it may give an airmail reply instead of seamount, mint stamps are much more attractive than IRC's which may not be understood in more isolated regions.

For many countries, another advantage to mint stamps is cost. My latest (April, 1975) price list from the DX Stamp Service, 83 Roder Parkway, Ontario, New York 14159 has prices for mostly airmail stamps ranging from 30¢ to 75¢ not including Canada at 15¢. This is less than three IRC's and in the majority of the countries roughly equal to or less than the cost of two IRC's.

Although I believe that they do improve response, they are not magic. Probably most of us have sent off good reports with details of the programming with mint stamps or a few IRC's, got no response, and then see in "CSL Report" that someone else got an instant reply for no return postage. At times obtaining verifications is an art or just plain luck.

I sometimes use mint stamps as an incentive for better DXing. If I don't have a verification for a particular country or station, I order the stamp, then make up a list of unused stamps and use that as a reminder of which stations to search for so that I can cash in on my investment. It also eliminates the delay of a few days to a week in getting the stamp from the DX Stamp Service through the US Postal Service.

Tom

That just about says it all and I'm very grateful to Tom for his help on this subject. He had better recheck his feelings about being one of the "pros" because I think this letter leaves no doubt on that point. Here is that address again for those who want to try mint stamps.

DX Stamp Service
83 Roder Parkway
Ontario, N.Y. 14159

For the statistically-minded DXer, here's the country count in "CSL Report".

Total last month: 94 countries.

Total this month: 85 countries.

Total different countries reported since September: 120.

The drop in country total this month was caused by the fact that "CSL Report" hadn't appeared in some time and some of the CSL's were received during that period of inaction. However, this month we were missing some old reliables like Argentina, Bulgaria, and Germany (E). And what happened to the two Chinas? Send in your CSL's received. My wife said that if I wasn't doing this, I'd be doing something foolish, like mowing the lawn. I was very pleased to note that reports from Polskie Radio had quadrupled. Last month there was only one.

And that's all for this month. Thanks to all the contributors. And thanks, too, for the fine cooperation I've been getting, especially with illustrations. Our passing thought for this month is "Polskie Radio! Try it! You'll like it!"

William E. (Bill) Oliver
45 Wildflower Road
Levittown, Pa. 19057

73's, and lots of smiles,

Bill

HELPING HAND: For sale. Allied SX-190 with 14 crystals 3.0-21.9 and speaker. \$175.00, excellent condition. Steve Estes, 147 Linbrook Drive, Newport News, VA 23602.

Listener's

•Editor: Glenn Hauser
1312 W. Oak, Enid, OK 73701

OCTOBER
1975



Notebook

NOTE: Please disregard a Tokyo address you may see for me, published elsewhere. No go: **THANKS** to the many LN contributors this month, and for their kind words of encouragement. **PROPER CREDIT** Other clubs and broadcasters desiring to use material from LN may do so provided due credit is given to the **original reporter and NASWA**. We cannot authorize further dissemination of (c)opyright material, such as that from the BBC Monitoring Service. Tnx. By the way, much credit is due to Mac Leonhardt and Dan Ferguson for BBC MS forwardings:

ANGOLA Emissora Oficial is still the ID, but at least the first hour each morning (*0500; *0600 Sun) is taken by MPLA political programs, in addition to daily 2115-2200. News broadcasts are pre-recorded and carry no headlines; duration varies 30-min-1 hr plus (BECMS) **BOLIVIA** R. Cruz del Sur says these stations belong to its network: R. Loyola, R. Nuevo Mundo in Chuquisaca; R. Tunari in Cochabamba; R. Oriental in Santa Cruz; R. Sararanda in Camiri; R. Colliquillo in Potosí; R. Abaroa in Riberalta; R. Masoré in Guayareerín; and R. Caranavi in La Paz. (c)BECMS 9/11 **Rdía. Trópico** is a new one on 4744, around 2345 (Jack Perolo, NU)

CANADA CBC CRM DE CBO: Finding a clear 31m channel has been a problem, so this season 9625 does double duty!! Multi-site stations often overlap their transmissions, but from the same site? A Sackville 50kw xatr carries the RCI European service at 2000-2200, while a 250 kw Sackville sends the Northern Service. The two are not even zero-beat. (gh)

COLOMBIA CARACOL is actually four networks: R. Reloj (11 stns), R. Quince (5 stns) rely on local programming, with R. Quince emphasizing modern elements; also, the Cadena Fundamental (19 stns) and Cadena Deportiva (31 stns), the former with 'programación consolidada', the latter with sports, music and time. From 0415 to 0500 some stations run a program called R. Lente. Be careful you don't think this is a new station. The Board of Directors includes Alfonso López Michelsen, El Presidente de Colombia. CARACOL is predominantly MW, but their rate card no. 18 shows the following for which SW outlets are listed elsewhere: Emissora Nuevo Mundo-4755; R. Reloj-4795; R. Neiva-4855; LV del Cinaruco-4865; R. Cinco-5040; Antena de los Andes-5795; and possibly (ambiguous WRTH) R. Visión-6105 and LV de la Selva-6170. (D.M. Moore, Milesburg PA, via ICA DXWW 9/6, gh) R. Veinte de la Cadena Caracol is a new station on 4857v63, quickly QSLed (Bisardo Rodríguez, PR, via RCI Spanish DX 9/7 via gh) **CONGO** Caverham has been DXing the 8m harmonic of Brazzaville-9715 on 19430, 0800-1600 (BEC WRC 9/10 via gh, David Snyder)

CYPRUS If an offhand remark on RCI's French DX program is to be taken as authoritative, CBC may even refer to Canada when applied here: The BBC Zylí relays the CBC Armed Forces Service (in French?) around 1950 on 3989 kHz. (All 16 DX 8/31 via gh) (as Colombia)

ECUADOR R. Libertad, Quito is new on 4775, heard 0405-0430* música andina (Rodríguez same)

EGYPT Cairo is being heard on 28200, 4x7050, in Switzerland (Swiss DX pgs 9/13 via gh)

HAITI Updating the WRTVH 1975. Most Haitian SW stations are inactive: 4940-Rdif. Nati-enne; 5040-R. Capois-la-Mort (where does the name R. Valparaiso come from?); 5980v, 9485v-LV de la Révolution Duvaliériste; 6015v-R. Caraïbes; 6050-R. Union (station no longer exists, even on MW); 6175-Rdif. Capois prob. never went on air in spite of 1967 preparations; 6195-R. Haïti-Inter abandoned SW because MW power was increased. (Victor C. Jaar, Québec PQ)

INDONESIA Observation of news relays can be a good guide to general location. Listening reveals this pattern of relays carried by all RRI and most non-RRI stations:

1200 Major nx bulletins from Jakarta; 10 mins general nx, 5 mins commentary (komentar)

1230 Regional nx from Ujung Pandang, abt 10 mins, relayed by all stns in Sulawesi, Kalimantan, Bali, Maluku and Nusa Tenggara (*lessor Sunda)

1300 Major nx bulletins from Jak; 5 mins general nx, and pgs "Nusantara" length varies -1325

1400 Provincial nx, abt 15 mins; Prov. nx from Surabaya relayed by all known stns in Jawa Timur province, and it seems only by those. Prov. nx from Bandung, similar to Surabaya, relayed by stns in Jawa Barat province. Relays of Jayapura (Irian Jaya stns only), Semarang and Palembang have been frequently hrd. Some local and regional nx bulletins which are not relays can also be hrd, notably at 1400 and sometimes on half hours.

1500 Major nx bulletins from Jakarta; 10 mins general nx; 5 mins of sports nx. All nxcasts close with an anthem or national song, except Surabaya at 1400, which ends with a studio song. (Robert Yeo, Australia, via NU 9/15 via gh)

IRAQ (Of July p. LN-2) Update to Iraqi home services: (c) BECMS 8/75

3195 1600-1630 Syrian program 6095 breaks at 0800-1000

3243/6030 0258-0855 Kurdish, 0900-1225 6168 ex-6158 kHz

Turkmen, 1230-2200 Kurdish 7225 0228-0800 v. of Masses; 1000-2320

3952 1600-1900 Arabic "V. of Masses" Xatr sites contradicted WRTVH 75; Abu Ghurayb on 6030, 7180, 7225, 17770; Sabhan Pak on 3243, 3952, 6095, 6168, 9635, 11785; Baghdad on 3195.

ISRAEL The IBA Hebrew HS relays have been observed as follows rather than as scheduled:

*0400 (*0500 Sat)-0555*, *2000-2305* in USB mode to WBA/EMAN on reactivated 12045; *0400

(*0500 Sat)-2305* on 12080; very strong after 1900. *0600-1845* on 15512, weak. *1900-2305*

and *0800 (*0500 Sat)-0555* weak on new 9400v ex-9495. 7412, the sked, not hrd (Larry Magne)

LEBANON R. Lebanon's 100-kw xtr at Amshit; to Eu/AF 1830 English, 1900 Arabic, 2000-2030 French on 11795; to SA 2300 Portuguese, 2330 Arabic, 0030-0100 Spanish on 15120; to N/CA 0130 French, 0200 Arabic, 0230 English, 0300-0330 Spanish, on 9675. (c) BBCMS 7/75

MALAGASY REP. RTVM is sked as follows: 0300-0500 3232 6134; 0800-1430 6134 9690; 1430-1900 3232 6134 in Malgache net; 0300-0600 3288 7105; 0900-1100 7105; 1600-1900 3288 in French. Other known channels, 6170 7155 7230 9515 and 4985 are not in latest sked, the last, 4985, is still on the air. English foreign service still 1500-1600 17730 (Geoff Cosier, Victoria)

MALTA There was evidently some disagreement between the government of Malta and the gov't. of Canada, over a financial loan I think, and since the only Canadian presence on Malta was the ROI broadcasts over the DW transmitters, the Malta gov't. simply asked the W.German gov't. to stop relaying ROI broadcasts over their Malta transmitters. (Ian MacFarland, Montreal)

MEXICO XEUDS-6115 is heard at *1500-0300* Open w/pgm summary (Bill Davis, Laguna Niguel CA)

Radio Mezquital, El Valle de Mezquital has begun transmitting educational pgms to Indian communities--created in collaboration w/the Instituto Nacional Indigenista and West Germany. Four news programs are given daily--two bilingual in Otolal and Spanish, two in Spanish. Also carries "Platicando en las Comunidades" in which Indians and peasants discuss their problems. Special antennas have been installed and programs are distributed to 40 communities. (c) BECMS 8/14 Could be tropical band, or FM; no special antennas for MW.... (gh)

MONGOLIA R. Ulan Bator is on new 7300 ex-7237, Chinese 1300, Mongolian 1330-1400*; also has been testing at 0850-0900 on 7262. (Mike Willis, Hampton, Victoria, Australia)

OKINAWA VOA's 15^{kw} unit is sked 1045-1500 on 6010, QRP franks. (gh)

OMAN Muscat's new SW station was heard testing on 4962 kHz at 1510, with English and Arabic IDs and music; sounds like 10-20 kw, but use QRM. Sked given as 0500-0815 on 6174; 1300-1700 on 11890 (where Riyadh was heard); 0600-0815 and 1400-1600* on 4886 (actually 4962). Address is Director of Information & Culture, P.O. Box 397, Muscat, Sultanate of Oman. (Geoff Cosier, Victoria) Radio Oman heard 9/9 at good level at 1330 (Gregg Calkin, Islamabad, Pakistan, via NU) on 11890. Sked on 6174 is actually 0700-0815 (Robert Yeo, via NU 9/15) (David Snyder, NY, and Richard Schwartz, DE also copied BBC WRC sked as above)

PERU R. Nacional, Lima has nationwide coverage through the stations in the Red and White nets: R. Nacional, Tumbes, Atahualpa, Iquitos, Tacna; Raif. Comercial, Chiclayo; R. Huancayo; R. Ayacucho; R. Coquilmo; R. Andahuaylas; R. Juliaca; R. Talara; R. Grau, Piura; R. Chibabota; R. Huaraz; R. Sudamericana, Mujica; R. Junin, Huanicay; R. Ica; R. La Hora, Curco; R. San Juan, Tarma; R. Chancamayo, La Merced; R. Mollendo. (c) BBC MS 9/4

POLAND Program III HS relays on SW are missing from the WRTVH 75; *(Sun 0500-) (c) BBC 7/75 9755 0700-1615 9570 0400-0700* 7180 0630-1405 7110 1640-2300 6035 0400-0505, 1430-2300.

QATAR A QNA report on 9/4 said Qatar radio could be heard clearly in most countries of the world now that the radio's new transmitting stations, which were opened 9/3, have gone into operation. Unconfirmed reports over the past two years indicate 2 x 250kw xtrs had been contracted for and were under construction. First word they are on the air. (c) BBCMS 9/11

RHODES VOA's 2x50kw xtrs here are sked as follows for the rest of October: 5965 0400-0600 6015 1615-2200 6070 0145-0400 7110 0330-0600 7205 1615-2200 (VOA via gh)

SAUDI ARABIA ESKSA HS in Arabic from Riyadh operate as follows: (c) BBCMS 7/75
15275 0500-1530 11890 0500-1545 9730 1900-2300 7285 0500-0830 6130 1600-2300
15205 0800-1530 11780 1530-1900 9720 0300-2300 7220 0300-2300 6000 0300-2300
11950 0300-2300 9770 0500-0800 9605 0830-1600 7110 1545-2300 5390 0500-2300 (SSB)

SRI LANKA SLEB All Asia Service on new 4835, BBC ix 1600 over SABC. Dmn loud, too!! (Geoff Cosier, Burwood, Victoria) is ex-11725 1200-1730 and on 4830 (Robert Hanner, RA DX pgm 9/7) Some had assumed 11725 went to 9720, which was already listed 4/9 (gh)

SUDAN R. Omdurman operates at 0400-2200 on 11835, 9508, 7200, 6150, 4994 kHz. At 1300-1500 6150 and 4994 split for the Southern Provinces program in Arabic, English, vernaculars; 11835 carries expatriate programs in Arabic at 1815-1825 and 1840-1845 (Sats an hour later) (c) BBCMS 7/75. Sked on RA DX 9/14 was in GMT+2; 15170 is a 50kw standby. (Gerry Wood)

SWAZILAND Since 8/15 TWR uses 2590 to EAF 0445-0700; new 11760 0715-0900. To SAF 4290 0445-0900. The 4th 30kw xtr is due on the air shortly (Collin Miller, Discovery, Saf, SCDX 8/26)

SWEDEN RS is overhauling its Hørbys xtrs and may take certain frogs out of use or replace them with low-powered standbys. (Richard Wood, Garden City NY) Maybe the standbys are at a different, PTT site?? 15305 has been very poor here at 1400 compared to Finland-15185, so this explains it: (gh) The Karlsborg xtr was noted with xtr troubles, and engineers have reduced power from 350kw to 25kw; all xtrns affected from this xtr. Further troubles have occurred because of antenna modifications. NA and LA xtrns canceled for 3 weeks from 9/7 (Bob Zilmer, Milwaukee WI via SPEEDXGRAM, Box E, Elaine CA 92330 9/75) Owing to a fault in one of our antennas a number of transmission have had to be dropped. These will be resumed as soon as possible; all these are Hørbys: 1700-1730 9680 2130-2300 9605 0230-0330 9695 1200-1230 17770 1500-1530 15415 1830-1930 15415 2300-2330 11705 (NAM) 0330-0800 9605 1300-1330 15275 1600-1630 15240 1930-2030 9605 (compiled by gh)

TUNISIA RTT has been heard testing on 9650 at 0700-0910 with a strong signal (BBC WRC 8/27 via Richard A. Schwartz, Dover DE, gh) goes to 7225 at sunset, or as early as 1430 (WRC)

UNITED ARAB EMIRATES Dubai, which was off SW, is back. Don't know whether for a brief period, but hrd on 6040 around 1800 // 1480 MW (Victor Goonetilleke, Sri Lanka, via NU 8/30)

USA Harmonicker KTDL, Farmerville LA, is appearing again on 2940-1470x2, 9/20 1223, C&W. Continued high noise levels are preventing such other such DX (gh) WINB is now temporarily using 17 kw while working on their xtrs (Steve Selwyn, FCC, via Kim Andrew Elliott)

USSR Local programs in Russian (exc. Khanty/Mansi 1435-1443) are on Khanty-Mansiysk-4520 at 0215-0300, 0315-0400, 1400-1600; also on Tyumen-4895// at 0235-0400, 1445-1600. Local programs from Ufa-4485 in Bashkir/Russian 0200-0300, 1200-1400, 1500-1540. (c) BECMS 6/75

YEMEN, NORTH R. San'a HS dropped 11730 and 9510; now sked 0300-0700 on 7300 5805; 1100-2015 on 5805; 1100-2200 on 7300. Includes FLO pgm at 1600-1630, all Arabic. (c) BBC MS 8/21

THE SITUATION

LAOS The Laotian station on 6652 is heard at 1100-1346*. Since it relays Pathet Lao programs I think it is in Laos; PL xmters are. This station very recently started; it has its own Lao pgs when not relaying PL. The Laotian station on 6987 also has its own programs in addition to relaying PL; like 6652 I suggest it is a regional Laotian; 1100-1400* (Willis, Vic.)

VIETNAM R. Saigon Liberation returned to the air 9/2 on 4877 only; hrd at 1300 (Mike Willis, Hampton, Victoria) On 7/28 and 7/29 Saigon was heard on 9620 7245 6165 4877 for the first time since 0700 6/23. On subsequent days, operation was erratic. Dictation speed Vietnamese continues at 0100-0200 apx on 7245 only. An additional "Messages to Relatives" is at 1300-1400, thereby extending the transmission period to 1100-1400; others are 2230-0100, 0430-0700. ID continues as "Saigon Liberation Radio, the Voice of the People of Saigon-Gia Binh, broadcasting from Saigon" (in translation-gh) (c) BECMS 8/6 Are they listening at Camp Pendleton?? (gh)

THAILAND (cf 8/75 LN p. 3) Bangkok Meteorological Radio is heard on 6510, in English & Thai, sked w/10kw at 0300-0330, 0600-1330 (Arthur Cushen via HCBJ DX 9/15) Sorry, no sign of BMR on old 7863 or new 6510 at any time. (Victor Goonetilleke, Sri Lanka, via NU 8/30, via gh)

INDONESIA (cf also misplaced item on p. LN-1) We have had excellent Indonesian reception so I compiled this list of UNID Indo stns which should provide a guide to FRENCH readers; all are heard at 1100-1500. *w/Fek: #2 stns 2868 2898 2925 2955 2972 3075 3105 3138 3268 3391 2260 2400 2460* 2640 2665 2723 2780 2830 2880 2907 2930 2962 3010 3076 3115 3147 3342 4140 1325 2415 2624 2662 2700 2729 2816 2834 2887 2917 2942 2956# 3015 3088 3123 3265 3374 4158 (Mike Willis, Victoria) The very recently IDed RRI-Tanjung Pinang has verified, and gives its sked; 1 kw on 4945: 2258-0100, 0458-0715-cut to 150w. 0858-1515; Sun. 0300-0715 (Cosler)

PHILIPPINES R. Veritas is on 11909.2 at 0000-0200 with good signals, but spilt by het. Is not old SEARV xtr as some claim. (Victor Goonetilleke, Sri Lanka, via NU 8/30) Is using 11910 for all xmas, ex-9569, ex-11955; 1000-1200, *2225-0200* (R. Hanner, RA DX 9/7 via gh)

CHINA Peking has reorganized its Uighur service to 1300-1400 on 9920, 11575 (Mike Willis) R. Feking's MS First Pgm in Gyoed (Std. Chinese) uses these channels at various times in the span 2000-1735 daily (silent 0600-0845 Tues); 17605 15590 15550 19420 15230 12420 12120 11330 11290 10245 9080 9064 7935 7505 7095 6750 6665 6225 5880 5860 5320 4905 4800 4460 and 3450. Second Pgm in Gyoed at 2100-1600 (Sun 1700), silent 0600-0950 wed/Fri, at various times: 15450 15030 11505 11040 10260 9745 9670 9510 9020 8005 7770 7140 6345 5163 5075 4850 and 4250. (c) BECMS 8/6 We have the exact sked for each if anyone needs them. (gh) Backwards

Russian is now observed; (see colons separate xtr site groupings) 11685. 0300-0355 SSB-17490 11455 8425 8260 6995; 15535 15435 15300 11600; 15380 15255 15115 14980; 0900-0955 8260 5220; 1830-1925 8345, SSB-6550. Little is known about Peking's remote xtr sites, but as many as 6 different sites are used at the peak Russian hour of 1700-1755. Some may be inferred from phase matching w/known MW sites: // exactly to Urunchi-1525 are 9655 8320 7820 7040 5145 at 1600-1655; 4500 4220 4110 at 1700-1755; 9695 9450 9030 8320 7850 7350 7025 6280 5440 5145 4500 4200 4110 at 1800-1855; 6280 5440 4500 4220 4110 at 2000-2055. The 1460-Hailar xtr is exactly // these at 1700-1755; 6840 4895 4068 3970. (gh, BECMS)

KOREA NORTH R. Pyongyang MS operates as follows: 6290 2000-0830 3015 1500-1800 (c) BECMS 11350 2000-1050 6600 2000-0830, 1500-1800 4270 1100-1800 2850 2000-1800 8/75

Voice of the Revolutionary Reunification for Korea operates in Korean at 0300-0530, 1000-1600, 2000-2300 on 4551.5; and 1000-1410 on 4115 (Kouji Yamada, Shinjuku-ku, Tokyo, Japan) Welcome to MASWA, Kouji! See elsewhere for sked of English from this station: (gh)

CAMBODIA R. Australia's Bangkok correspondent quotes Thai border officials who claimed they recently monitored a radio station operated by "rebels" in Cambodia. (c) BEC MS 8/21

CLANDESTINE GRANNY

HIDEOUT Able Nathan, of the Voice of Peace, has been arrested and deported to Rome. (IE n x item 9/22 via gh) Voice of Palestine, anti-Israel, pro-Palestine clandestine in Arabic and Hebrew on 6662 at 1100-1200, has not been heard since 7/13 (c) BECMS 8/14 The Kuwaiti paper Al-Ra'y al-Amm says security forces are trying to find "al-Fayah radio from Kuwait" an illegal radio station heard at 1000-1100. No further details. (c) BECMS 8/21

Egyptian Government Closes PLO Station

CAIRO (AP) — The Egyptian government has closed down the Palestine Liberation Organization's Voice of Palestine radio station in Cairo because of its attacks on Egypt's latest interim agreement with Israel, informed sources reported.

Egypt's action came the day after the Voice of Palestine station in Baghdad, Iraq, broadcast a report that an attempt was made to assassinate President Anwar Sadat last week after he agreed to the Sinai pact.

However, a PLO spokes-

man in Cairo said the Baghdad station is operated by a group of "mercenaries" who have nothing to do with the PLO. Egypt dismissed the Baghdad assassination report as "untrue, a lie and rubbish."

PLO OFFICIALS declined comment on the closing of the Cairo station.

A witness said the station was closed down by Ministry of Interior officials who evicted broadcasters from the building. The Voice of Palestine here, established in 1965, broadcast in Arabic through the powerful transmitters of Cairo Radio.

AFRICA Recent R. Tanzania skeds reveal that the Molinaco (Comoro island) pgs, daily at 1815-1830 for several years, has been dropped. (c) BECMS 8/14

A Zambia BS sked for 8/75 shows an Angolan MIA program, "Kwacha-Angola" 2000-2045 Mon-Thu on 9580 7235 6165 6060 in Portuguese, Umbundu, Luvale and Tchokwe. Other such pgs on ZBS: Suns only on 17895 11880: 0600-0700 Zimbabwe hour of ANC in English, Shona, Ndebele, and 1100-1115, 1130-1215 Voice of Namibia (SWAPO) in English, Subia, Ovambo, Herero, Nama, Xon-Sat on 3580 7235 6165 6060 Zimbabwe hour at 1600-1700; South Africa hour at 1700-1800 daily in Eng, Tswana, Zulu, Sotho, Xhosa, Shona; 1830-1930 daily V. Namibia. "Kwacha" also in Lunda, Abundi, Kwanaama (BECMS)

EUROPE R. Euzkadi returned 8/4 after a several-week silence due to installation improvements. (c) BECMS Radio FLA. Acores, A Voz do Povo has been QR'ing Emissora Nacional from a highly professional-looking studio, shown on French TV 8/18; thrice daily. (Bernard Chenal, Moulhouse, France,

Washington Star, 9/12 via Hadley Cross, VA SCDX 8/26)

BROADCASTS IN ENGLISH

(Careful readers of LN will note a certain overlap in other subsections -gh)

EUROPEAN PIRATES R. Gemini was back on the first August weekend, from 1000 vy strong on 6237; R. Valentine, 6225, quite good 8/3 1000-1400, in regular bcst. Sked first Sunday of each month; addr: Code Nr. 41, D-76 Offenburg, PO Box 1823, W. Germany. All Star Radio, hrd occasionally testing on 6230, same as R. Valentine. Independent Broadcasting Association has been testing on 6226 some Sundays, 50watts, promises more. Near Nordhorn, close to the Dutch frontier: IEA, D-444 Rheine, Postfach 512. All Music Radio is reported to operate on 5060 0100-0300 on first Sun of each month; on 6230 3rd Sund, 1000-1100. Haven't heard it yet. (John Campbell, Scotland, via NU 8/23)

ASCENSION The complete BEC WS 1975 sked (AM=includes African alternative; **AA plus French)

6005AA	0300-0730	7105*	0300-0630	9580	0330-0500	11770AA	1600-1745	15400AA	0730-1745
--	2000-2245	7270AA	0500-0700	9600*	0500-0915	11820	1745-2115	17840	1500-1615
6055	2245-0315	9580	2000-2115	9695AA	1700-1745	11860AA	0730-1130	Underlined	to NAM
6140	1800-2115	2115-0330	11740AA	1615-1645	15105	1645-1815	(BBC, gh compiled)		

AUSTRALIA Radio University, Box 1, Kensington NSW 2033 operates on 1750 kHz with 300 watts roughly at 0700-1130 Mon-Fri; ed. material, some Nederland transcriptions (John Campbell, NU)

AUSTRIA ORF replaces 5980 with 6015 at 0430-0500 to WMAA; no good; VOA 6020 (gh)

CANADA BEC relay at 1600 on 15365 will presumably change to *1700 10/26 due standard time. (gh) RCJ changes 51975 compared to J1975: 0100, 6085 power drops from 250 to 125kw; 0400-0600 is back on 6135 // 9655, ex-11835 a few weeks; 0620, 0700, 0720 on 9655, 6140 ex-9605, 6145; 1115 drop 15175; 1800 11855 power up from 125 to 250kw; 2100, 9625, 50kw, ex-17820 (gh)

ENGLAND Current BECWS to NAM (underlined) plus selected other supplementary.

5975	2115-0430	9410	0230-0730	11750	1700-0330	15070	1100-1330	17705	0900-1745
	0500-0730		0900-0145	11780	2115-2245		1330-0230	21470	0900-1615
7150	0545-0915	9580	0500-0730	11955	0545-0915	15260	2000-2115	21710	0730-1745
7185	0300-0730	9640	0545-0915	12095	0900-2030		2115-2245	(compiled by gh)	
7325	2245-0330	9915	2245-0330	15070	0500-1100		2245-2330	(see ASCENSION)	

FRANCE TWR-Monaco's complex English sked for October (#=one hour later from 10/27): Mon-Fri #0625-0755 on 41m; -0600# Sat/Sun#0800-1030 Sun on 31m; #0930-0900 (sac) Tue on 31m; #0930-0945 Wed on 31m; 1900-1915 Tue/Wed on 25m. 41m probably 7105; also listed 7135 7175 7180 7205 7230 7245 7260 7280; 31m: 9525 9635 9640 9655 9690 9735 9770; 25m: 11705 (used by RFI, 11760 (UN Radio), 11835 clear, maybe the one. (John Moritz Jr, OH; 25m check by gh)

RFI sked announced 9/16, 1700-1800 Paris Calling Africa; Eaf/Ind Ocean 11905 15200 15210 17855; Caf 15300 17860 21620; Waf 15360 15425 17720; Naf 11730 11745 11845, "...these frequencies are as accurate as possible, but you may find you can hear us on others, so we're always very keen to have news from you about that..." Looks like they get faster information from listeners than from their own engineering section! (Dave Walcutt, Carbondale IL)

GUYANA QSL from GBS reveals sked of 0728-0300 on 3290 except 1200-1900 on 5950; 10kw driving vertical aerial arrays of approx. 3 db gain, at Sparendaan, 6mi Eaf Georgetown (Moritz)

INDONESIA RRI 1100-1200 now also on 9710 // 11790 (Robert Yeo, W. Australia, NU 9/15 via)

KOREA NORTH Voice of the Revolutionary Reunification for Korea now broadcasts in English at 0530-0600 and 2300-2330 on 4551.5 (Kouji Yamada, Tokyo, Japan)

KUWAIT RK is on new 9525 at 0500-0600 (Raj Seebok, Lalantis, Mauritius, via SCDX 8/26)

MALTA Saturday transmissions on 9755 at 2015-2115 include: 2015-2045 AWR Voice of Hops, religious nx, DX; 2045-2100 "Malta Calling" perhaps MW relay, nx, talks abt Malta, nx; 2100-2115 IBRA Radio, gospel nx, IDs. All want reports: AWR, Box 2590, Lisbon, Portugal (for DX pgs only); Malta Calling, Box 82, Valletta, Malta; IBRA, Box 396, Stockholm, Sweden. (Mike Agner, Walldick NJ; Mike Barraclough, Letchworth UK)

NETHERLANDS ANTILLES TWR moves the 0030-0130 program from the short-lived 11830 to 11925 as of 9/21. I think there's bound to be more QRM there. (Arthur J. Watson, Burnaby BC) At this, QTH, 11830 couldn't have been worse; VOA; 11925 encounters Spain. TWR seems to be in a 'moving mood' after years on the same old channels. Also trying 15415 at 2300. (gh)

PAKISTAN Update the R. Pakistan sked as follows for fall: 0230-0245 21590 ex-15205; 0430-0445 21590 ex-11885; 0530-0540, 0700-0715, 0803-0806 on 21730 21590 17665 11885, ex-15520 15323.5v 15115 9460; 0930-0935 17665 15110, ex-15323.5v 11855; 1300-1310 17665, ex-17820; 1530-1545 11672 ex-17820; 0000-0010 11672 ex-11885 (compiled from NHEK DX 9/14 by gh)

SARAWAK R Malaysia QSL received 8/26 shows this English sked, 10kw xtrs: 4950 at 0800-1600, 2200-0100; 7160 at 2330-1430; 9605 at 0330-0730 (Chuck Shukis, Monterey CA) Considerably at variance with WRTVH 75; I wouldn't expect seasonal changes at this station... (gh)

SPAIN RNE's 0100, 0200 and 0300 programs are silent on Mondays (c) BEC MS 7/75

SRI LANKA SLEB testing 0900-1000 on 15120 17850, in English, announced as directed to Yugoslavia! (Mike Barraclough, Letchworth UK) Easier than Serbo-Croat, Slovene, etc. (gh)

SWEDEN 6035 should not have been listed at 0230; it's French (gh) See page LN-2!

SWITZERLAND SBC Fall changes: 0430-0500 6045 ex-11715; rest English same (HGJE DX 9/6, gh)

TRISTAN DA CUNHA Sked on 3290 is Sun/Wed/Fri 1900-2000, 20 watts. (SADXC via NZDXL via Victor Geometilleke via NU 8/30 via gh: good for dreaming, anyway!)

TURKEY VOF noted 9/13 on 9515, giving 11880 as // for 2200-0030; 15165 seems dropped (gh)

USA WYFR	51975	0445-0500	9690	1230-1600	15110, 1605-1700	17845	1845-2045	17845
0045-0500	9525	0445-0500	9715	17865	Sun	1605-1900	15110	1900-2000-2045
0100-0500	5985	1230-1400	11705,	1545-1600	as at	1700-1845	17865	2100-2245
0445-0500	6155	15150, 17730	Sun	left	Sun	1700-1900	15440	2100-2300
17875	(gh)							

AFRTS 6030 (2300)0030-1130(1200) 9755 0600-1300 11805 (0300)0400-0800(0900)

51975 6095 (0700)0800-1500 11775 (1800)- (2300) 15330 1230-0500(0600)

(gh) 9700 0600-1630(2115) 11790 1730-2300(2345) 15340 (1145)1330-2300

9755 2300-0130 11805 1500-1630(1800) 17765 (2100)2130-0400(0445)

May expand to parenthetical times for sports. 9755 omitted by mistake in July list! (more..)

USSR R. Moscow observed sked of the NAM service from European sites, effective Sept. 7:
 2300-0030 7100 9530 9655 9685 0100-0500 7100 7250 7290 9530 0100-0300 9655 0400-0500 7150
 2330-0030 7150 7250 0100-0200 7150 0130-0400 9700 (Sofia relay)

R. Kiev observed 0030-0100 GMT Tu/Fri/Su on 7150 7250 (all, Roger Legge, McLean VA)

R. Vilnius observed 2230-2300 Sat/Sun 7190 9530 9685 9745; 0030-0100 GMT Sun/Mon 9530 9685
 Current IFBB site listings are: 7150 Lvov, 7250 Tula, 7290/9530/9685 Moskva, 9655 Orcha.

RADIO MOSCOW TO NA. AMERICA FROM FAR EAST TRANS. SITES

KHZ. LOCATION	2200	2300	0000	0100	0200	0300	0400	0500	0600	0700
9710 PETROPAYLOVSK									E	
9735 PETROPAYLOVSK									E	
11750 VLADIVOSTOK									E	
71900 KHABAROVSK ②									E	
11960 PETROPAYLOVSK							A		E	
12020 PETROPAYLOVSK									E	
12050	U	E	U	E	U				E	
15180 KHABAROVSK							A		E	
15210 PETROPAYLOVSK	U	E	U	E	U	E				
15245 PETROPAYLOVSK						E	U	E		
17720 PETROPAYLOVSK	U	E	U	E	U	E				
17775 PETROPAYLOVSK	U	E	U	E						
17880 KHABAROVSK							A	E		
17900 VLADIVOSTOK									A	

NOTES:

- ① U = KIEV UKRAINIAN ON MON, WED, TH, SAT; KIEV ENG. ON SUN, TU, FRI.
 A = YEREVAN ARMENIAN/ENG ON TU, TH, SAT, SUN; MARYAK RUSS MON, W, FRI.
 ② OFF AT 0630 ON WED, FRI, SAT & SUN.
 ③ U = KIEV UKRAINIAN ON 7 DAYS/WK. (Bill Davis, Laguna Niguel CA)

UNITED NATIONS UN Radio contingency sked for English/French coverage of General Assembly and Security Council, now in session, all via Greenville, USA; (normally opens 1430 -gh)
 6055 2300-1000 9520 0500-1000 11760 0000-0500 15410 1900-2200 15415 2200-2345
 9510 1000-1200 11760 1900-2300 15410 1400-1700 15415 1000-1400 21670 1100-1700
 VATICAN VR is back on 6165 at 0100-0115, ex-11845? Actually on claimed 11705 at 2230; (gh)

DX PROGRAMS

AUSTRIA's is more possible in fall, winter; try Sundays 0915-0930 on 7170 9770 17870; and at new time 1805-1830 on 9690 15335 17770. English; guess there's no Spanish any more (gh)
 CANADA RCSWC in German will not be dropped (Ian MacFarland) Portuguese finally read the Thorgersen letter on 9/20. Spanish did before a 3-week vacation (to resume 10/5) but its fate was not decided. French still solicits new members 9/20 (gh) Each language section decides on its own whether to continue the program. (MacFarland)
 CZECHOSLOVAKIA Missed it!! R. Praga ended the Sept Spanish DX show at 0222 (gh)
 ECUADOR HCJB's Spanish Program DX was erratic, but was on 9/11 and 9/18; some nonsense after all, like Letter Month plugs (gh)
 FRANCE TWR-Monaco's DX Special is on Sats at 0920-0935 on 41m; 0940-0955 on 31m (Moritz HB)
 MALTA The WDXC pga is on Sat at 2020, 9755; strong sig. (Jerry Berg, MA) Good here too (gh)
 NETHERLANDS Alternate DX Juke Box opportunities are: 0645-0720 on B11730; 15415 2200-2345 1815-1850 on H11740, L1 15415 17810 21480; 1845-1920 on L1 17700 11730, all Thursdays (gh)
 NEW ZEALAND RNZ has moved Cushen's DX world to 0745-0800, on 9540 and new 6105; still 1030-1045 on 6105, 9520, both first Wednesdays; following Sat. 2315. All three should move an hour earlier starting in November due to DST in NZ. (gh)
 SOUTH AFRICA R. RSA's DX Corner is adding a second edition on Saturdays for the more advanced DXer, as from November; the Wednesday edition will continue for the beginner and general listener. Support is requested. (Gezzy Wood, R. RSA via Mac Leonhardt, IN)
 SWITZERLAND A contributor to the RCI Spanish DX pga 9/7 mentioned a DX program from Suiza; either he meant Suecia (Sweden) or was referring to "Antena para Todos", first & 3rd Sats (GMT Sunday) at 0105-0130 on 6135 9570 11850 15305; 0220-0245 on 5965 6135 9725 11715; it seems more like a mailbag than a DX program to us. (gh)
 USA! New 50-kw station KDNW, 720 kHz, Las Vegas NV now has a weekly 1½ to 2 min "DXer Report" Thursdays at 0445 GMT prepared by IRGA, so presumably concentrates on MW items. When DST goes off, should change to 0545; KDNW blankets the coast states, but has a deep null toward Chicago. (gh) USSR Despite last month's paper correction, Kiev's DX is on Tues after 2nd Mon, hrd 0313-0326, so also 0047-0056; letters, haz news, club plugs; try 10/14 (gh)

PROGRAMS

"Hearing stations without listening & profiting from the programs seems rather pointless."
(Hans J. Rakow, Sherwood Park, Alberta)

CANADA At the beginning of November RCI will begin sending The World at Six and As It Happens via shortwave to the eastern U.S. (John Irwin's Radio & TV column in a Canadian newspaper via Ian McFarland) This would be at 2300-0100 GMT Mon-Fri: may help elsewhere CBC NS is difficult to receive; both frequencies' beams are centred on the Sverdrup Islands. Note the clippings, maybe appearing this issue, re a Gallup poll showing RCI more popular than the BBC in the USA. Contrary to the summer NS sked, BBC comedy shows have been running weekdays at 1930-2000, e.g. Just A Minute. (gh)

EQUADOR During the coup on 9/1 HCJB carried usual programming, Morning in the Mountains, Shalom, etc., but discretely dropped its newscasts. Prerecorded tapes mentioned news upcoming but the news never showed. Once the outcome was clear, it was business as usual although with only the wire service reports. Rdif. Nacional signed off as usual 8/31 but was not on the air 9/1 and 9/2 that I could tell. R. Quito was on although too badly QRMed to be useful. (Jim Whitehead, Reading MA) HCJB's Spanish service pays more attention to domestic news; no doubt they are in a touchy situation and have regular contingency plans for revolutions, coups. I noted them 9/2 at 1240-1250 relaying an on-the-spot report. (gh)

GREAT BRITAIN For the first time on radio anywhere in the world. BBCWS presents a major drama series of 12 half-hour adaptations of some of Ernest Hemingway's best-known short stories, Sats. 1130, Tues. 1615, 2330, beginning Oct. 11: The Three-Day Blow; then, The Undeafed; The Gambler, the Nun and the Radio; The Battler; The Sour Lees of Love; and The Killers. Shakespeare's Macbeth, starring Peggy Ashcroft and Paul Scofield, will appear in Theatre of the Air, Oct. 18-19 and 25-26, 1830-1930, 0030-0130, 1130-1230. Gordon Jackson ("Hudson" in Upstairs, Downstairs) stars in Spoiled, by Simon Gray, same times Oct. 11-12. USDS' Jean Marsh is an upcoming guest on a new Just A Minute series. Hear this "hilarious mixture of fury, fantasy and farce," this "lightning battle of wit and wisdom," Sats. 0945, Mons. 2330, Weds 1615. And, The Goon Show is back, Sats. 0230, Suns. 1430, Tues. 1030; (gh)

ISRAEL ORTI's English programs at 2000-2055: Sun-Fri. News, Newsreel & Press Review, followed by: Sun. Magazine incl. A Visitor to Israel; Mon. Magazine; Tues. Feature Interview and Songs of the Old Days; Wed. Magazine and Israel Swings; Thurs. Personality Interview and frequency sked; Fri. News from the Jewish World, Songs from Israel; Sat. News Bulletin, This Week--news review, and Calling All Listeners incl. DX Corner. (via Larry Magne, PA)

NETHERLANDS Happy Station on Sundays is most enjoyable, but it seems that DXers do not listen to much programming as a medium of entertainment. We should realize that many interesting comments on DXing through listeners comments and letters read on these programs, often out-weigh those on DX programs: (Arnold J. Lausevich, Milwaukee WI) For comedy, don't forget RN's Saturday programs. (Richard N. Allen, Billings OK) Maybe some will find amusing(gh)

PORTUGAL R. Portugal's NA service has been giving a straightforward account of the political upheaval in Portugal. In a few programs, there seemed to be a pro-communist tilt, but in the last few weeks the coverage has been balanced, giving accounts of both socialist and communist activities. The only tendency has been to underplay some of the more intense conflicts between the two internal factions. The 9/5 GMT broadcast reported that pro-communist former premier Goncalves had been asked to stay on until a new government was formed; however, US news accounts reported Goncalves had permanently stepped down. So, if R. Portugal is balanced, it is not timely. US news sources have been reporting that Portuguese media are under the control of the communists. There seems to be a discrepancy because RP NA service at least seems to be free of communist control. The same English-language announcers have been heard on RP since the time of the right-wing regime, and all during the Spinoza and post-Spinoza governments. Obviously, the announcers are adept at bending with the political wind. (Kim Andrew Elliott, Minneapolis MN)

SWEDEN Let's not overlook Radio Sweden's famous Saturday Show for comedy. This fast-paced program consists mostly of socio-political satirical skits with contemporary music in the intervals. The program specializes in taking verbal crackshots at Sweden's own governmental policies, a rare happening on SW. SR devotes its entire Sat. eng. time period to this, skipping even a news bulletin. In my opinion, Saturday Show is the most humorous and entertaining program on SWBC. (Kim Andrew Elliott)

USA AFRTS: National Town Meeting continues, with a fall series, Weds. 1430-1530-5, States of the Union first airing moves to Mons. 0400-0500, rep. Sats. 0800, Oct 6/11 NC, 13/18 RI, 20/25 VT, 27/Nov 1 KY, 3/8 TN. Your Future is actually your past!--old time radio, including undated VA plugs, Sats. 1415-1430, 0215 usually preempted, 0815, 2015 always. Sports buffs may enjoy Leonard's Losers, Fris. at 1735. NBC's Struggle for Independence bits are grouped alternate Sats. 0535-0600 and 1135-1200, the Fri 2335 and Sat. 1735 airings almost always preempted. CBS fooled us, delaying another 30-part special from Labor Day on 9/20-21, quickly packaged GMT Fri 9/26. We're trying to get advance notice of future series!(gh)

RADIO GUIDE, mostly Chicago FM skeds, but with Steve Handler's SW column is also available by mail. 75¢ each or \$6/year to Radio Guides, PO Box 5078, Chicago IL 60680 (gh)

SOLAR/TERRRESTRIAL CONDITIONS Solar Act. very low all dates. Date / Flux / A index / Field:
25 60 3 Q 30 85 16 A 3 86 3 Q 7 90 8 U 11 80 18 A 15 73 6 Q 19 76 8 U
27 82 4 Q 31 85 7 U 4 91 2 6 Q 8 87 6 Q 12 79 15? A 16 73 6 U 20 76 5 Q
28 82 2 Q Sep 186 7 Q 5 93 4 Q 9 83 14 U 13 74 18 A 17 74 11 U 21 76 5 Q
29 83 28 Q 2 86 6 Q 6 94 12 U 10 81 22 A 14 73 12 U 18 76 11 U 22 75 3 Q

Low A correlate with good propagation; high flux correlates with MUF. 13m improved considerably in September, for Europe/Africa/Mideast reception in our mornings. Watch out, Oct!

M I S C E L L A N E A R A D I A L

WARC 1979 (Of August LN) The Working Group concerning international monitoring has been deleted. However, the International Broadcast Working Group is still in existence and expects to have its first meeting in early October. Additional meetings will be held on a regular basis throughout the next few years. Persons not able to attend these meetings in Washington, DC, but having comments regarding the future allocation of frequencies for international broadcasting can send letters to the International Broadcast WARC Working Group, c/o Steve Selwyn, Room 350, Federal Communications Commission, Washington, DC 20554. No specific format has been announced yet for the WARC Working Group, but preliminary plans are for the Working Group to be divided into specific task forces. I will try to attend some of the meetings in DC... (Kim Andrew Elliott, Minneapolis MN) I know a couple of other NASWAers have inquired about joining, only to get the run-around. (gh)

SWLs ARE DUMB So must certain broadcasters think: why else would HCJB inform us endlessly that Ecuador is in South America? (Imagine a North American station continually revealing its continent!) Why else would Radio Japan always identify Kyushu as "Japan's southernmost main island"? Why else does VOA explain the geographical region of any state? (gh)

POSTAL PROBLEMS I've noticed something strange lately: regular mail for me from the US arrives daily or once or twice a week, but overseas mail comes in large bunches of 2 to 5 letters, and in most cases the overseas mail for one bunch is all from one section of the world, like 3 from Europe or 2 from South America. Uncle Sam's Magical Red Tape Machine really confuses me any more. (Bob Underdown, Siloam Springs AR) Recently I have received memos from station correspondence regarding receiving material postmarked but received 6 or in some instances 8 months later. This is happening at their end. I'm wondering if others have experienced this problem at frequent intervals. Perhaps it will help to write to the Consumer Advocate, US Postal Service, Washington, DC 20260. (Arnold J. Lauevich, 53208) Maybe, but I tried once and never could even get a definite ruling on a postal rate. (gh) USPS indicates mail service is again resumed with the Khmer Republic; also Laos. Envelopes can now be addressed to Khmer Rep., without also adding the, to them, insulting Cambodia designation for the sole benefit of the USPS. (Ralph W. Perry, Libertyville IL via NU 8/30)

JAMMER HOLIDAYS Cheer up! If DX on a frequency is blocked by a jammer (and perhaps its jammer) you may catch the jammers on holiday when the jammers are doing the same. All broadcasts from Israel were silent on Yom Kippur (Tishri 10), that is sunset Sept. 14 to SS Sept. 15, 1975; Oct. 3/4, 1976, and likewise the Soviet jammers. Radio Free Europe is not jammed in all languages, but all except Bulgarian sign on Sundays at 0555 instead of 0355. Radio Liberty is heavily jammed, but all its Spain transmitters rest alternate Wednesdays at 0900-1300; its Germany transmitters are off alternate Thursdays at 0700-1100. East European language programs from RNE/Spain took the entire month of August off! (last(c)BECMS: gh)

TIME STUFF SPEEDX has published a free (for SASE or 2 IRCs) supplement to its sunrise/sunset booklet covering 55 additional broadcasting sites, and the method of computation for any other site. The original 288-site list is \$1 or 6 IRCs; from SPEEDX, Box E, Elsinore CA 92330. In both, SR/SS times are given for middle of each month, in GMT. (gh) The Egyptian government approved a bill providing for the cancellation of Summer Time in Egypt in 1975. (c) BEC MS 7/31. Jordan reverted to GMT + 2 at midnight 9/5; as did Syria at midnight 9/6 (c) BEC MS See July LN for further time reversion plans. (gh)

MOST WANTED COUNTRIES Victor C. Jaar suggests it's about time for a second such survey: cf LN, Aug. 1973; since many changes have taken place. How about it? (gh)

ANTENNAS I wonder whether anybody has done experimental work with rotatable mini-beam antennas the size of TV yags and what the results were, say on 31m- or with loops? Kind regards to everybody. (Hans J. Rakow, 34 Wren Cres, Sherwood Park, Alberta T8A 0G5, Canada)

PRECISION VS. INFERENCE FREQUENCY MEASUREMENT Questions have been raised about the accuracy of the IFM technique I described in the August SWC, so a 'competition' was arranged with Heath IB-1101 frequency counter owner Charles A. Taylor of Indianapolis, for Aug. 30-31. I chose 13 station-pairs, one each of which was obviously off-frequency. At pre-arranged times we each measured frequencies by our respective methods; we both managed to hear both stations during 8 of the times. These were the results; all freqs in kHz. ~ = rounded

Stations	IFM	PFM	Abs. error	IF	PFM	Abs. error	Note	Inf. Precs.	Rel.
Mozambique/KGEE	<9618.32	9618.305	+0.015	9615.00	9615.021	-0.021	G#<3.32	3.284	<0.36 .04
ElSalvador/RAI	<9576.15	9576.123	+0.027	9575.00	9575.004	-0.004	D<1.15	1.119	<0.31 .03
Univ Mex/Perth	9609.44	9609.440	.000	9610.00	9610.000	.000	C#	0.56	0.560 .000 .00
Zaire/Brasilia	v15244.655	15244.636	+0.019	15245.00	15244.984	+0.016	F	0.345	0.348 .003 .00
Turkey/VOA	15164.58	15164.603	-0.023	15165.00	15165.005	-0.005	G#	0.42	0.402 .018 .02
Zaire/RN-SFE	v15244.655	15244.647	+0.008	15245.00	15244.976	+0.024	F	0.345	0.329 .016 .02
LVChile/DW	9566.10	9566.051	+0.049	9565.00	9565.000	.000	C#	1.10	1.051 .049 .05
Zaire/VOA-Tan	7116.11	7116.066	+0.044	7115.00	7114.992	+0.008	C#	1.11	1.074 .036 .04

v-frequency varied between 15244.65 and 15244.66; mean shown. **uncertain ID due to QRM. Each of us mailed the results to the other immediately upon completion, should anyone think one's influenced the other's. That is, I had not seen Charlie's before sending him mine. The maximum error was 49 Hz--less than AC hum; as one would expect, errors tended to be greater when the frequencies were further apart. Various sources of error combine: reference stations (5th & 6th columns) were up to 24 Hz off; inaccuracy of plane tuning; and my 'ear'; rounding of net frequencies in table. IFM accuracy proves to be greater than one decimal place, but generally less than two decimal places. Thus, lacking a frequency counter, IFM is a useful tool, of equal or greater accuracy than frequency meters. There is no 'mystique' to frequency measurement; all readings have tolerances, degrees of accuracy! (gh)

THE DOGHOUSE (Some QRM is unavoidable; eligibility for residence here small depend on deliberate or negligent usurpation of a frequency already used by another station at the same time, and in the same or overlapping coverage areas -gh) **IN:** WYFR on 9690 at 0100-0245 to Mexico--just when RAE-Argentina would be reaching a considerable audience there. 9690 has been RAE's only 31m channel for decades: RAE also gets it from United Nations Radio on 11710 at 2300-2350, when UN sessions extend into the evening, besmiling to SAM: UNR also conflicts with BBC-Ascension evenings on 6055--a rare instance of uncoordinated VOA & BBC transmissions. **OUT:** HCJB has left 15270 for fall, clearing that once again for NHK; however the new 15160 must obliterate XEW's coverage in SAm, as it does here. **IN** (gh)

DON'T YOU BELIEVE... That DW broadcasts in Greenlandic at 1900-2000 (or any time). R. Australia's 9/21 DX took "Griechenland" to mean Greenland, rather than Greece. That Ecuador has lots of stations in the 120m band, as Rogelio Stubbe claimed in his 9/18 Programa DX on HCJB. That S.A.N.A.E. stands for South America & North America in Radio RSA's sked, as Clayton Howard guessed on HCJB 9/13; it's South African National Antarctic Expedition. By the way, the Radio RSA sked read out that day was wrong, too. That RCI is a "tiny operation, not in the big league at all...about on a par with Ghana, except they have more powerful transmitters" as RCI's director Alan Brown was quoted as saying in Joan Irwin's Montreal paper RTV column. Ghana makes much less use of its 4x100 kw and 2x250 kw xtrs than does RCI of its 3x500 kw and 5x250 kw xtrs at Sackville alone. ...the SR/SS times for Lord Howe Island in SPEEDX's otherwise fine booklet. (gh) Radio Moscow's frequency annts. As of 9/10, RM still announcing June/July frequency sked; Kiev and Vilnius also out of date. (Roger Legge) Taking the cake is ORF's explanation for sticking on 5980 all summer at 0400-0600 to WNAIn: My recommendation of clear 6110 could not be accepted because CBC-Ottawa is supposedly registered there. ORF also feels that RSA's 5980 signal stops at the continental limits of Africa. They went to 6015 to protect BBC-5975, which hardly needs it. Actually, ORF should have been on 25m during the summer, as nearby Poland and East Germany succeeded there. (gh)

ESPANOLNOROS Finally, some good evidence the 5-digit Spanish numbers 'spy' transmissions may come from Cuba after all, despite recent theories of US origin. On 9/3 at 0639 on 6820 kHz, I clearly heard R. Habana Cuba (English) program audio in the background, //9525. This went off when the numbers carrier was cut at 0642. It seems likely they mixed at a single Cuban transmitter site; tho both signals were very strong, receiver cross modulation seems unlikely at such a separation; not to be heard on calibrator-6800. (gh)

RADIO LIBERTY transmitter sites for S1975. (R=Russian only; X=other Soviet langs only). These are exclusively Lanperthein/Germany: 3960R 5955 6170R 7155R 7220 9520 9555X 11970X 15290 15340X 15380 17760. These are exclusively from Playa de Pals/Spain: 7105X 7180X 7295 9660 9680 9750R 11770R 11875 11935R 15130 15225 15370 17750 17855R 17875R. And these are used by both depending on the time: 11875 Spain 1700-2100, Germany 0400-0600, 11935R Spain 0300-0600, Germany 1830-2100, 1445R Spain 0900-1445, Germany 0500-0900, 17895R Spain 1400-1815, Germany 0500-1200. **RADIO FREE EUROPE** Portugal/Germany is much more complex, except that in all seasons, all transmitters on 15 MHz and up are in Portugal (Germany is too close to Eastern Europe for such high frequencies) as are most of the 11 MHz channels. Lower bands are mixed, except both 75ms, 3990 and 3970 are from Germany. RFE's sole 10kw xtr in Portugal currently sked: 0355-0600 (exc. Sun) on 11725; 0605-0750 (Sun 0555-0735) on 17805; 0900-1610 on 21665; 1650-1840 (Sun 1625-) on 17805; 1900-2300 on 11725, all Polish (gh)

FUTURE PLANS Bolivia R. Beni 4990 hopes to raise power from 500w in 1976 (Tony Jones, NU) Brazil RNB plans a total of 3x250kw xtrs, some in Recife, Boa Vista areas (R. Stubbe, HCJB 9/5) Costa Rica R. Relej reports the Agriculture Ministry has proposed creation of a gov't. radio/TV station to be placed at the service of the ruling party. To finance it, a 25% tax would be levied on the budgets of private concerns. (c)BBCMS 9/11 French Guyana is an outside bet as a possible future RFI relay site. AP reports France will pump \$160 million into Haiti in 1976 to improve communications and develop paper production. (Ralph Perry II, NU) HAITI LV Rév. Duvaliériste plans to resume SW operation, apparently with new xtrs (Victor G. Jaar, 10/74) SINGAPORE EDXC/Karachi says BBC has confirmed that the Tebrau relay will be resited in Singapore. BBC accepted offer of a site lease in NW part of island; meanwhile, Malaysia has agreed to extend the 3-year notice it gave BBC in 1972 until new facilities are ready. (Gregg Calkin, via NU 8/30) SOUTH AFRICA Radio RSA has been authorized to instal 3 new 500kw xtrs at the present site; new antenna arrays must also be constructed. No target date known yet. (Gerry Wood, R. RSA via Mac Leonhardt; also reported by Richard Wood, A. J. Lausevich, Arthur J. Watson, David Snyder, gh) SRI LANKA 50 years of BC in SL will be celebrated on 12/16/75. Special programs will be aired during the following Radio Week. (Oliver T. Goonewardena, SL, SCDX 9/2) USSR Visited Radio Kiev on recent Soviet holiday. Says soon hopes for daily English broadcasts (Mike Barraclough, Letchworth UK)

COMMENTS ON RCI'S MOVES A total disregard exists as mentioned "in the interest of programming". This disregard focuses unfortunately upon the DXer. RCI must be hurting (financially) as their policy of "interest of programming" is going out the window. (Lausevich) The RGSWC program probably accounted for the smallest percentage of our annual program budget of any program we put on the air. (Ian MacFarland) I feel like this is a bad dream. I feel sorry for the people just getting into SWL and DXing who'll never hear the program. I can't believe RCI would do this to us! (Bob Underdown) Spoiled by success. Going from one extreme to the other. Discriminating against English-speaking listeners. Lamentable. (gh) Protests may be sent to RCI Audience Research, 4th Floor, 1400 Dorchester Blvd E, Montreal H2L 2M2.

INTRUDER WATCH US military is still at it. "China Rose" and "Map Course" on SSB 6020 at 1915 9/15; "Analog 1" and "Analog 2" SSB, fax tests on 9693 at 2047 9/15. (gh)

PERSONAL from gh Hmmm...I've visited 3 ISWB stations, 4 if you count xtrs, not just one... Reader reaction to including BBC MS MW items quite favorable, only one objection, but finding available space is the problem!! SCDX 9/23 sez R. Korea on 11850 instead of 15335. 73.

41 METER COORDINATED MONITORING EVENT

Dan Ferguson, NASWA Competition Chairman, P.O. Box 8452, S. Charleston WV 25303 USA

The following is a "survey" of the 41 meter band based on the loggings made in the 41 meter Coordinated Monitoring Event, August 23 & 24. Of course, quarterly changes took place September 7. However, much of the data is still accurate, and this listing will provide a good starting point for anyone wishing to concentrate on 41 meters for a while.

7010 CHINA R.Peking, Spanish 2300-0000.
 7010 PAKISTAN Islamabad, 1215-1230+. (WRTH lists 1200-1325 & other times.)
 7025 CHINA PLA, Fukien, 1015-1130+; gone at 1200.
 7030 CHINA R. Peking (Listed) in Chinese around 1200+.
 7048 INDONESIA RPKD at 1220.
 7050 EGYPT Cairo, widely heard in AA 2200-0400+.
 7055 CHINA Peking, 2020-2150.
 7058 JAVA RRI Jakarta, 0745 & 1015-1300+. One rptd on 7055, one on 7057.
 7060 CHINA R. Peking, 2300+ & 1215-1320+.
 7065 ALBANIA R.Tirana, 2200-0500+.
 7075 ALBANIA R.Tirana, 0405 lang.
 7075 EGYPT Cairo, 2200-2245, 0430.
 7085 PAKISTAN R.Pak., 2130-2146* EE.
 7080 ALBANIA R.Tirana, 0410. (out of order)
 7090 ALBANIA R. Tirana, 2215 & 0420.
 7095 CHINA R. Peking, 1200-1300+.
 7100 INDONESIA Yogyakarta, 0900-1200*.
 7100 USSR(Eur) R.Moscow, 2200-0500*.
 7100 USSR(As) R.Moscow, *0800-1300+, also 1915.
 7105 SYRIA Damascus, 0446-0456*.
 7105 SPAIN RNE, 1850-2130+
 7105 SRI LANKA VoA, Colombo, *0100-0330*.
 7105 ASCENSION IS BBC, 0230-0715*.
 7105 MONACO TWR, 0530-0700.
 7108 THAILAND Thai TV, 1200-1245+.
 7110 SAUDI ARABIA Riyadh, 2200-2300*.
 7110 DODECANESE IS VoA Rhodes, *0400.
 7110 II VoA, 0159 Arabic.
 7110 SRI LANKA VoA Colombo, 1320 under R.Malaysia .
 7110 MALAYSIA R.M., Kuala Lumpur, 1045-1320+.
 7110 JAVA RRI Yogyakarta, 1200-1230+.
 7115 TANGIER VoA, 0200-0230.
 7115 PORTUGAL RFE, 2120-2245+ & 0030+.
 7115T CHINA R.Peking, 1138-1320+.
 7115 THAILAND R. Thailand, 1315.
 7115 UNID strong in AA but under ARC QRM at 2305.
 7115 USSR Unid tx w/Mayak pr *0300-0310+.
 7116 ZAIRE Kinshasa, 0100-0530+.
 7120 ENGLAND BBC, WS 2015-2350+, EE by Radio 0530-0545.
 7120 ALBANIA R. Peking, 2200 EE, 2300 SS, 0000 SS, 0100 EE, 0200 SS, 0300-0400 EE.
 7125 INDIA AIR, Delhi, 1350+.
 7125 SRI LANKA VoA Colombo, *1600.
 7125 GUINEA LV de Rev., 0435.
 7125 RSFSR(As) CC 0720. RP&P listed.
 7130 ENGLAND BBC WS 2300-0330+.
 7130 RWANDA DW Kigali, 0530-0615.
 7130 TAIWAN BCC, 0915-0930+ & 1225+.
 7130 UNID 1413 EE mixing w/RR stn.
 7135 FRANCE R. France International, *0500-0530.
 7135 LIBERIA VoA Monrovia, 2128-2230* FF
 7135T SARAWAK RMS, Kuching, 1245.
 7135 RSFSR(As) Mayak? //7320 0500, 0700+ in USB; 0805 RR in USB; 1228 SSB, maybe RR.
 7139 INDONESIA RRI Ambon, 0900-1100.
 7140 CYPRUS BBC, *2115, 0000 EE, 0030 Bengali & other lang to 0230, EE 0230.
 7140 GREECE KIRT, *2000-2049* Greek.
 7140 CHINA R. Peking, CC 1200.
 7140 JAPAN NHK, *0900-1000* JJ, 1230+ RR.
 7140 USSR R. Moscow, EE 2330.
 7145 POLAND Warsaw, presumed, 0525, Polish sked.
 7145 ITALY RAI, 2330 SS.
 7145 SARAWAK RMS, Kuching, 1050 & 1345-1400.
 7150 INDIA AIR, 2205-2230* EE.
 7150 W.GERMANY DW, -0330 GG, 0330 Swahili, EE 0430.

- 7150 USSR "R.Vilnius", 2245-2258* EE.
 7150 ENGLAND BBC WS 0545-0630+. Sked to 0915.
 7150 TAIWAN VoFC, 1335.
 7155 PHILIPPINES VoA, *1000-1315+.
 7155 JORDAN Amman, 0350-0400+, AA.
 7160 INDIA AIR Madras, 1600.
 7160 USSR Petropavlovsk, 1918 RR.
 7160 USSR R. Moscow, RR 2225-2300+, 0330 RR, 0400RR, 0230 RR.
 7160 SARAWAK RMS, Kuching, 0840 CC, also 1200-1230.
 7160 MOROCCO VoA Tangier, 0730 EE.
 7160 INDONESIA RRI Jayapura, 0840-1100.
 7165 RYUKYU VoA Okinawa, 0900-1400+.
 7165 ETHIOPIA ETLF, 0300-0425*.
 7165 PORTUGAL RFE. 2250-2255 Csech.
 7170 S.AFRICA SABC, 0540 Afrikaans.
 7170 GREECE VoA Kavala, *0300-0315+; 2130-2200*.
 7170 SINGAPORE R. Singapura, 1100-1125+.
 7170 USSR Unid, Mayak, 1110 & 1330.
 7170 NEW CALEDONIA Noumea, 0459-1103*.
 7175T VIETNAM Lib Radio, 1105.
 7175 LIBERIA VoA-Mva, 0310, 0600-0630 FF.
 7175 W.GERMANY DW, 2200-2255 PP.
 7180 INDIA Bhopal, 1430*.
 7180 LIBERIA VoA-Mva, 0300-0430.
 7180 HUNGARY R. Budapest, 2045 GG, 2130 EE, 2300 SS.
 7180 MALAYSIA BBC FES, *0930-1230+.
 7185 S.AFRICA SABC, 0445-0600+, 1350(long path).
 7185 ENGLAND BBC, 0300-0512+. 2310.
 7190 USSR R. Moscow, 2230-0300+.
 7190 YEMEN(PDR) Aden, AA *0300-0350+; AA 2122-2200*.
 7190T CHINA R.Peking, CC 0740.
 7190 SRI LANKA SLBC, 1408-1415+ EE.
 7190 MOROCCO VoA Tangier listed here by many at 0000, 0300, 0430. I can't locate my current VoA fgy skeds, but in past this was Woofferton.
 7190 ENGLAND VoA Woofferton. listed here 0200-0230 by some.
 7190 UNID 1936-1950 in AA.
 7195 LIBERIA VoA-Mva, 2000-2200* EE, 0300-0530+ EE.
 7195 RUMANIA R.Bucharest, *2200 GG.
 7195 JAPAN NHK, 1250.
 7195T ETHIOPIA ETLF, 1400, long path.
 7200 ENGLAND VoA Woofferton, 0300-0615 EE.
 7200 RSFSR(As) Vladivostok, 0930-1400+, 1920.
 7200 MALAYSIA RM Panang, 1140. (But where was Vladivostok?)
 7200 SUDAN Omdurman, *0400 AA.
 7200 YUGOSLAVIA Belgrad, 2322.
 7205 GREECE VoA Rhodes, EE 2150-2200*.
 7205 PHILIPPINES VoA, 1315-1345+.
 7205T CAMEROON Yaounde, *0700.
 7205 UNID, 0911, gone 0945, lang.(hrd on WCNA.)
 7210 ENGLAND BBC, 0300-0500, 2200.
 7210 RSFSR(As) Khabarovsk, 0650 Mayak.
 7210 NETHERLANDS R. Nederland, 0730+.
 7210T INDIA AIR Calcutta, 1415 sub-cont. mx. WCNA.
 7210 W.GERMANY DW, *0120-0200+ EE.
 7215 IVORY COAST Abidjan, 2150-0000*. Also 0615-0645+
 7215 BRUNEI R.Brunei, 0915-1432*.
 7215 TAIWAN AFIN, 1115. (Where was Brunei? DF)
 7215 GREECE EIRT, 1915-1949* Greek, AA, Greek, Italian.
 7220 AUSTRALIA RA, *1000-1230 EE.
 7220 HUNGARY R. Budapest, 0000-0500+.
 7220 SAUDI ARABIA Riyadh, *0300.
 7220 PHILIPPINES VoA, 1300-1500*
 7225 RWANDA DW Kigali, Swahili 0330-0430, then EE.
 7225 IRAQ, Baghdad, *0245. Also 2245-2321*.
 7225 PHILIPPINES FEBC, *1130-1410+. Also 1712.
 7230 ENGLAND BBC, 0015-0230*. Also*0314 FF, Also 0630-0715+.
 7230 ENGLAND VoA Woofferton, 0430-0530.
 7230 JAPAN NSB, JJ to 1000*.
 7230 RSFSR(As) Mayak 0735+. Also 1115+.
 7235 AUSTRALIA R. Australia, 1100-1230+.
 7235T ENGLAND RCI, 1853 GG DI pr.
 7235 W.GERMANY DW, *2200 PP. Also 0440-0510+.
 7235 ITALY RAI, 2207 IS, EE.
 7235 NIGERIA Enugu, *0400 w/Koran - 0600+,

7235 VATICAN VR, 2145-2215+.
 7235 USSR RS Rodina, 0140-0215+.
 7240 DODECANESE IS VoA Rhodes, 0130. But others list Kavala 0200-0400. Wish I could find my VoA freq list.
 7240 T INDIA Suspected AIR Bombay at 1510.
 7245 ANGOLA EM. Official, *0500-0645+.
 7245 T MONACO TWR, 0020-0040*. Another wonders if it is RFE, ?
 7245 S. VIETNAM Lib Radio, *1100. Tentative, 1220.
 7245 UNID CC 1230* w/no anmts. 1303 RR, CC 1345. Same as stn at 1230*??
 7250 CYPRUS BBC EMR, 0300-0315+ EE.
 7250 VATICAN VR, 0516.
 7251 SINGAPORE R. Singapura, 1000-1400.
 7251 T Bangladesh Dacca, 1430-1510....What reason to think is Bangladesh? Singapore sked past 1600...??? (DF)
 7252 GUINEA LV Rev, 0430-0445.
 7255 BULGARIA Sofia, 0200.
 7255 MOROCCO VoA, *0230+ EE.
 7255 T NIGERIA VoN, *0730+.
 7255 RSFSR(As) Vladivostok, RR 0725+.
 7255 RYUKTU IS VoA Okinawa, 1150-1230+.
 7260 ENGLAND RCI, 0312.
 7260 ENGLAND BBC, 2100 & 0630.
 7260 E.GERMANY BEI, 0310.
 7260 AUSTRALIA ABC, 1000-1400.
 7265 W.GERMANY Sudwestfunk, 2100-0112+.
 7265 RSFSR(As) Vladivostok, 0130 & 1430-1530+.
 7265 UNID 0255 weak, flutter,.
 7270 ASCENSION IS BBC 0500-0545+.
 7270 GREECE VoA Kavala, 0200-0230 & 0300-0330+.
 7270 POLAND Warsaw, 0100.
 7270 S.AFRICA R.RSA, 20030-2150+, 0300-0400 & 0457+.
 7270 SARAWAK RMS, Kuching, 1430.
 7275 CHINA Kweiyang JKT, 1030+ CC.
 7275 ITALY RAI, 1935, *2050, 0437.
 7275 PHILIPPINES VoA, VV 1240+.
 7280 ALBANIA Tirana, 2230+.
 7280 LIBERIA VoA-Mva, 0300-0545+ EE.
 7280 USSR RP&P 0150. USSR at 2315 SS.
 7285 W.GERMANY DW, 0120-0220 EE.
 7285 PORTUGAL DW, Sines, 0440-0700+.
 7285 PORTUGAL RCI, Sines, 0330 RR.
 7285 POLAND Warsaw, 233502355* GG.
 7285 MALAGASY R. Ned., 0235-2059+...
 7285 JAPAN NHK, Yamato, 0630 JJ; 1400+.
 7285 USSR RM, 1300-1410+, 1705+, 0058.
 7285 UNID 1219
 7286 UNID het 7285 at 1219.
 7290 ALBANIA Tirana, 2100-2200, 0030-0100+.
 7290 AUSTRALIA R. A., *1030-1245+ Mandarin.
 7295 GREECE VoA Kavala, 0520 EE.
 7295 MALAYSIA RM Kuala Lumpur, 0930 EE, 1400.
 7295 MALAGASY R. Ned., 2000-2120 FF.
 7295 PHILIPPINES VoA, *1600.
 7300 ALBANIA Tirana, 0100 SS, 0130 EE, 0200 Alb., 0230 EE...0330 EE...SS 2330
 7300 YEMEN(Rep) Sanaa, 2130-2200* AA. 0400 AA.
 7305 USSR RM, 2114 EE.
 7310 USSR RM, 1900 EE, 2000 EE, 2030 FF, 2100 EE, 2130 EE,...2230 RR, 2330 RR, 0230 SS, 0335 SS.
 7310 RSFSR(As) QTH? 0735 RR, 0930 RR, 1215 RR, 1410. (all WCNA.)
 7315 CHINA R. Peking, 1403 EE.
 7315 RSFSR(As) Vladivostok, 1115 Mayak.
 7320 RSFSR(As) Magadan, 0445 Mayak, 0855, 0925, 1215, 1430, 1900.
 7320 USSR RM, 2010+ RR, hrd ECNA.
 7325 ENGLAND BBC, 2150 SS, EE 2200-0305+, 0458 AA, hrd past 0600.
 7330 CANADA CHU 24 hours.
 7325 (out of order) VoA Breakfast Show 0645. (Relay by BBC? DF)
 7335 CHINA Peking listed, Vietnamese 1233.
 7335 RSFSR(As) QTH? 1100+ RR. Hrd WCNA.
 7340 N.KOREA Pyongyang, 0900-1030.
 7340 UNID RR 0305.
 7345 CZECHOSLOVAKIA R. Prague, 1900-0600.
 7355 USSR ? 2240 RR, 2330 SS,...past 0340+.
 7374 N.VIETNAM Hanoi HS presumed, in VV 1215. Also 1112.
 7370 (out of order) RSFSR(As) Unknown QTH, Mayak 0657, gone 0720.

7380 USSR R. Moscow, 2310 lang.
 7390 USSR 1800-0400+, widely heard.
 7395 ISRAEL IBA, 0400 EE, 0415 FF, 2200 FF..
 7400 USSR RM, 2305 Quechua(list), 0000 PP, 0329 SS.
 7415 UNID 1104 CC & other SEA langs, copied on WCHA abt 3 hrs, no ID.
 7425 VIETNAM Lib. Radio, 1100+.
 7445 USSR R. Moscow, 2330 SS, 0500 RR.
 7470 CHINA R. Peking, listed, lang 1105, EE 0306.
 7480 LAOS? Pathet Lao Radio, JJ or Korean. (Sorry, I lost the time, DF)
 7490 RSFSR(as) Vladivostok, Mayak, 0930-1400+.
 7490 UNID 2330.
 7500 AUSTRALIA VNG, 0550, 0750, 1100.

Not too bad for 24 hours of monitoring!

Several noted that preparation was not the best for 41 meters, some assumed (correctly) that this was, to some extent, a dry run, to see how things would go, and to obtain ideas in setting up future contests and CMEs.

For the purpose of this CME (and we certainly do not advocate this for use in soreboard; it is simply easier to keep track of things this way in a CME) we defined "station" to mean a logging of a transmitter site on a given frequency. (Thus, for purposes of the CME, Vol. Monrovia on two different freqs was counted as two different "stations".) With this variant definition, the number of stations logged by the participants in the CME were as follows:

Ed Shaw 111, Doug Snyder 87, Gerry Dexter 72, R.C. Van Wyckhouse 70, Glenn Hauser 66, Don MacKay 61, David Snyder 40, Al Mayer 39, Hank Michalanka 35, Bruce Veidt 35, Dan Shingler 34, Bob McCoy 33, Guy Dunn 32, Kenneth Earhart 32, Bobby Saunders 32, Henry Rookwood 31, Andrew Robins 27, Sam Barto (& guests) 26, Bryan Price 22, Al Miller 15, Michael Edelson 14, John McDonald 11, Ronald Mutter 6, Larry Talbot 6.

Several mentioned that they were only able to spend a short time listening during the CME. Kenneth Earhart was listening the week previous to the CME. One well known LR-A section editor and his cohort indicated they would be listening the weekend previous to the CME, since they would not be able to listen during the CME. However, their report apparently got lost, either in their typewriter or in the US Postal. But we can't complain too much about that because a certain Competition Chairman wound up unable to participate, either!

ACKNOWLEDGEMENT Each participant in the CME will receive a card acknowledging his participation. The cards are illustrated below.

COORDINATED MONITORING EVENT NASWA ACKNOWLEDGES			
PARTICIPATION IN	C M E		COORDINATED MONITORING EVENT DURING
THE TIME PERIOD			COVERING
THE FREQUENCY RANGE			KHZ AND HAVING LOGGED
STATIONS DURING THAT PERIOD.			
_____ COMPETITION CHAIRMAN			
NORTH AMERICAN SHORTWAVE ASSOCIATION			

We hope to see more taking part in the next CME. Also, your comments regarding future CME's, as well as contests, would certainly be appreciated. We want to set up listening events that will interest people, so we will get participation! See the next page for a questionnaire, and announcement of the next CME.

D. Dan
 Dan Ferguson

60 METER COORDINATED MONITORING EVENT

Date/Time: 0000 October 24, 1975 through 2359, November 3, 1975, GMT.

Frequencies: 4600-5100 kHz.

Entries: Entries should be tabulated by frequency (or on separate slips arranged by frequency), with data listed as follows:

Frequency, Country, Station, details including time periods heard, your name or initials.

The entries in this CME will be used to compile a 60 meter survey. Thus, we are interested in more than a mere note that a station was heard at 1217. We hope, by using data from many DXers, to determine the time periods during which stations actually operate and are actually audible. Of course, if a station is noted only briefly, we need that information, too.

DEADLINE for entries to be received by the Competition Chairman is Nov 10, 1975. Mail entries to:

Dan Ferguson
P.O. Box 8452
South Charleston, WV 25303
U. S. A.

Results: The data will, as noted above, be used to compile a survey of the 60 meter band. Also, we will tabulate a list showing the total number of items submitted by each individual. Any items which prove to be incorrect will not be included in the totals....We hope to have the results published in the December FRENDX, subject, of course, to any space limitations which must be met.

Good DXing,

Dan Ferguson

COMPETITION QUESTIONNAIRE

In order to organize competitions and Coordinated Monitoring Events which will draw significant numbers of participants, we very much need ideas/comments/criticisms from you, the DXer. Following are some questions which, if responded to by sufficiently many DXers, will help in this area.

How do you like the idea of a 24 hour CME and/or contest?

What about a CME beginning on a Thursday and ending the next Tuesday, thus giving the complete weekend, and a day or so either side of the weekend?

What about a CME running for 10 days to two weeks, with no restrictions on time? (As, for example, the 60 meter CME announced above.)

What about a CME running for several days, covering only a two to five hour period each day? (The same period each day. DSWCI has run several of this type.)

What bands do you prefer to be covered in CMEs? Would you prefer to cover a whole band or only part of a band in each CME?

Do you prefer a Coordinated Monitoring Event (e.g., the 41meter event in August, and the 60 meter event announced above) or a contest, where the objective would be to win some sort of prize (maybe a WRTH, or something similar). If a contest were held, how would you prefer to see it scored?

Are you interested in assisting with the CME program in ways other than just listening? (Helping set up CMEs, helping compile results, etc.) If so, contact the Competition Chairman now or anytime sooner!

Most of all, let us have your thoughts as to what directions the CME program should take. Please do not wait to reply. Reply now, before you forget! Your comments, answers to the above questions, etc., should go to Dan Ferguson.

BE SURE TO PARTICIPATE IN THE 60 METER COORDINATED MONITORING EVENT. 10/24/75-11/3/75.

HELPING HAND: For sale. Drake SPR-4 covering 75, 49, 31, 25, 19, 16 and 13 meter bands with provision for 7 additional crystals. New March, 1975, mint condition. \$400.00 delivered. Contact Ken Duke, 5038 Bridgeport Road, Columbus, OH 43220 or phone 614/457-9548.

Log

Section A

Report



1605 - 5899
kHz

•Editor Sec. A: Robert Hill
1626 Bonita Ave., Berkeley, CA. 94709

ASSISTANT EDITOR: Fovin Szot

- 2260 INDONESIA. UnID. 1300-1400+; poor modulation (Willis). 1428 long talk in Indo but no ID; good level (Cosier).
- 2323 INDONESIA. UnID. 1300-1500. Other unID Indos on 2400, 2415 (Willis 2324), 1440 Javanese mx. Possibly Cianjur as per Tyson (Cosier).
- 2360 GUATEMALA. R. Maya de Barillas. 1050 relig svc in SS; also at 0240. P (Shaw 9/7).
- 2370 JAVA. RRI, Surabaya. 1450 talks // 2375 (Cosier).
- 2376 NEW GUINEA. R. Chimbu. 1145 Pid talks, chorals; P (Hayer 9/2).
- 2390 INDONESIA. UnID. RRI, possibly Banda Aceh or Cirebon. 1460 Islam mx, 1500 Jakarta mx; weak (Cosier).
- 2410 NEW GUINEA. R. Eastern Highlands. 1140 chorals, Pid talk; P (Hayer 9/2).
- 2412 INDONESIA. UnID. Non-RRI. 1430-1505 request pgs with mention of two listeners in Surakarta; ID as "Radio ... daerah(?) ..." to 1507* (Cosier).
- 2415 INDONESIA. RDK Tingtat II ... 1445 ID, mx; 1500 Jakarta mx; always G (Cosier).
- 2428 NEW IRELAND. RMI. 1150 chorals, Pid ID by W (Hayer 9/2).
- 2435 SUMATRA. RRI, Palembang. 1450 light mx (Cosier).
- 2435 INDONESIA. UnID. 1430 Indo; P (Willis). # How about Palembang? (BH).
- 2440 (T) JAVA. RRI, Surakarta. 1455 Javanese mx (Cosier).
- 2450 (T) PAPUA. R. Western Highlands. 1120 talk, instr mx; P, staticky (Abraham).
- 2451 JAVA. RRI, Jakarta. 1057 marginal modulation, seemingly P talking (Shaw 9/8).
- 2466 PAPUA. R. Northern Dist. 1115 soft mx; poor sig (Abraham).
- 2485 CHINA. UnID. Unlisted freq 1205 H + W in CC; P thru noise. Could be PLA (Shaw 9/8). # Correct -- see August LE-A (BH).
- 2503 JAVA. RDK Bandung. 1412 Indo ID (Willis).
- 2510 SO. KOREA. MBC, Taejeu. 1107 J in low talk -- lessons? All FR (Shaw 9/8).
- 2696 NO. KOREA. UnID. Unlisted outlet 1340; extremely weak but regular (Willis). # This one, per Uguza, is Chongjin from 2750. See LI-3, Sept. Fronts (BH).
- 2972 INDONESIA. UnID. 1340; weak. Other nearby unID Indos are 2925, 2942, 2955, 2962, 2965 (two on this freq). As you can see, the excellent condx over the last month have unearthed a multitude of unID Indonesians! (Willis).
- 3010 INDONESIA. UnID non-RRI. 1100-1500. Other Indos noted around same time on 3015, 3065, 3076, 3115, 3123 (Willis).
- 3015 INDONESIA. UnID. 1425 powerful, over Pyongyang on same channel (Willis).
- 3138 INDONESIA. UnID. 1400+; weak. Another one on 3147 (Willis).
- 3165 (T) JAVA. RKPJ Kota Madya, Surabaya. 1250+ H + W in Indo, CGM mx, seeming gospel mx; 1320 TO. CW QRM and noise level made bad listening (Shaw 9/11).
- 3195 IRAQ. R. Baghdad. Noted 2125* vice former 2100*; needs rechecking as may not be regular (Padula 8/23).
- 3200 CHINA. PLA. 1050-1055 CC talk and mx; strong (Shingler 8/10).
- 3210 HONOLULU. RMI. 0405-0420 pops, PP talk; very strong (Shingler 9/9).
- 3213+ INDONESIA. 1200-1300 with QRM; from another Indo on 3215. Listed here is Ujung Pandang, but I'm doubtful as was not // other UP freqs at this time (Willis).
- 3215 VENEZUELA. Ondas Pamamericanas. #0955 NA, SS IDs, LA mx (Jones). 1015 mentioned letters "LR" many times -- new C32 (McNeil 9/5). 1030 net mx, 1045 gone (Field).
- 3225 VENEZUELA. R. Occidente. 0240-0250 SS talks, mx, ID; QRM, net, P (Shingler 9/7).
- 3240 IRAQ. R. Baghdad. 0335 Foran chants, Kurdish(?) talk // 7025; very weak (Shaw 9/13). # FR WCA catch, O's (BH).
- 3241 MALUCCI. RRI, Ambon. 1045+ Indo by W, instr mx; weak, but clear (Shaw 9/8).
- 3245 PAPUA. R. Gulf Dist. 1127-1205 native singing, aucts in verba; 1290 mx, ID. Fair with utility QRM (Corson, Hayer 8/15).
- 3265 VENEZUELA. R. Libertador. 0250-0315 DJ yak, ads, EL mx (Linbach, McNeil).
- 3250 GHANA. GBC. 0430 EE mx; decent signal but low modulation (Wallace 8/17).
- 3250 INDONESIA. UnID. First noted 8/7, local ads, very strong till mixing with Banjarmasin around 1000. Subsequent checks reveal it there as early as 0745. Often has long relays of RRI Ujung Pandang, suggesting QTH in Irian Jaya or Sulawesi (Padula). # Also here on 3250 $\frac{1}{2}$ for a while, better Banjarmasin; seemed 1400* (BH).

- 3255 MOZAMBIQUE. UnID. First noted 8/23, ID for "Radio Nacional" by W in PP at 2130; different pgm than "A" Pgm from Lourenço Marques on 4855 at this time (Padula).
- 3250 SO. AFRICA. SABC. 0135-0158 orch mx, vocals, many ads; all-EE (Thompson 8/24).
- 3255 VENEZUELA. V. del Tigre. 0257*, also 0716* on 8/31; *1003 with NA, chorus, IDs (Miller, Lineback, Mayer, Fisher, Jones).
- 3258 JAPAN. NHK, Sendai. 1030 JJ talks (Shaw 9/8).
- 3259 UNID. 0940 man in lang, hetting New Guinea. Possibly NHK, Sendai (Cosier). # Most likely, as they're a regular here around that time (BH).
- 3260 NIGER. Niamey. 2120-2130 FF ancts, Af mx. Rare appearance (Padula 8/23).
- 3260 NEW GUINEA. R. Madang. 1040 Pid talks, Islands chorals; het from NHK (Shaw 9/8).
- 3265 INDONESIA. UnID. This is the most interesting of the current spate of unID Indos. Seems definitely non-RRI and commercial. Weak 1340 (Willis).
- 3268 INDONESIA. UnID. 1348 very loud Indo noted here. No chance for India on this freq now (Willis 3268.7).
- 3275 VENEZUELA. R. Mara. 0307-0355* SS, instrs, ID; anth at s/off (Overcamp). 1040 mx, ads (Field). 0040 vocals, ID (McNeil). 1030 TC, LA mx (Jones). son)
- 3275 PAPUA. R. Southern Highlands. 1143-1200 FO, US pops, Pid ancts; ute QRM & QRN (Cor-
- 3280 (T) ECUADOR. V. del Napo. 0324 soft (reliq?) SS talk, long classical piece to 0338* (McNeil).
- 3285 SO. AFRICA. SABC. 0408-0428 EE, songs; not // 3250 or 3320 (McNeil, Moritz).
- 3290 GUYANA. GBS. 0050 EE IDs, TCs, US pops; P (Tobin). 0800 EE prayer, Indian mx, ads (McCoy, Moritz).
- 3290 JAVA. RRI, Madiun. Here x-3286 around 8/8 for about 2½ weeks. Hrd around 1400-1500 after Papua s/off; mentioned 2 freqs. Now back on 3286 (Willis, Cosier).
- 3290 PAPUA. R. Central Dist. 1030-1155 Pid talk, chorals, G&W and local mx; ute QRM (Field, Robins, Corson, Mayer).
- 3295 VENEZUELA. R. Trujillo. 0250 ID (Miller). *1006 NA; deteriorated fast (Fisher).
- 3300 BELIZE. RB. 0445-0455 mx, EE; 0455-0500 nx; IDs at 0445, 0455, 0500; F (Shingler).
- 3300 GUATEMALA. R. Cultural. 0210-0430* EE relig pgms (Moritz, Thompson, Jones, Tobin).
- 3305 PAPUA. R. Western Dist. 1122-1201 vernac, native singing, US pops; 1200 ID. P-F w/ ute QRM (Corson, Abraham, Mayer).
- 3310 CHINA. Kirin PBS. *1000 "EIR" (Cosier). *2130 "EIR," 2135 CC pgm (Padula 9/1).
- 3315 MARTINIQUE. Fort-de-France. 0238-0301 FF, instr mx (Moritz). 0300* with "LM"; 1000* with guita IS, FF ID by W; 322 (Jones). 0154-0250 soft instr mx, FF ancts; 0250 covered by ute (Fisher). *1001 "LM," FF, Caribbean mx. Not hrd here for many years (Foster via Cosier). # As all mentioned, this freq supposedly dropped (BH).
- 3316 SIERRA LEONE. SLBS. *0558 IS, Koran chant, pops, EE ads, talk; G (McCoy, Snyder & Bodell). 0632-0647 man in vernac, woman in EE with ads (Earhart). As early as 2015 to as late as 2220 FO, with EE nx 2205-2210. 1st time after 8 years! (Padula). 2300 EE ID, US pops (Wallace). 2325-0001* EE, maybe vernac too; P-F (Moritz).
- 3320 NO. KOREA. R. Pyongyang. 1025 orch mx, W host; 1030 songs, ID (Shaw 9/8).
- 3322 BOUGAINVILLE I. RB. 1115-1150; some days lots of talk, others G&W mx; G-F (Abraham).
- 3325 IRIAN JAYA. RRI, Jayapura. *1130 over Jember // 3905 (Foster via Cosier).
- 3325 ECUADOR. Ondas Quevedeñas. 0730-0939 extended sked, TCs 4-5 min slow (Padula, Di-Leo, Jones).
- 3325 VENEZUELA. R. Occidente. 0050 songs, ads, DJ talk, ID; F-G (McNeil).
- 3335 MOZAMBIQUE. UnID. 2220-2225 PP political speech when // LM outlets on 4855/4865; other days has separate pgms, all // 4995 (also unID). Possibly Nampula, as reported by Ginbey to SCDX (Padula 8/2).
- 3335 NEW GUINEA. R. East Sepik Dist. 1040 Pid, variety of mx; 332 (Zilmer 9/8).
- 3345 HAITI. R. Stn 4VEH. 0012 EE relig, songs; P (Wallace). *0957-1017 bells, NA, ID, SS relig pgm; best sig on 90M (Fisher, Jones).
- 3345 PHILIPPINES. FEBC. 1015* EE church svc, 1030 Tagalog ID and gospel mx; G (Shaw).
- 3350 GHANA. GBC. 0600 EE nx, revolutionary ancts (Tobin). 2250 EE talks barely QRK thru ute (McNeil 9/3).
- 3355 NEW CALEDONIA. Noumea. 0630 variety FF mx-hall pgm; strong (Sparks). 1010 FF soap-opera; battling with fax for supremacy on the channel (Shaw).
- 3355 VENEZUELA. R. Valencia. 0304-0305 SS talk, mention of Venez; poor under ute (Lineback). *1017. No "en" or "de" between "Impacto" and "Valencia" (Jones 8/27).
- 3356 BOTSWANA. RB. 0425 Af mx, vernac ancts // 4845; heavy RITY (Sparks 9/10).
- 3360 GUATEMALA. V. de Nahuál. 1107 SS, marimba mx, vocals (Jones).
- 3360 PAPUA. R. Milne Bay. 1055-1100 Pid, EE records, talk (Zilmer, Field).
- 3365 VENEZUELA. R. Pto. la Cruz. 0231-0326 (Miller, Lineback, Moritz). *1000 (Jones).
- 3366 GHANA. GBC. 2245 EE nx, cmtry; F in QRN/QRM (McNeil).
- 3368 INDONESIA. UnID. 1500. Another Indo (non-RRI) on 3370, s/off 1000-1100V (Willis).
- 3374 INDONESIA. UnID. 1340 Jakarta extended relay (Willis). # How about Jember? (BH).
- 3375 ANGOLA. Em. Oficial. 2218 PP discussion; well hrd (Padula 8/2). 2330-0000* pops, bells but no anthem at s/off (DiLeo, Fisher).
- 3375 INDIA. AIR, Gauhati. 1342 SC mx; not QRK after 1400 with RRI xing (Snyder & Bodell). 1426 Indian mx (Cosier).
- 3380 MALAWI. MBC. 0445-0512* pops, EE nx at 0500; lousy (Tobin).
- 3381 JAVA. RRI, Malang. 1359 ID, 1400 RRI Surabaya nx. NF x-3421 (Cosier).
- 3385 FR. GULANA. Cayenne. 0922 FF talk, pops; 453 (Jones 9/3).
- 3385 NEW BRITAIN I. R. East NB. 1015-1150 Pid, old US pops (Zilmer, Robins, Abraham).

- 3390 ECUADOR. R. Zaracay. 0704-0722 nonstop Andean mx, occasional SS ancts (Moritz, Fisher). 1050 ID, freqs, ads, mx; 332 (Jones).
- 3390 UNID. Either Afghanistan or India. 1330 time-pips, EE nx; 1335 Indian lang, 1342 Indian mx. Always ut QRM (Cosier).
- 3395 SRI LANKA. SLBC. 1330 EE ID // 4940 (Willis). 1430 EE ID after light mx (Cosier).
- 3395 VENEZUELA. R. Universidad. 0000 many IDs for MH/SW; F (Fisher). 0305-0320 (Lineback). *1015 NA, W ancr, roosters crowing (Jones). 3394).
- 3396 RHODESIA. RBC. 0405 EE nx, ID (Robins, Wallace). 0425 EE, dance mx (Snyder & Bodell)
- 3400 INDONESIA. UnID under PLA 1428. Not Colombo as I had thought (Cosier).
- 3402 INDONESIA. UnID, possibly Irian Jaya. 1357 talk, 1400 pips -- then carrier off! I had been hoping for a telltale nx relay, too! (Cosier).
- 3404 INDONESIA. UnID 1400+, M & W but not RRI nx (Shaw 9/6).
- 3414 SUMATRA. RRI, Medan. 1415 slow instr mx, M host; poss // 4764 (Shaw).
- 3425 NEPAL. RN. 1420 Nepali Svc, distinctive SC mx; no EE. Fair (Shaw 9/10).
- 3444 (T) JAVA. RPKD Pasuruan. 0915 faint Indo talk, poss ID (Shaw 9/8). # Latest freq for Pasuruan is 3463 with s/on not till 1100 (BH).
- 3607 JAPAN. NHK, Hiroshima/Kawaguchi. 1000 pips, "NHK" ID, JJ nx (Cosier).
- 3668 PORT. TIMOR. ERT. 1032 pips (Beate, etc.) around 8/8; not hrd now (Cosier).
- 3762 JAVA. RPKD Tuban. 1405 ID after nx. Power increase? (Cosier).
- 3893 JAVA. RPKD Sidoarjo. 1342 light pops, 1350 ID. QRM de Pyongyang/3892 (Cosier).
- 3905 KALIMANTAN. RRI, Palangka Raya. 1040 light mx over Jayapura (Cosier).
- 3909 JAVA. RPKD Tingkat II Tasikmalaya. 1410 ID through big FEN het (Cosier).
- 3945 (T) NEW HEBRIDES. Vila. 0950-0955 mx, 0955-1004 FF, then more mx; too weak and too much ham QRM for ID (Shingler 8/15). 1150-1200 M, 1200 mx. Presume it is R. Vila (who else) (Abraham). # Vila never operates beyond 1005* or so; you probably had an Indonesian (BH).
- 3952 ENGLAND. BBC. 0510 GG (Snyder & Bodell 9/13). # Not easy from WCNA (BH).
- 3952 JAVA. RRI, Bogor. 1405 full ID after Bandung nx; excellent sigs on VG Indo night, but not heard since then (8/8). Either x-3925 or whopping drift! (Cosier).
- 3970 JAPAN. NHK, Matsuyama. 1015 JJ // 3607. Never hrd so early before. VP (Cosier).
- 3975 ENGLAND. BBC. 0502 Polish, ID; F (Snyder & Bodell 9/13).
- 3980 SO. AFRICA. SABC. AN Svc 0200 FI, 0230 EE nx; good to 0330 (Davis, Moritz). 0438 EE, mx, ads (Yajko). 2310-2340 pops, few ads, ancts (Earhart 9/1).
- 3985 ECUADOR. Esc. R'fonicas Pop. 1035 SS, short bits of mx (Robins 8/21). 1146 SS nx, 1200 ID (Cosier).
- 3995 SO. AFRICA. SABC. R. RSA to So./Ea. Af. *0300 EE nx; G to 0330 or 0400 (Davis). 0319-0331 EE pops, MoR mx (Moritz). (Moritz).
- 3995 W. GERMANY. DW. 0512-0515 M & W in GG. Too poor to listen -- serves 'em right!
- 4030 ASIATIC RFSFR. Anadyr. 0500-0600 local pgm relayed by Magadan on 9500. Poor to 0545, then weak but echo with Magadan audible. Usually F-G by 0700, when either "Pacific Ocean" ("Radiostantsiya Tikhi Okean") or Magadan local pgm (Davis).
- 4045 CHINA. PLA. 1145 CC by W, mx; // 3200, 3300, 3900, 4330, etc. (Mayer 9/3).
- 4140 INDONESIA. UnID RPKD. 1400 ID, then possibly Surabaya nx (Foster 8/20 via Cosier).
- 4180 CHINA. RP. 1520 VV pgm, ID (Willis).
- 4395 ASIATIC RFSFR. Yakutsk. 0900 FI to 1300 FO, Soviet HS now Mayak pgm (Davis).
- 4520 ASIATIC RFSFR. Palans. 0700-0800 pgm on W/F/Sa/Su up to S4-5 now. 0500-0600 (M/Tu/Th) still poor but QRK by 0600. All local pgm -- RR & local lang (Davis).
- 4604 BOLIVIA. R. Mamoré. 0310-0345 Andean mx; poor with fades (Estes 9/10).
- 4605 IRIAN JAYA. RRI, Serui. 1342 light pops; G. Only 500 watts (Cosier).
- 4680 ECUADOR. R. Nac. Espejo. 0300-0450 pops, IDs, drama (Tobin, Aston, Cohen).
- 4687 UNID. SS-sprk 0735-0752 songs with small orch, good rhythm & bass. If Espejo, they have strayed (Earhart 9/7).
- 4700 NO. KOREA. Chosen Yonghe Hesang Pangsong Sil. Hrd again *1500-1510* after absence of many months; still s/on with long choral march, then 5-6 min of KK by W. 1200 xmen not hrd after couple checks. Good at 1500; used to be exc at 1200 (Hill).
- 4719 SULAWESI. RRI, Ujung Pandang. 1510 RRI nx; vy weak (Wilson 9/7).
- 4725 BURMA. BBS. 1155 BH talk // 5040; P (Mayer 8/15).
- 4752 ECUADOR. R. Centinela del Sur. 0611* final ID after Ec pops (Sparks 9/7)
- 4755 BRAZIL. Rdif do Maranhão. 0015 soccer cmtry, brief studio ancts, TCs (Robins).
- 4755 UNID. 0440 hi-life mx, FF, no ID hrd. Possibly Bangui, which has not been hrd on 5038 for some time here (DiLeo). # Beira, Mozambique, being rptd here (BH).
- 4764 SUMATRA. RRI, Medan. 1220 Indo, Western-style ballads; G (Lineback). 1455 Indo, pops, 1500 RRI nx (Wilson).
- 4765 CONGO REP. RTVC. 2200 FF nx; 222 (Schwartz 8/8).
- 4770 LIBERTIA. ELWA. 0610 EE nx, TC, "Quiet Hour" pgm (Tobin). 2205 VOA(?) nx, 2227-2235 EE relig pgm (Schwartz). 2300* anth, EE, address; G (Anderson 9/10).
- 4770 VENEZUELA. R. Bolívar. 0140-0202 (Davenport, Yajko). *0958 (Jones).
- 4775 JAVA. RRI, Jakarta. 1110-1120 Indo talk, Oriental mx; F but bad RITY (Shingler).
- 4777 GABON. RTG. *0428 tone, IS, FF (Alleman). 2220-2305 FF nx, chants, ID (Schwartz).
- 4780 VENEZUELA. V. de Carabobo. 0217 TC/ID, US pops, LA tunes (Robins).
- 4785 CHINA. Yunnan PBS. 1045-1050 W talk in CC; P (Shingler 8/10).
- 4785 HALI. RN. 2235-2240 FF nx, ID; 222 (Schwartz 8/25).
- 4787 COLOMBIA. Ecos del Combeima. 0903 SS, LA mx; 343 (Jones 8/18).
- 4788 TURKS & CAICOS. VSIB. 2115 EE ID; to 0004* with pops (McNeil 9/2). 2355-0002* w/

- rock mx, M ancr, definite ID, "bye-bye" at s/off (Whitacre 8/27). # This one and Grenada/5015 ought to make it to WCNA by mid-winter (BH).
- 4790 PERU. R. Atlántida. 0445 SS ID, Latin mx (Alleman). 1031 ID, Peruvian mx (Jones).
- 4797A BOLIVIA. R. Nueva America. *1034 short mx, SS ID, Andean mx, TCs between each tune in SS, other talk in native (Jones 8/27). # Nice catch, Jack (BH).
- 4807 DOMINICAN REP. R. Norte. 0031-0041 (Moritz). 1016 ID/TC (Cosier).
- 4807 (T) ECUADOR. R. Pop. Independiente. Believed returned to this freq. 0620 Andean mx and several mentions of "Popular" during ancts (Sparks 9/77).
- 4810 GALAPAGOS IS. VG. Hrd with varying s/off times: 0406* (Wasylik), 0407* (McNeil), 0409* (Alleman UnID), 0438* (McCoy), 0456* (McNeil).
- 4810 SO. AFRICA. SABC. 2045 EE, US pops, lots of ads; P-F (Anderson 9/12).
- 4815 PERU. R. Samarén. 0420 SS, LA mx, ID; P -- heavy QRM & het (Wasylik).
- 4815 UPPER VOLTA. RTV. *0600 ID, bird chirps & rooster crowing, mixture of hi-life and FF pops (DiLeo, Sparks). 2205-2400* FF, chants, Af mx; P-F (McNeil, Schwartz, Miller).
- 4820 ANGOLA. Em. Oficial. 0503 vernac, Af mx, mentions of Angola (McCoy). 1er).
- 4820 ECUADOR. R. Paz y Bien. *0924 ID, calls, freqs, NA, noticias (in that order); 343 (Jones). G with Andean mx till *1030 HRVC (Abraham).
- 4820 (THE) GAMBIA. RG. 0635 Af chants, BBC & local nx (Tobin).
- 4820 HONDURAS. V. Evangélica. 0315-0451 EE relig pgms (Thompson, Cohen, Aston, Moritz).
- 4825 ASIATIC RFSFR. Vladivostok. 1103-1110 RR nx, then brief mx, W talk; F (Shingler).
- 4825 GUATEMALA. R. Mam. 0219 full SS ID, freq, address; 0221*; G over het (McNeil). 0209-0304 marimba mx, ID "R. Mam, la emisora de campesino"; G (Fisher).
- 4825 TANZANIA. RT. 0350 Swahili by M&W, 0400 beep, nx(?) past 0407 (McNeil, Alleman). 2035-2045 Af mx, Swahili ancts xing USSR co-channel (Padula 9/1).
- 4825 USSR. UnID. 0135-0152 very peculiar: M talking in SS, W in RR; mx between talks. Tough copy due het & hum (Earhart 8/10).
- 4826 ECUADOR. R. Luz y Vida. 0500-0528* Andean mx, W ancr; 0525 ID by W&M. Said would return at 0925 (DiLeo). Various times 0502-1050 (Moritz, Earhart, Cosier, Miller).
- 4832 COSTA RICA. R. Capital. 0445-0640 (Yajko, Moritz, Aston, Davenport).
- 4835 SARAWAK. RNS. 1150 W in Malay, mentions of Malaysia (Mayer 9/3). # Always an enormous signal here till 1600* daily (BH).
- 4840 CHINA. PLA. 1116 CC talks by M&W; F (Lineback 9/1).
- 4840 VENEZUELA. R. Valera. 0508* NA; mentioned FM as well as MW/SW (Fisher).
- 4845 BOTSWANA. RB. 0410-0430 in Setswana, old US pops, maybe DJ format (Alleman).
- 4845 CONGO REP. RTVC. Pte. Noire. 0510-0530 a-cappella chorus, FF, drums (DiLeo).
- 4845 COLOMBIA. R. Bucaramanga. 0013 LA/EL mx, 0105 ID (McNeil 8/19).
- 4845 MALUKU. RRI. Ambon. 0945 M&W hosts, nice mx; // 7139 better but hetted (Shaw 9/8).
- 4845 MAURITANIA. RN. 0711 AA stringed instr mx, nx; VG (McCoy 8/27). 2215, 2225 chants
- 4840 PERU. R. Andahuaylas. 0623 Andean mx, "Happy Birthday" in EE (McCoy). (Shingler).
- 4850 CHINA. RP. 1205 CC mx; poor (Abraham).
- 4850 DOMINICAN REP. R. Clarfn. 0150-0420 ads, pops, etc. (Davenport, Moritz, Yajko).
- 4855 SUMATRA. RRI. Palembang. 1135-1158 M&W Indo, 1158 "Love Ambon" & into what sounded like nx. High noise level but good signal (Corson).
- 4865 AZORES. ERA. 2215 PP talk, nice PP songs; first time in a long while (McNeil 8/20).
- 4865 CHINA. Kansu PBS. 1125-1130 CC instr mx; P (Shingler 8/10).
- 4860 PERU. R. Chinchaycocha. 0706 Andean mx, TC; F (McCoy 9/2).
- 4860 VENEZUELA. R. Maracabó. 0050 (Tobin). 0820-0837 (Earhart). *0858 (Jones).
- 4865 COLOMBIA. V. del Cinaruco. 0755 ancts, IDs, Colombian ballads (Cosier).
- 4870 DAHOMEY. V. Rev. *0507 drum IS, NA; 0510 FF ID (Snyder & Bodell 9/13). 0515 banging on something, then nx or similar; Af rhythm mx; P (Sztot 9/9). 2225-2300* NA (McNeil, Fisher, Mayer).
- 4870 ECUADOR. R. Rio Amazonas. 0050 Andean mx, Indian talk; F (Mayer 9/2).
- 4870 MAURITIUS. MBC. 0255 piano mx, 0303 ID in EE/FF as "Radiodiffusion-Television Mauritian"; anth & s/off. Appeared to be a test xman. Hrd only one night (DiLeo). # Wish you had supplied the date, OM -- did anyone else catch this? (BH). (T) 0547-0600 EE, "Ave Maria"; RTTY QRM; 222 (Schwartz 8/8). # Most unlikely to be Mauritius, as 0600 is 10 AM there! (BH).
- 4872 IRIAN JAYA. RRI, Sorong. 0940 Indo by W, soft rhythm mx (Shaw 9/8). 1115-1200 soft vocals, W ancr; 1200 pips, then nil till tone at 1202 (Robins, Shingler, Lineback).
- 4875 BOLIVIA. Cruz del Sur. *1021 hymn, IDs in SS, freqs; 443 (Jones 9/11).
- 4875 SO. AFRICA. SABC. *0300-0414 morning show, ancd // 7270, 5980, 3995 (Jones, Thompson, Cohen, Moritz).
- 4877 SO. VIET NAM. Saigon Lib. R. Returned to air on 9/2; hrd 1300. No other Saigon freqs located yet, thus may be irreg (Willis). # 4877 now off again (BH).
- 4880 ZAIRE. VZ. 2243 FF, Af songs to 2305 nx; VP-P with loud het (McNeil 8/20). UnID 0430-0445 in FF, possibly nx. Zaire? (Alleman).
- 4880 UNID. Asian or Mideast stn 1300-1600; not Pakistan. Plays much old Island and some local Asian mx; is incredibly weak. A mystery (Willis).
- 4882 DOMINICAN REP. R. Comercial. 0530 SS, easy LA mx; 0545 ID (Cohen). 1111 SS nx, ads, Latin mx, ID (Miller).
- 4885 ZAIRE(?). 0435 FF talks; F. Presume this is Zaire (Wallace 9/2). # This one has been puzzling a lot of people for some time now. Can anybody ID positively? (BH).
- 4890 (T) HONDURAS. R. Lux. 0055 sports in SS; no ID hrd; P-VP xing YV (McNeil 9/6).
- 4890 PAPUA. NEC. 0830-1131 Pid & EE, nx, sports, economic talk, relig pgm, Islands mx,

- drama, talk on fishing industry; many IDs (Earhart, Yajko, Jones, W. Smith, Schwartz, Robins, Moritz).
- 4890 VENEZUELA. Rdif V. 0215-0400* SS pops, rock, also some MoR mx; IDs, ads (Moritz, Thompson, Tobin, Cohen).
- 4896 MOZAMBIQUE. RM, Beira. 0405 balafon mx, lang ID; P (Wallace). 0427 Swahili(?), Af mx, talks in monotone; 343 (Miller 8/23).
- 4900 BURUNDI. R. CORDAC. 0404-0420 Swahili, relig mx (DiLeo).
- 4900 VENEZUELA. R. Juventud. 0125-0315 US rock, W ID, ads (Moritz, Thompson).
- 4903 SRI LANKA. SLBC. 1435 Tamil; excellent (Willis).
- 4904½ CHAD. RNT. *0428 IS & anth, 0430 FF ancts/ID (McNeil). 0440 flute mx, FF (Wallace).
- 4907 CAMBODIA. Phnom Penh. Still hrd 1100-1500. The 6090 outlet has never been noted. Reports being returned because there is no internal Cambodian postal svc (Willis).
- 4910 GUINEA. V. Rev. 2300-2347 FF talk/speech; F with het & QRN (Mayer, Robins).
- 4911 ZAMBIA. RZ. 0415 vernac, 0430 ID; het but G (Snyder & Bodeil 9/13).
- 4915 BRAZIL. UnID. 0840-0908 PP talk, light Brazilian mx; 353 (Earhart 9/7).
- 4915 CHINA. Kwangsi PBS. 1120-1130 M&W in CC; weak; QSB (Shingler). # Used to s/off 1230 or so; now hrd running past 1500 at times (BH).
- 4915 COLOMBIA. R. Guatapurí. 0203, 0423-0430, 1019; many IDs (Jones, Alleman, Miller).
- 4915 GHANA. GBC-1. 0550-0600 chanting & lang mx, 0600-0615 EE nx by W; barely audible (Aston, Cohen). 2240-2305 vernac talk, relig pgm, ID, EE nx about Ghana; F-VG (Schwartz, Moritz, Anderson)
- 4920 INDIA. AIR, Madras. 1230 fading in with time-pips, then EE anct by W mentioning AIR, then EE nx -- all under very strong Brisbane (Lineback 9/6). Wallace).
- 4926 EQUATORIAL GUINEA. R. Equatorial. *0427-0515 SS talk; Af mx; 0450 ID (M. Smith, 4932 JAV. RRI, Surakarta. 1215 Indo by W, local mx; P (Mayer 8/30). (BH).
- 4933 NO. VIET NAM. Hanoi. 2135-2140 EE lessons; new/unlisted pgm (Padula). # Now 4928
- 4940 SRI LANKA. SLBC. 1500 EE // 3395 (Willis).
- 4950 SARAWAK. RMS. 1440 MoR mx, 1445 lang ID, EE discussion (Wilson).
- 4955 SUMATRA. RRI, Banda Aceh. 1140-1145 chants, then wiped by RTTY (Shingler 9/3).
- 4960 CHINA. RP. 1040-1045 JJ talk, CC instr mx; fair (Shingler 8/10).
- 4960 UNID. Stn in AA with AA chants 1440 under Peking (Foster via Willis). # Oman is now being heard around this freq (4962, as I recall). (BH).
- 4972 FR. GULANA. Cayenne. 0345 FF; hidden in mess of het squeals with Cameroon (Shaw).
- 4972½ CAMEROON. R. Yaoundé. 0345 vy low-level FF amid hets; Af/FF-accented M with drums & rhythm shortly after *0400. IS was giveaway (Shaw). # But sked s/on 0500 (BH). 0530 EE ID/anct, then FF; also EE relig on Sun. (Sparks 8/23, Fisher).
- 4975 CHINA. Fukien PBS. 1025 CC pgm (Cosier).
- 4980 GHANA. GBC-2. 0600-0615 EE nx (Aston, Earhart).
- 4985 SULAWESI. RRI, Ujung Pandang. 1053-1100 W in Indo, 1100 poss nx (Shingler 8/10). # Beware Malaysia here also (BH). (Davenport).
- 4995 PERU. R. Andina. 0430-0457 Andean mx (Wasylik, DiLeo). 1044 (Jones). 1100-1130
- 5000 ITALY. IBF. 2300 trilingual ID over WWV (Fisher 8/30). # Voice anct on IBF? (BH).
- 5005 SARAWAK. RMS, Sibú. 1415 lang talk (Iban sked) (Wilson).
- 5010 CAMEROON. R. Garoua. 2040-2045 cmtry in vernacs (Padula 9/1).
- 5016 RHODESIA. RBC. *0450 symphony, EE ID; poor (Mayer 8/17).
- 5020 CHINA. Kiangsi PBS. 1215-1230 W in CC talk; F (Mayer 8/30).
- 5020 SOLOMON IS. SIIBS. 0955-1115* EE, BBC or R. Aust. nx, varied mx (10 reporters).
- 5020 NEGER. ORTN. 0534-0554 FF, ID, chants, flute & drum (Mayer, Schwartz, McCoy).
- 5025 PERU. R. Quillabamba. 1030-1058 ID, Peruvian mx (Zilmer, Jones).
- 5030 SARAWAK. RMS. 1430 lang (Bidayah sked), pop & folk mx (Wilson).
- 5039 BURMA. BBS. 1133 BB nx(?) by 2 men; 242 (Miller 9/7). Neil).
- 5040 CHINA. Fukien PBS. 1142 piano mx, CC-like singing, W yak in lang. Not Burma (Mc-)
- 5041 GUINEA-BISSAU. RB. *0558 IS, PP ID, NA, Af mx, political harangues (Wallace, DiLeo, Fisher, Earhart, Robins). 2202-0002* more of the same (McNeil, Mayer).
- 5045 COOK IS. Nothing hrd here on 5045 or 11760 -- SW may have been abandoned (Padula).
- 5049 CHINA. Cf. Aug. LR-A. RUB/5053, RRI/5047, Singapore/5052 & this one all here (Wil-)
- 5055 ALBANIA. Gjrokaster. 0419-0430 usual political cmtry in Alb (Alleman). lis).
- 5060 ECUADOR. R. Progreso. 0513 (McCoy). 0740 (Cosier).
- 5070 UNID. 2200-2255 two M in FF between mx records in FF & vernac; mx in Af style; 422. Also hearing Deutsche Welle on 5200A several nights from 0100 (Leffler). # Dunno about 5070, but DW on 5200A is probably result of mistuned rcvr or image (BH).
- 5125 CHINA. RP. 1100-1130 IS, then mostly lang talk (Zilmer).
- 5163 CHINA. RP. 1130 lang talk; 322 (Zilmer).
- 5170 CHINA. RP. 1125-1200+ lang // 5240, 5265, all about same level (Zilmer 9/7).
- 5192 ANGOLA. RC do Moxico. 2150 PP anct, pops. Hrd in early August but not since then (Cosier).

Cond: are really picking up -- even out here. Go get 'em, gang! 73,

Bob

Log

Section B

Report

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DEADLINE: 15th of month

5900 - 11599 KHz.

Fall is here and conditions are improving, so let's see what was in the mailbox this month....

- 5930 USSR Irkutsk; Russian HS in Mavak pgn now s/on at 1030. F with polar flutter.
- 5930 CZECHOSLOVAKIA R. Prague; 0154-0200 EE, symphonic mx, IS. (Miller) // (Davis)
- 5950 PERU R. Arequipa; 0400 SS, rhythmic LA mx, several ID's. (Beal 8/13)
- 5950 CHINA RP Heilunkiang (per WRT); 0930 CC, orch mx, vocals. (Beal 8/16)
- 5950 MANCHURIA Harbin; 1000-1030 most mornings with CC and native wailing. (Smith)
- 5950 UNID. 1018 in what sounded like CC, mx and singing by W. (Jones 8/21) One of the above? KCC
- 5950 COLOMBIA R. Super; 0830-0900 SS, ID after each song, runs 2lh. (Padula 8/10)
- 5950 USSR RM; 0017-0115 FR, typical pgn with possible ID. (Smith 9/3)
- 5955 GUATEMALA R. Cultural; 0740 SS, variety mx, some US pops. (Beal 8/19)
- 5960 MOROCCO RTVM; 2335-2349 AA mx, M tiking and shouting. (Moritz)
- 5960 CANADA CBC NS; 0400-0410 EE mx and sports. (Moritz)
- 5965 BRAZIL R. Guababa; 0912-0935 PF, orch mx, US pops, TC, tlk and ID's. (Zilmer 8/29, Beal 8/19, Earhart 8/31)
- 5965 SPAIN RVE; *2300 s/on in SS to LA, ex 6190. (Padula 8/22)
- 5970 PERU R. El Sol; *1027-1040 SS, Anthem, ID, mx, TC, tlk in Indian dialect. (Zilmer, Jones 8/15) 0605 SS, ads and strauss waltzes. (McCoy 8/20)
- 5970 ECUADOR RQJB; 0200-0300 EE, mx, DX Partyline, DX tips, listener's letters and Ecuadorian mx. (Thompson 8/24)
- 5970 CANADA RCI; 0832 EE, tlk about birth control. (Yajko 8/20)
- 5975 CHINA RP; 1145-1155 CC, opera, bad QRM from Canada. (Singler 8/10)
- 5975 UNID. 1156-1200 in unknown lang., Wanner and "Internationale" at 1156, then chimes, anthem type mx, W in tlk at 1200. (Jones 8/16) How about above? KCC.
- 5980 PERU R. Panamericana; 0600-0655* SS, ads, ID, Gershwin mx, light classical mx, and typical LA mx. (Willis, Hauser 9/3, Padula & Hamer 8/28, Beal 8/26)
- 5980M MEXICO R. Mexico; 0127 ID in SS anncing new freq for Caribbean. (McCoy 8/22) 0333* with "La Golondrina"? Badly distorted audio. (Jones 8/21)
- 5980 EL SALVADOR R. Nacional; 0505-0537 SS, LA mx and ads. (Beal 8/26)
- 5980 SIBERIA LEONE SLBS; 0654-0700 EE, ads, DRG mx, severe KQEI QRM. (McCoy)
- 5980 SOUTH AFRICA RSA; 0110 EE, cmntry on Rhodesian conf followed by ID. (Slaff 8/14)
- 5980 AUSTRIA ORF; 0430-0445 EE, "report from Austria" pgn. P. (Hoffman 8/26)
- 5985 ARGENTINA R. Splendid; 0955 SS, tlk, mx and ads. (Zilmer 9/1)
- 5985 USA WYFR; 0105 EE, as of 9/7 changed from S to EE on this freq, as it dropped 11720; now sked to Mexico, EE 0100-0500 // 9525. (Hauser)
- 5987 JULAHESI RRI Menado; 0930 Indo, strongest Indo on the band this hour. (Shaw)
- 5990 COLOMBIA LV de los Centauros; 0915-0941 SS, ID, ads, Colombian mx, and tlks. (Jones 8/21, Zilmer 9/2, Cosier 8/23)
- 5990 CANA A BBC via Sackville; 1058-1106 E, mx re Timor. Strong carrier hum. (Moritz)
- 5990 ROMANIA R. Bucharest; 0132 EE, s/on, W reads the mx. (Miller 8/28)
- 5990 ENGLAND BBC; 1150-1209 EE, IS, ID, mx. (Davenport 8/3)
- 5995 AUSTRALIA R. Australia; 0905-0920 EE, mx and pop mx. (Yajko 8/20, Earhart 9/7)
- 5995 VATICAN Vatican Radio; 0103-0112 EE, tlk on food production, into FF at 0115. (Moritz, Jones 8/24)
- 5995 MALI R. Mali; 2215 FF, Afr mx, monotonous singing, drums. (Miller 9/6)
- 6000 BRAZIL R. Inconfidencia; 0835-0900 PF, singing ads, mx, ID's 0853, 0900. WRTM shows time 0900-0300. (Beal 8/16)
- 6000 HUNGARY R. Budapest; 0204 EE, discussion re conference, letters read. (Miller) 0400 s/on in EE w/UK pgn. (Cohen 8/30)
- 6005 CANADA CBCX; 1600-1626 E* mx about Canada, stock report. (Moritz) 1800-2110 EE, pop mx, tlks. (Hasvlik, Cohen)
- 6005 AUSTRALIA R. Australia; 0930 EE with pop mx, W DJ. (with 9/10)
- 6005 W. GERMANY RIAS; 2155-2200 GG, unusually strong sig with discussion by W and CC pop sonrs. (Padula 8/23)
- 6006 COSTA RICA R. Relej; 0910 SS, pop mx, ID at 0914. (Beal 8/16)
- 6010 VENEZUELA R. Los Andes; 1043 SS, ID, freq's, ads, TC. (Jones 9/4)
- 6010 ITALY RAI; 0120 opening FF; EE at 0100 no longer has DW QRM. RAI has reactivated this as usual, replacing 11810, a summer-only channel for NAS. // 9575. (Hauser 9/10)
- 6010 E. GERMANY RHI; 0000-0006 SS, IS, ID and into mx. (Moritz)
- 6015 GREECE VOA Rhodes; 2135-2200* EE, interview, ID and no Yankee Doodle. (Gaffin)
- 6015 MOROCCO VOA Tangier; 0529-0535 EE ID and into AA. (Moritz)

- 6015 BRAZIL R. Clube de Pernambuco; 0015 PF, tlc with typical Portuguese excited yelling. (Zilmer 8/29) 0853 PF, ID, freq's, ads and comedy pgs. (Jones 8/26)
- 6020 VENEZUELA R. Ansoategui; 1015-1022 SS, ID, TC, mx and LA mx. (Zilmer 9/1, Jones)
- 6020 NEH. ANTILLES RN Bonaire; 0115-0200 SS, ID, orch mx, mx and tlks. (Thompson 8/30)
- 6025 PORTUGAL R. Portugal; 0220-0250 EE, pgs on cl mx, tlc on Port affairs. (Beal 8/22, Moritz) 0335 PF, mx. (Wilson 8/19)
- 6025 NIGERIA NRC-Emgu; 0603 EE mx by M, ment of Nigeria. (Robins 8/25) 2252-2306* EE, pop mx, pips and ID at 2300, mx and s/off at 2305 with anthem. (Corson 9/9)
- 6025 PARAGUAY R. Nacional de Paraguay; *1000 with anthem, ID, and into mx. (Jones 8/21)
- 6030 COLOMBIA R. Nacional; 0415 SS, concert mx, ID at 0435. (Beal 8/13)
- 6030 UMRD. Afr station 1h30 in Swahili, also other langs, and Afr mx. Het by FEBC and Baghdad. Maybe Uguanda? (Willis)
- 6035 BOLIVIA R. Panamericana; 1010-1038 SS, festival-like mx, freq injections by announcer over mx, ID, and tlc in Indian lang. (Robins 8/21, Jones 8/15)
- 6035 BRAZIL R. Globo; 0000 PF, tlc and modern mx. (Zilmer 9/3)
- 6035 USSR Khabarovsk (List); 1215 in RRT, chimes, W and M tlc, mx // 6080. (Jones 8/16)
- 6035 SWEDEN R. Sverden; 2312 EE, tlc about amnesty. (Yajko 8/15)
- 6040 COLOMBIA LV del Tolima; *0931-1001 SS, ID's, pgs with birthday greetings, and mx. (Gaffin 8/26)
- 6040 HUNGARY R. Budapest; *0700-0730, Turkish svc on Sundays only. (Padula 8/24)
- 6040 W. GERMANY DW; *0130 EE to HA // 6010. (Cohen 9/1)
- 6045 PERU R. Santa Rosa; *1105 SS, anthem, ID, freq's, and into airband mx. (Jones 8/16)
- 6045 1055 SS tlc and mx. (Zilmer 9/1)
- 6045 JAVA RRI Jakarta; 1145-1200 Indo, symphony mx, M and W tlc, "Love Ambon" at 1158, and then mx // 7058. (Mayer 8/22)
- 6050 ECUADOR RCNB; 1924 SS, unusual daytime opening, probably sporadic E, vocal mx, then medical tlc // 15270. (Hamser 8/9)
- 6050 SPAIN RNE; 0230 SS, ID, cl mx and tlc by W. (Miller 8/25)
- 6050 ENGLAND BBC; 0145-0220 EE, world mx, comments on Portugal, tlc on mx. (Thompson)
- 6055 USA UN Radio; 0122 special session coverage in French; is Greenville, on a 45° beam, available 2300-3000 (32° after 0145); causing severe QRM to BBC. (Hamser) 0700-0730 in FF, EE and PF mx. ID's at 0715 & 0730. (Aston 9/4)
- 6060 ARGENTINA R. Nacional; 0755-0840 SS, some C&W mx, mostly tlc, ID and TC. (Beal, Padula 8/24)
- 6060 UMRD. 1200-1400, Malaysian station here which relays R. Malaysia Kuching for mx, but has a diff ID. (Willis)
- 6060 SICILY RAI Caltanissetta; 2340-0036, opera mx, 0000 II mx, 0003 EE mx, then orch mx, 0030 FF mx, 0033 GG mx. (Smith 8/20)
- 6065 COLOMBIA R. Super; 0500-0800 SS, LA mx, ID's, tlks. (Robins, Earhart, Moritz,
- 6070 BULGARIA R. Sofia; 2210-2225 II, lt mx, ID. (Gaffin 8/22) / Yajko)
- 6070 THAILAND R. Thailand; 1150 with soft-voiced W w/piano classics. No sign of RRI Jayapura which should be around until 1200. (Shaw 9/8)
- 6070 VENEZUELA R. San Sebastian; *1000 anthem, SS ID's, freq's, etc. RRI off here for several days. (Foster 8/17)
- 6075 UMRD. AA station at 1450. Not // Baghdad 6030, 6095, Cairo, etc. G. (Cosier) Date?
- 6080 NEW ZEALAND RNZ; 1144 EE, pgs sked, TC. (Jones 9/3)
- 6080 USSR Komsomol (List); 1215 in RRT, chimes, W & M tlc, mx // 6035. (Jones 9/3)
- 6080 SAUDI ARABIA BSKA; 2304-2315 AA, W in chants, occasional chorus, M announc. // 6130.
- 6080 BETHLEHEM RTB; 0051-0100 EE, tlks. (Yajko 8/17, Moritz) / (Shingler)
- 6085 CANADA RCI; 0100-0150 EE, mx pgs on Olympics, Kissinger. (Kamry, Moritz)
- 6085t BRAZIL R. Jornal do Comercio; 0057 PF, tlc until RCI s/on at 0100. (McCoy 9/11)
- 6085c INDIA AIR; 2200 EE mx, pgsmd sounded like India. QRM ABC 6090. (Cosier)
- 6085 NETHERLANDS RE; 2155-2210 SS, ballads and tlc to 2200 then ID. (Earhart 8/18)
- 6090 LUXEMBOURG R. Luxembourg; 0003-0315 EE, US pop mx. (Aston 9/10, Moritz, Yajko, Levy 8/10) 0458-0610 GG, Choir type music, tlc, maybe sermon. (Earhart 8/21, McCoy)
- 6090 NIGERIA RTV Kaduna; 2225-2315* Hausa, local mx, Koran chants, EE ID's, off with anthem. (Robins 8/25, Shingler, Mayer 8/25, Corson 9/11) 0537-0540 EE, mx and ads in Hausa. (Wasyluk, McCoy 8/30)
- 6095 COLOMBIA LV del Centro; 0820 SS, slow LA mx. (Cosier, Beal 8/15)
- 6095 PERU R. Nacional; 0315-0330 SS, airband mx, ID. (Wilson 8/19)
- 6100 MALTA DM; 0130-0150 EE, s/on with ID, freq's, and then summary of the news. (Beal) 0125 EE mx pgs. QRM from US military stations underneath. (Moritz 8/19)
- 6100 MALAYSIA R. Malaysia; 1350-1400 in unknown lang, pop mx, W announc. (Beal 9/2)
- 6105af NEW ZEALAND RNZ; 0615-0805 EE, sports mx, popax. Pacific Islands Service. A move from 6080 where dominated by VOA. (Padula & Hamser 8/28, Hamser 9/3, Beal 9/3, Jones 8/26, Cosier, Trubes 8/28)
- 6105 UMRD. 1010-1013* EE, s/off with South Sea island mx like Indo. (Zilmer 8/31) RNZ?
- 6110 PHILIPPINES VOA Para; 1405 EE, mx in special EE. (Beal 8/29)
- 6115 MEXICO R. Universidad; *1500-0300* SS, 61 mx pgs. (Davis) 0250 mx, ID. (Wilson)
- 6115 CONGO RTVC; 2220-2300* PF, Afr mx, mx, ID and off w/anthem. (Gaffin 8/14, Shingler)
- 6115 BRAZIL R. Tupi; 0405 with fast-paced DJ, hot latin rhythms. Beware Mozambique on some freq. Some QRM from Colombian. (Shaw 9/7)
- 6119.7 INDIA AIR; 1230 EE mx on new freq. (Willis)
- 6120 ARGENTINA R. El Mundo; 0410-1015 SS, recalls, tango mx, ID's, TC's, and ads. (McCoy, Wilson 8/27, Cosier, Gaffin 8/17, Foster 8/18, Jones 8/17)

- 6130 CANADA CRNX; 1834-1900 EE, ads, pop mx. (Moritz 8/29, Cohen 8/24)
- 6130 ECUADOR HCJB; 0640-0650, EE ID and TC, into "La voz del Tiempo". (Gaffin 7/31)
- 6130 JAPAN NHK; 1232 JG tlks under Laos & USSR. (Cosier)
- 6135 CHILE R. Univ. de Concepcion; #1049 SS/EE/FF, tone, lt mx till 1059, time pips at 1100 followed by guitar tune rptd. SS ID followed by EE & FF ID's by W. Asked for reports to PO Box 23377, Concepcion. (Jones 9/2)
- 6135 BRAZIL Radio. TV. Guacabo; #0945 FF, IS, ID and then into rel pgm. (Zilmer 8/24)
- 6135 SWITZERLAND SBC; 0113-0210 EE, IS, ID, mx with M&W, cmtry. (Fino 8/23)
- 6135 TAHITI R. Tahiti; 0655-0700* annets in seeming Tahitian by M, 0658 "La Marseillaise" till carrier off at 0700. P in QRM. (Robins 8/25)
- 6145 ALGERIA RTVA; 2132-2140 AA, chants by W. (Shingler)
- 6150 COLOMBIA LV del Huila; 0156 SS, LA mx, ID "Radio Central Popular en Neiva, La voz del Huila". (Jones 9/2)
- 6150 COSTA RICA R. Atenas; 0521-0528 SS, ID's and pop mx. Unusual time for me. (Moritz)
- 6155 GUINEA Voix de la Revolution; 0605-0630 FF, Afr mx, discussion, FF anns by M, and partial ID. (Padula 8/17, Robins 8/20)
- 6155 AUSTRIA ORF; 0350-0356* EE, ID, Contemporary Austrian mx, "Report from Austria" pgm. (Schwartz 8/6)
- 6160 COLOMBIA Em. Nueva Granada; 0927-1005 SS, mx, mx of revolt in Ecuador, ads, and several ID's. (Gaffin 9/1)
- 6160 CANADA CKZU; 1000 EE, mx, wx, sports. (Zilmer 9/8)
- 6160 CANADA CKZN; 2025-2045 EE, tlk, TC, CBC mx. (Gaffin 8/21)
- 6165 HETH ANTILLES RR Bonaire; 0100-0250 EE, mx, mx interludes, ID. (Fino 8/16, Tajko, Davenport) 0500-0505 EE, "The Monday pgm" (Hoffman 8/26)
- 6165 SWITZERLAND SBC; 2050-2105 SS/EE, IS and EE mx at 2100. (Gaffin 8/21)
- 6165 MEXICO LV de America Latina; 0730 SS ID, then into mx. (Foster 8/22)
- 6170 MOROCCO RTVM; 0148 AA chanting, mx and singing. (Jones 8/23)
- 6170 VENEZUELA R. Nacional; 0005-0012 SS, ID followed by mx on Middle East. (Moritz)
- 6175 COSTA RICA Faro del Caribe; #1000 S, anthem, ID's, freq's, "Emis. cultural de Costa Rica". (Jones 8/13)
- 6175 BRAZIL R. Guarani; 0815 FF, tlk and bouncy mx. (Cosier)
- 6175 ENGLAND BBC; 2315-0115 EE, ID, mx, etc. (Conover 9/13, Davenport 8/3)
- 6175 CANADA BRC; 2316 EE WRC, rave review of Hank Bennett's book. (Hauser 8/20)
- 6180 VENEZUELA R. Turismo; 1025 SS, many ID's, ads, tlks and mx. (Zilmer 8/30)
- 6180 GUATEMALA R. Nacional; 0955 SS, tlks, mx and ads. (Zilmer 8/31)
- 6180 COLOMBIA R. Nacional; 0412-0425* SS, interview, s/off info. (Gaffin 8/14)
- 6185 HONDURAS R. Swan; 0630-1140 SS, many ID's, LA mx, "Zippity Doo Dah" theme, asks for reports. (Jones, Schwartz, Zilmer, Trubea, Beal, Moritz, Wegener, Cosier, Willis)
- 6185 W. GERMANY LW; 0530-0550 EE, mx and cmtry. (Aston 9/4)
- 6190nf SPAIN RNE; 2300* SS to SA, ex 6100 but still anns 6100. (Padula 8/9)
- 6195 NIGERIA NBC Sokoto; 0627 EE, tlk on W Afr economy. (McCoy 8/17)
- 6195 CHILE R. Nacional de Chile; #1000 SS, tlk, mx. No LV de Chile pgm heard, only SS until BRC s/on at 1100. (Zilmer 8/30)
- 6200 ALBANIA R. Tirana; 0230 EE, mx and comment. (Larson 9/8)
- 6200f USSR Keng; 1115-1130 W in Far East lang with tlk, cl mx. (Shingler)
- 6200f CLANDESTINE LV du Pathet Lao; 1405 W with mx, mentioning several prominent names. Excellent sig level but poor quality due to mod. her end. // on 6212 at a better level. (Shaw) s/off at 1500 ex 1600. (Willis) Lang?
- 6201A UNID. 1145-1237 in unknown lang with mournful Russian type singing, ID repeated 3 times at 1145, also other times with chinese type mx. (Jones 8/16, 8/29) Heard here most a.m.'s in that time slot with same type pgming. Would guess it's Pathet Lao based on reports here and elsewhere. //6213 not heard here though. KCC.
- 6250 UNID. 0920-0930* in supposed Asian lang. Asian type mx with female chorus. North Korea reported here last spring, but not recently. Reported tent. N Korea on 10/13/74 also w/sign off at 0930. (Earhart 9/7)
- 6256.3 PAKISTAN RP; 1340 Urdu type anns. Now here ex 6260. (Willis)
- 6260 CHINA RP; 1348 CC, revealed now that Pakistan has drifted. (Willis)
- 6318 S. KOREA Echo of Hope; 1045-1200*, again at 1240 KK, with very pretty oriental type mx, anns by W with soft voices, some tlk. (Shaw, Zilmer 8/26, Robins 8/26, Corson) See June, September LN for further info on this station. KCC.
- 6358 NO. VIETNAM Hanoi; 1145 with both VV and CC, piano recital with W host. (Shaw 9/14)
- 6405t THAILAND Or Sor; This is till here and should be audible at other QTH's in Calif., certainly in Pacific or Asia. How about it fellas? Low M voice sounds Thai to me - not Chinese. Considerable splash from Peking on 6410. (Shaw) Time?
- 6448v NO. VIETNAM Hanoi; 1155 drifting while I am tuning. 45 to 50. (Shaw 9/14)
- 6449.2 (T) NO. KOREA Pyongyang; 1140 with usual super-emphatic KK tlk by W, relatively mid mx. (Robins 8/21) Sure it wasn't N. Vietnam? KCC.
- 6450 NO. VIETNAM Tay Bac; 1120 in lang with tlk and mx. (Zilmer 8/31)
- 6652 UNID. station with Asian mx, lang sounding Cambodian or Laotian to 1345*. Very weak. NOT 2x3326 RPT. (Cosier)
- 6652 LAOS Laotian station here s/off at 1346. Since it has reg relays of Pathet Lao, I guess it is a regional Laotian station. Not 2nd harmonic of Jayapura. (Willis)
- 6665 CHINA RP; 1520 CC, 1st pgm, ute QRM. (Wilson 9/7)
- 6765nf CHINA PLA; 1025 CC, excellent sig. (Willis)
- 6900 TURKEY Turkish Meteorological R; 1430 at exec level. (Willis)

- 6987t CLANDESTINE The station I reported here last month as being Pathet Lao has now introduced its own programmes and signs off at 1400. However some relays of Pathet Lao are still noted. (Willis)
- 6995nf CHINA RP; 1135 CC, drifts. (Willis)
- 7010 PAKISTAN RP; 1335 tiking in SE Asian Lang; 1340 to open carrier; must be Islamabad as sked; also noted at 1224 with sitar mx; at some other hours Peking uses this freq. (Hauser 8/15, 8/24) 1230 in lang, chanting type mx, EE mx at 1300. (Wasylik)
- 7025 CHINA PLA; 1110-1120 CC, tlik by M & W then mx. Much static. (Earhart 8/20)
- 7058t INDONESIA RRI Jakarta; 1259 mx, 1300 sounded like muezzin, not surprising for Indonesia, but not expected at such a time on RRI. (Hauser 8/24)
- 7050 EGYPT R. Cairo; 2255-2312 AA, tlik by M&W, singing by M with orch background. QRM from c.w. (Earhart 8/12, 8/16) Sorry, out of order.KCC.
- 7065 ALBANIA R. Tirana; 2221-2230 EE, cmntry about communists, tlik on inflation, ID. (Moritz, Earhart 8/28) 0120-0159* PP, IS, ID, political tlik, ams of freq's. (Fino, Earhart 8/17)
- 7085 PAKISTAN RP; 2132-2145* EE, tlik by W, typical Pakistan mx, M tiking until "switch pulled" at 2145. (Earhart 8/25, W. Smith 8/31)
- 7090t ALBANIA R. Tirana; 2158-2209 in Serbo-Croat? Heard end of Nationale, then silence until 2200 when short mx interlude but not IS listed in WRTH and then 2 men tiking in unknown lang. This is Serbo-Croat pgm listed in WRTH '75. (Earhart 8/28)
- 7100 USSR RM; 2310-2318 EE, Discussion of W&M rights in US, and comparing with Russia. (Earhart 8/16) 0130-0215 EE, mailbag pgm, mx, comment and mx. NAS again down to 41 m after a midsummer no lower than 31m. (Hauser 8/10, Aston 9/9, Wilson 8/19) 0400 EE, mx and answers to letters. (Talbot 8/23)
- 7100 USSR Yakutsk; *1000-1500* RR HS now in use. Pgm 1A to 1400, Mayak to S/off. QRM fm Petropavlovsk. (Davis)
- 7105 MONACO TWR; *0620-0700 EE, ID, rel tlik by M, "Back to Bible" pgm. (Gaffin, Moritz)
- 7105 SPAIN RNE; 2135-2145* SS, mx and tlik, ID and IS just before s/off. (Earhart 8/19)
- 7105 ASCENSION IS. BBC; 0528-0536 FF, chines, F tiking in FR. (Earhart 8/17)
- 7115 PORTUGAL RFE; 2245-2250 Hungarian, ballads and tlik by M. (Earhart 8/16)
- 7115 ZAIRE La Voix du Zaire; 0515-0530 FF/vern, native singing with rhythmic strings, W annor. Much QRM from c.w. & hams. (Earhart 8/17) Kinshasa or Bandundu, Ken? KCC.
- 7116.15 ZAIRE Kinshasa; 0209 with hillife mx, 0214 measured against VOA-7115 het; don't confuse with Bandundu outlet on 7115. (Hauser 8/24) (Moritz, Earhart)
- 7120 ALBANIA R. Peking relay; 0103-0320 EE, mx about local politics, swimming meet, etc.
- 7120 ENGLAND BBC; 2240-2245 EE, sq dance & folk mx, sports mx. (Earhart)
- 7125 USSR Khabarovsk; *1800 Chinese service. Weak with unusual fade out by 1830 or 1900.
- 7130 ENGLAND BBC; 0332-0340 EE, opera mx. (Earhart 8/17) (Davis)
- 7130t CHINA RP; 0925-0935 in unknown lang, only ID was typical Chinese interlude mx. (Earhart 9/6)
- 7130 UNID. 1058-1140 several mornings with vocals by W, ams by W, in SE Asian lang until 1130, then into Chinese. US pops one a.m. until 1130. Oriental orch mx used as interlude at 1130. R. Peking or Taiwan? (Corson 9/19, 20, 21)
- 7135 UNID. 1228 tiking in programic intonations, possibly RR, on SSB; perhaps Soviet Feeder. (Hauser 8/24)
- 7140 JAPAN NHK; 1228-1300 RR, IS 1228; EE ID 1229; and into RR pgm. (Hauser 8/24, McNeil)
- 7145 UNID. 1108-1130 M & W alternating tiking in unknown lang. Hvy QRM/QRN. (Corson 9/19)
- 7155 JORDAN R. Jordan; 2133-2348 AA, tlik, mx, anns. (Shingler, Davenport 8/2) 0420 AA mx and anns. VP. (Robins)
- 7155 ENGLAND CBC via Daventry; 0630-0645 EE, cmntry on US in Mid-East, ID. (Beal 9/5)
- 7160t USSR RM; 2225-2240 RR?, semi-classical mx, tlik. (Earhart 8/16)
- 7160 MOROCCO VOA-Tangiers; 0750-0800* AA, tlik by W. At s/off EE ID, giving Tangiers and freq. Official sked lists Kavala, Greece. (Earhart 8/30)
- 7165 KYUKU IS. VOA-Chinawa; 1100-1115 EE, mx by M, cmntry re Ecuador. (Robins, Talbot)
- 7165 ETHIOPIA ETLF; 0345-0401 Swahili, rel type choral mx, W annor between numbers, at 0400 into EE mx. (Earhart 8/17)
- 7165 PORTUGAL RFE; 2250-2255 Czech, semi-classical mx, QRM by hams. (Earhart 8/16)
- 7170 NEW CALEDONIA Noumea; 0804-1101* FF, pop mx, tliks, s/off with "La Marseillaise". (Robins 8/21, Earhart 8/16)
- 7170 SOUTH AFRICA SAB; 0510-0555 Afrikaans, hymn, prayer and sermon. (Earhart 8/17)
- 7175 W. GERMANY DW; 2215-2225 in Euro lang, mx and ID. (Earhart 8/16)
- 7185 ENGLAND BBC; 0405-0450 EE, mx report, cmntry. (Talbot 8/23, Earhart 8/17)
- 7190 PORTUGAL RFE; 2202-2210 Polish, tlik and mx. (Earhart) 0440 Polish, mx, ID. (Gaffin)
- 7190 USSR RM; 2330 IS, then Quechua(?); 8/23; also 8/24 at 025F SS, different IS, pause, 0300 open SS on "25 y 31 metros". Virtually no communication between prop eng who do an excellent job of keeping up with changing cond, and the annor/programers.
- 7190 YEMEN DEM. REP. Aden; 2145-2200* AA, mx, ID, tliks. (Mayer 9/6) (Hauser)
- 7195 LIBERIA VOA-Monrovia; 0441 EE, cmntry & mx. (Talbot 8/23)
- 7200 USSR Yakutsk; *0930-1700* RR HS now in use. Pgm 1B (Siberia version). Wiped out 1130-1630 by Vladivostok Mayak Svc. (Davis)
- 7200 ENGLAND VOA-Woolferton; 0630-0640 EE, brkfst show, mx, orch mx. (Earhart 8/24)
- 7210 AUSTRALIA R. Australia; 1210 EE, local mx. Listed as 10 kw. but Strong. (W. Smith)
- 7215nf PORTUGAL (?) RFE; 0555 Romanian ID after s/on mx. Now blocks Ivory Coast. (Willis)
- 7220 AUSTRALIA R. Australia; 1132-1225 EE, C&W mx, mx, ams by W. (Robins, Earhart)
- 7220 HUNGARY R. Budapest; *0400 EE DX pgm, better than // 9833. (Cohen 9/3)

- 7225 RWANDA IM Kigali; 0330-0340 Wahili, piano solo, Afr mx. (Earhart 8/19) 0450 EE, cmtry, mx. (Talbot 8/23)
- 7225.16 PHILIPPINES FEBC; 1221-1403, pop vocal in EE; het on low side, but freq given was measured another day by Charles Taylor, Indianapolis, on a Heath freq counter; also 1257 hymn; 1403 hymn mx. (Hauser 8/24) 1136 lang, mx, tlk, hymns. (McCoy 9/9)
- 7225 EGYPT R. Cairo; 2150-2202 AA, string instru, W anner. (Earhart 8/16)
- 7227A UNID. 2305-2315* in unknown lang, pop type mx with short statement in between each number. (Earhart 8/18, 9/3)
- 7235 AUSTRALIA R. Australia; 1138-1230 Indo, pop mx, mx and tlks. (Robins, Miller, Talbot)
- 7240 GREECE VOA Kavala; 0223-0304 RR pgm. QRM R. Moscow. (Smith 8/21) /Earhart
- 7255 USSR Asian site; Radiostansiya Yunost program hrd 0600 with strange IS. M & W with apparent political tlks. Later some mx. (Shaw 9/13)
- 7260 INDONESIA unid.; 0615-0630 Indo tlks, mx on E/19. Not hrd since. (Padula)
- 7262 MONGOLIA Ulan Bator; 0650-0900, ran tests with pips and tones. 0900 into normal Mongolian HS. May try running 0620-0900 pgm on this channel. (Willis)
- 7265 W. GERMANY Sudwestfunk; 0335-0345 GG, mx, ID. (Schwartz 8/7)
- 7270 SOUTH AFRICA RSA; 2120-2132 EE, mx and interview about Shakespeare. (Earhart 8/16) 0310 EE, "Good Morning Africa" pgm. (Aston 9/10)
- 7270 ASCENSION IS. BBC; 0617 in EE; not sure when they moved from 7260 which began in Jan 1975; possibly BBC MS wanted 7260 clear for its Comoran monitoring..? At 0500 freq switches from RSA to BBC. (Hauser 8/16)
- 7275 NIGERIA VON Lagos; 0620-0715 EE, mx, cmtry, native singing. (Earhart, Jones, Robins)
- 7280 USSR R. Paz e Progreso, 0110 PP, ID's, anns, also a seasonal move. (Hauser 8/10)
- 7285 W. GERMANY IM; 0201-0219* EE, tlks, violin solos, ID at s/off. (Earhart 8/27)
- 7285 PORTUGAL IM Sines; 0440-0455 Bulgarian/Romanian, mx and tlks. (Earhart 8/17)
- 7285 JAPAN NHK; 1112 EE, mx. (Yajko 8/20) /Cosier
- 7285t SOUTH AFRICA SABC; 0553 EE, light instru tunes. Very weak. Poland not noted.
- 7290nf AUSTRALIA R. Australia; *1030-1300 unknown lang, tlks, mx. (Earhart, Talbot)
- 7295 MALAGASY RN; 2038-2100 FF, US pops w/out anns, ID at 2058. (Earhart 8/16)
- 7295 W. GERMANY DM; *2130 GG, IS at s/on. (Talbot 8/23)
- 7300nf MONGOLIA Ulan Bator; 1300-1400* GG, 1330 IS and into Mong. Replaces 7237, but may not be a permanent move. Reception is excellent and may allow WCMA reapt. (Willis)
- 7300 YEMEN ARAB REP. R. Sanaa; 2115-2202* AA, mx by M, mx and chants. (Mayer 8/23)
- 7310 USSR RM; 2028-2130 EE, cmtry by W&M, mx, ID's. (Earhart, Talbot)
- 7320 USSR Unid.; 0958-1005 RR, tlk by W, pips, then probable mx by M&W. (Earhart 9/1)
- 7320nf ISRAEL IBA; *2200-2255* FF, //9820, 9009, 7395 to No. Afr/Carribbean. (Magne 9/7)
- 7325 ENGLAND BBC; 2245-0100 EE, nx, sports scores, features, drama show. (Yajko 8/14, Talbot, Moritz, Earhart 8/12, Davenport 8/2)
- 7345 CZECHOSLOVAKIA R. Prague; 2334-2350 SS, piano mx. (Earhart 8/16) 0100-0200 EE, mx, tlks by W&M. (Miller, Davenport) 0229 SS, GMT-Monday-after-first-Sunday-of-the-mos SS DX pgm ended at 0229 on 9/8; previous mos started at 0237. (Hauser) 0345-0400 EE mailbag pgm. (Hoffman 8/26)
- 7360 USSR RM; 2335-0000 SS/RR, tlks, definite ID at 2356, then mx. (Earhart 8/12)
- 7375At NO. VIETNAM Hanoi; 1032-1045 VV, typical VV Mx and tlk by W between numbers. Cov. by RTTY at 1045, ok at 105F check. (Earhart 9/6)
- 7384 LAOS Voice of Peaceful Laos; 1056-1154 in Lao with long speeches, mx. (M Smith 9/6)
- 7395nf ISRAEL IBA; *2000-2055* EE, *2200-2255* FF to W. Eu/NA //7320. (Magne 9/7) 0420 FF, tlk and orch mx s/off at 0430. (Earhart 8/17)
- 7415t VIETNAM Liberation Radio; 1050-1105 VV, hard copy due to RTTY but could hear high pitched voice of W, and some VV type mx. (Earhart 9/6) See below Ken, KCC.
- 7425 VIETNAM Liberation Radio; 1400 heard on occasions running VV HS and is alternate channel for 7415. (Willis)
- 7490t USSR Asian site; 1018-1025 RR, definitely RR and doubt Peking as listed WRTS since mx was "modern western". (Earhart 9/6)
- 7504 CHINA RP; 1026 Mandarin? with tlk by M&W, QRM Australian time sta on 7500 (Earhart)
- 8471.3 VIETNAM Unid.; Vietnamese station heard irr here. Is not a ute. Sched is 1100-1325* *1330-1400 plus. No // 's noted. (Willis)
- 9014.8 IRAN VOI; 1330 hrd on this nf for 3 wks during Aug. Now back to 9022. (Willis)
- 9022 IRAN VOI; *2000 mx, cmtry, mx. (Cohen 8/24) 0020-0026 AA mx. (Moritz) Lang?
- 9047 IRAN VOI; 1520 not // other outlets. (Willis)
- 9310 NO. KOREA R. Pyongyang; 1100-1150* in unknown lang, tlk, mx. (Zilmer 8/31)
- 9360 SPAIN RNE; 0200 SS, mx pgm. (Yajko 8/15)
- 9365 CHINA RP; 1133-1140 CG?, orch mx, pretty much cl chinese, but philharmonic type feat piano. (Earhart 9/6)
- 9390 CHINA RP; 1115-1125* CG, tlk and mx with "Internationale" at 1123. Into another pgm at 1130 w/1's. (Earhart 9/6)
- 9400nf ISRAEL IBA; HS relay currently using low power here, noted 2000-2305* and *0400 //1200, 12045 USB. (Magne 9/7) ex 9495.
- 9410 ENGLAND BBC; 2200-2210 EE, world nx. (Earhart 9/6)
- 9420 NO. KOREA R. Pyongyang; 1000-1050* EE nx and comment. (Zilmer 8/31) 1345-1350* EE, ID, sched and NA. (Larson 9/7) 1430 RR tlk, ID. (Hauser 8/3)
- 9460 PAKISTAN RP; *1300 EE, mx, comment and lcl mlk. (Zilmer 8/31)
- 9475 EGYPT R. Cairo; 1923-1932 AA mx, ID, tlk by M. (Moritz) 0055 SS, AA mx. (Slaff) 0210 EE, mx pgm. (Yajko 8/14)
- 9500 USSR unid.; 0800 EE, not sure but think this is RM Pacific Coast sta. (Larson)

- 9505 DOM. REP. RTV Dominica; 2130-0100* SS, LA mx, ID's by M&W, mx. Where is EE pgn listed to begin at 2115 in July PREMIER? (Wegener 9/7, Beal 8/20, 26, Moritz)
- 9505 SUDAN R. Omdurman; 1515 with ID in AA, Excellent level. (Willis)
- 9510 VENEZUELA R. Barquisimeto; 1115 SS, ID, TC, mx. (Jones 8/11) 2219-2235 SS, mx and tk by M. (Moritz)
- 9510 ROMANIA R. Bucharest; 1915-1950 EE, W reading letters fm listeners. (Hoffman 8/21)
- 9515 TURKEY VOT; 2215-0029* EE, Turkish & US mx pgn, tlks, mailbag pgn. (Hoffman 9/9, Sharp 9/8, Moritz, Larson 8/10, Beal 8/29)
- 9520 KUWAIT R. Kuwait; 1350 AA, M hosting vocal mx and instrumentals. (Shaw 9/9)
- 9520 SPAIN RNE; 0110-0200 SS, mx, mx to LA. (Davenport 8/3)
- 9520 NEW ZEALAND RNZ; *0600-0610 EE, bird IS, opening mx and into mx. (Caffin 8/11)
- 9520 USSR R. Vilnius; 2213-2359* EE, tk, read listener's ltr. (Caffin 8/31)
- 9525 CUBA RHC; 0638-0800 EE, mx read by M&W, tlks, "Voice of Vietnam" pgn. (Aston, Hoffman)
- 9525 INDIA AIR; 2155-2200 EE, mx, flute type mx, W ann. (Zilmer, Shingler)
- 9525 SOUTH AFRICA RSA; 2308 EE, IX pgn with Gerry Wood. (Cress 9/3, Conover 9/13)
- 9530 PHILIPPINES VOA Porro; 1300 VV mx. (Wilson 8/16)
- 9530 AUSTRALIA R. Australia; *2100 EE, IS, ID, list of freq, into mx. (Wegener 9/8)
- 9533 PERU R. Nacional Tacna; 0435 SS, group vocals, Andean mx, Anns by M. (Robins)
- 9535 ANGOLA Baisora Oficial; 0535-0710 PP, tk on nationalism, catchy songs. (Caffin, Earhart 8/30)
- 9540 NEW ZEALAND RNZ; 0555-0823 EE, mx pgn, sports mx, world rx. (Robins, Aston 9/14, Yajko 8/20, Earhart 8/30)
- 9545 PHILIPPINES VOA Porro; 2305 EE, mixing with DW SS. (Hauser 9/7)
- 9560 ISRAEL IBA; 2200-2258* FF, mx, tk, mx. //12025, 9820. (Zilmer 8/27)
- 9570 ROMANIA R. Bucharest; 0101 EE, mx, country, mx. Severe QRM fm 9565 sta. (Beal 8/12)
- 9570 NETH. ANTILLES TVR; 0915-0930 FF, Hymns & tk, ID, gong IS, into SS. (Earhart 9/1)
- 9575 AUSTRALIA ABC Perth; 0900-0915 EE, mx countdown. (Davenport 8/2)
- 9575 ITALY RAI; 0100-0105 EE, mx, tk, light mx. (Russell, Sharp 9/8)
- 9580 ENGL/ND BBC; 2128-2330 EE; mx features. (Davenport 8/2)
- 9580 AUSTRALIA R. Australia; 1115-1111 EE, mx, pgn notes, mailbag, discussion on inflation in Australia. (Yajko 8/20, Davenport 8/2, Moritz, Schwartz 8/5, Conover)
- 9580 ZAMBIA ZBS; 1915 vernacular, M with tk, ID, light mx. (Mayer 9/1)
- 9580 PHILIPPINES VOP; 1130 EE, features, mx, "Philippines economic digest". (Wilson 8/16)
- 9585 SOMALIA REP. R. Mogadishu; 1930-2102* Somali, Afr mx, mx at 2017, ID at 2100 and off with NA. (Wegener 9/9, Estes, Corson) (9585.7) 1115 in unknown lang. Very likely Mogadishu via LP causing het against R. Japan. Been rptd 9586, but not there (Hauser)
- 9585 MALAGASY REP. RN; 1955 EE, IS, ID at 2000 followed by mx. (Cress 9/1, Padula 8/11)
- 9585nf SOUTH AFRICA RSA; 2230-2320 EE, mx, comment. Replaces 9695. (Zilmer 9/7)
- 9585 HUNGARY R. Budapest; Turkish svc now here, Sundays only 0700-0900 via LP. Is a new service // 6010. (Padula 8/17)
- 9590nf SWAZILAND TMR; 0510-0650 EE, hymns, rel pgn, ID's. (Padula 8/9, Cosier 8/17)
- 9590nf BRAZIL R. Cultura da Bahia; 0100 PP, tk, mx, move from 9595. (Zilmer 8/21)
- 9595 JAPAN NSB; 1613 EE, M&W in discussion, JJ ID and 1617*. (Wilson 9/6)
- 9600nf AUSTRALIA R. Australia; 1230-1210 Indo, mx, some EE records. (Zilmer, Willis)
- 9600nf SO. KOREA R. Korea; *1100-1130* EE, mx, comment and mx //9610. (Zilmer 9/6)
- 9600nf USSR RR; 1130-1200 KK, over R. Australia. (Willis) 2300-2330 EE, mx. (Davenport)
- 9605 VATICAN Vatican R.; 0057-0115 EE, rel pgn, mx. (Sharp 9/8, Hoyt, Slaff 8/5, Aston)
- 9605 SWEDEN Stockholm; 0715-0800 Swedish, Relay HS-1 via LP, is a new service beamed to Europe. (Padula 8/24)
- 9610 AUSTRALIA ABC Perth; 1100-1602* EE, world mx, broadcast of cricket match, mx, wx and country. (McKrell 8/26, Talbot 9/1, Yajko 8/11, Gaffin 9/2)
- 9615 MOROCCO RTVM; 2018-2100 AA non-stop singing by W. (Moritz)
- 9618.3 MOZAMBIQUE Can Plumo (or whatever); 1100 PP, definitely as audio in Lusso PP ment Lourenco Marques, not sure of context. (Hauser 8/30)
- 9620 YUGOSLAVIA R. Belgrade; 2158-2212* EE, W gave mx, IS, ID. Many mentions of Belgrade, and Yugoslavia. (Miller 9/6, Cohen 8/23, (T) Slaff 8/23, Hoffman 9/9, McCoy 9/7)
- 9620nf E. GERMANY RRI; 2230-2315 GG to LA, new service to that area. (Padula 8/2)
- 9625 VATICAN Vatican R.; 2033 EE, rel tlks, mx. (Sharp 9/8)
- 9625 INDIA AIR; 1213-1255 singing chants under RCI. (Shingler)
- 9625 EGYPT R. Cairo; 0100 PP to Canada at good level. (Padula)
- 9625 CANADA RCI/CBC NS(?); RCI has had a hard time finding a clear channel on 31m so they have begun using this freq, at the same time as the CBC NS is using it. 2000-2200 FF and EE, assuming that QRM in the two target areas will not be a problem. Here it is about equal level. (Hauser) Further details in LN section.
- 9630 SPAIN RNE; 0100-0115 SS, mx, orch mx and tlks. (Thompson 8/27)
- 9630nf ISRAEL IBA; *2100-2155* from 9/7 buried in jammers, Canada splash 9625 and RN to 2120*. (Magne)
- 9635 SINGAPORE R. Singapore; 1555 CC, classical mx, W announc//6000 which was wkr. (Wilson)
- 9640 VENEZUELA R. Nacional; 0045 SS, mx, tk, many ID's. (Beal 8/18)
- 9640 CANADA CBC NS; 2330-2335 EE, As it happened pgn. (Davenport 8/8)
- 9645 COSTA RICA TIFC; 0315 EE, r-1 pgn & "Songs in the night" pgn. (Talbot 8/21)
- 9645 NORWAY R. Norway; 0115-0125 Norw, pgn of 20's & 30's mx. (Beal 8/15)
- 9645nf VATICAN Vatican R.; 0625 Mass //11710 (Cosier)
- 9655 HUNGARY R. Budapest; 2132-2151 EE, mx, comment, and IX pgn. (Moritz)
- 9660 ANGOLA Voz de Angola; 0523 PP/vern, Afr mx, pol tlks by UNITA. (McCoy 9/9)

- 9660 VENEZUELA R. Rumbos; 10h5 SS, rapid tlk, chimes, ID. (Talbot)
- 9665 MALAYSIA R. Malaysia; 0935, M with mx. (Shaw 9/11) 1535 EE, mx, pop mx. (Wilson 9/6)
- 9670 USSR Irkutsk; 0800-1000* RR HS in Malay pgm. Polar fade. (Davis) (Beal 8/21)
- 9670 SAUDIA ARABIA BSKSA; 2110-2125 AA, tlk by M. (Estes 8/10)
- 9675 POLAND R. Poland; 0215-0237 EE, ID, cmntry on magazine. (Cohen 8/28, W. Smith)
- 9675 LEBANON R. Lebanon; 0215-0257 AA/EE, AA singing, FE ID, mx and pop mx. (W. Smith, Cress 8/27, Russell 9/5, Hoffman 8/27)
- 9680 USA; BBC SS interrupted precisely at 01h:30 8/9 on mid-word for apparently automated VOA-Delano s/off. I wonder what the "cover site" for this one is? (Hauser)
- 9680 AUSTRALIA ABC Melbourne; 1303-1307 EE, lcl mx, R. Australia mx. (Shingler)
- 9685 TAIWAN BCC; 09h5 JJ sv. Outstanding level. (Shaw 9/11)
- 9690 ARGENTINA RAE; 0321-035h EE, tlk on archeology, pop mx. (Moritz) 0612-0659* EE, Argentine mx, ID's in EE. (Yajko 8/16, Cosier 9/3)
- 9690 ROMANIA R. Bucharest; 2120-2130 EE, tlks, listener's ltrbox. (Yajko, Hoffman)
- 9690 CHILE Voz de Chile; 1225-123h SS, ads, some US mx, TC, tlk about Santiago and Valparaiso. (Hauser 8/20)
- 9700 BULGARIA R. Sofia; 1900-19h5 EE, mx, mx, ID. (Cohen 8/30, Hoffman 8/21) 0100-0115 EE, s/on and ID, feature on economy, mx. (Beal 8/12, Wilson 9/5, Hoffman, Schwartz)
- 9705 MEXICO R. Mexico; 1355 SS, fine Mexican mx, ID. (Miller 9/6) 2158-2200 SS, pop IA mx, asks for reception reports. (Davenport 8/2)
- 9705 INDIA AIR; 1130 in unknown lang, IS then into tlk. (Zilmer 9/7)
- 9710mf JAVA RRI Jakarta; 1200 CC, Foreign Svc with CC anns. (Wallis)
- 9710 ITALY RAI; 0100 SS to LA, into mx. (Slaff 8/5)
- 9710 SOUTH AFRICA SABC; 1300 EE, ads, request mx, some Afrikaans. (Zilmer 8/17)
- 9715 ECUADOR HCB; 1115-11h JJ/EE, hymns, EE ID. (Moritz, Earhart 9/1)
- 9715 HOLLAND RN; 1130-21h5 EE, ID, IS, some pop mx. (Flno 8/3)
- 9720 SRI LANKA SLBC; 11h0 EE, rel pgm, "World Radio Hour", TC, pop mx. (Wilson 9/6)
- 9720 PERU R. Victoria; 1210 SS, Peruvian style mx, ID at 1215. (Zilmer 8/17)
- 9725 SWITZERLAND SBC; 01h0-0207 EE, mx, tlk about stamps, jazz mx. (Slaff, Yajko, Moritz)
- 9725 USSR Yakutsk; 0800-0930* RR HS pgm IA. Polar fade. Lcl pgm occ hrd 0300-0100. (Davis)
- 9730 BEIJING RTB; 2325-2335 SS, CHIMES IS, ID, orch mx. (Cress 9/1) 0010-0050 EE, pgm on pirate radio with nice tapes of Radio Caroline. (Moritz)
- 9730 SAUDIA ARABIA BSKSA; 2050-2300* AA, mx, tlks, ID, Koran. (Padula, Zilmer, Shingler)
- 9730 E. GERMANY RFI; 2300 GG, EE ID, GG ID, tlk. (Zilmer 8/26) 0112-01h5* EE, tlk about CIA, instru mx, ID's. (Russell 9/5, Yajko 8/15)
- 9745 TAIWAN Air Force R.; 0950 CC soap opera - all male. (Shaw 9/11)
- 9745 IRAQ R. Baghdad; 2015* EE ID, then IS (Chirping bird). (Cohen 8/30)
- 9750 CHILE R. Minería; 1115-1130 SS, mx, ID and tlk. (Zilmer 8/30, Jones 8/11)
- 9750 ALBANIA R. Tirana; 0000-0005 EE, cmntry, mx. (Zilmer, Yajko 8/15)
- 9755 BEIJING RTB; 2255-2315 EE, IS, ID and into EE pgm. AFRTS GRM. (Jones 9/7, Earhart)
- 9755 MALTA LW Cyclops; Has found use by other broadcasters, including Malta itself. Hrd on 8/30 (Sched that day only) 2015-2115 EE. First 30 min was Adventist World Radio "Voice of Hope" pgm, including "World DX News"; 2015-2100 Radio Malta, mostly mx, 2100-2115* IBRA Radio opening test pgm. (Hauser, Mayer 8/23, Van Wyckhouse 8/9)
- 9765 W. GERMANY DW; 2132 EE, mx, tlk. (Zilmer 8/18) 0515 FF pgm. (Beal 9/5)
- 9770 HAITI LVEH; 1100-1137 EE, rel pgm. (Yajko, Davenport) 23h5 EE rel pgm. (Robins 8/25)
- 9770 AUSTRIA ORF; 01h0-0153 EE, tlks by MW, answers to list questions. (Moritz, Russell)
- 9770 AUSTRALIA R. Australia; 0900-1100 EE, mx, pop mx by request. (Earhart, Yajko)
- 9820 ISRAEL IBA; *2200-2255* here ex-9815 to escape URS 9810. (Magne 9/7, Zilmer 8/27)
- 9820 NO. KOREA R. Pyongyang; 1110 FF, mx. (Wilson 9/6)
- 9840 USSR R. Baku; 01h5-0200 EE, mx selection, mx by W, IS at 0200. (Schwartz 8/7)
- 9850 EGYPT R. Cairo; 0207-02h5 AA, mx, play, piano mx & typical AA mx. (Moritz, Earhart)
- 9860 CHINA RP; 15h5 EE, M2W cmntry for SEA. (Wilson 9/7)
- 9880mf CHINA RP; 1h30-1500 in I believe Lao //9h70. (Wallis)
- 9900 CHINA RP; 130h with Malay ID. (Hauser 9/8)
- 9912 INDIA AIR; 2200 EE, mx, comment and lcl mx. (Zilmer 9/1)
- 9920mf CHINA RP; Has 2nd Mongolian pgm here 1200 and 1h00, Uighur HS at 1300. (Wallis)
- 9965 CHINA RP; 1155 JJ(?), CC mx, into CC at 1200. (Wilson 8/29)
- 10110 CLANDESTINE R. Espana Independiente; 2200 SS tlk & mx. (Zilmer 8/22)
- 10068 NO. VIETNAM Hanoi; 1230-12h0 VW, orch mx, W annr. (Shingler)
- 11290 CHINA RP; HS in CC, pgm 1. S/on at 2000 // 1130. (Davis)
- 11350 NO KOREA R. Pyongyang; *2000 HS in KK. (Davis)
- 11535 NO KOREA R. Pyongyang; 1000-1050 EE, mx, comment, ID by W. (Zilmer 8/24, W. Smith)
- 11570 UNID. CC station here. Rather mild anns, neither Peking nor Moscow. No IS on the hour. 1200-1100. (Wallis)
- 11575 CHINA RP; 1130-1h00 oriental tlk and mx. HS in Uighur. Is MF. (Zilmer, Wallis)

I thought I might get everything in this month, but I didn't make it and had to edit out some of the items. I received several late reports this month and since I start typing column on the 16th could not use many of the reports. It takes about 4 days for mail to reach me from the coasts so keep this in mind when mailing your reports. I had several interruptions this month while putting the column together including the flu, so please excuse the typing errors. Late reporters were Steve Estes, VA; A. Brooks, CT; Jack Conover, PA; Joe Kamny, NY; and Ken DeLong, PA. I hope everyone is logging new ones and I look forward to getting your reports. Thanks to all who took the time this month.

Log Report



Section C

•Editor Sec. C: Andy Robins
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- 11600 CHINA RP; 2045-2105 lang px, class mx px, mentions of Pravda, G (Beal 8-22) Sounds more like Moscow - ed.
- 11620 INDIA AIR Delhi; 2200 EE to Europe, nx, comtry, lcl mx //9912, 11740, P (Zilmer 8-18)
- 11642v ISRAEL IBA; shifted this freq from low-power HH H5 to FS px at varying powers from 9-7. Freq nominally 11642 $\frac{1}{2}$, actual usage is 11642, 11642 $\frac{1}{2}$ or 11643 depending on xmtr in use. *2000-2055* EE to NA/Europe ex-12025, G //9815, 7395; *1200-1300* NF & new time EE, to Pacific ex-15465, VP; *2200-2255* USB xmission in FF, weak *0500-0530* EE/FF USB, weak; also USB RR px and other langs at other times, often jammed (Magne 9-7) Would do best to stay on 15485 for EE 2000-2055 px, but moved 12025 here to avoid KKN50 QRM, hrd poorly here (Hauser, Wegener)
- 11672 PAKISTAN RP; 1620 lang px by W, IDs, *1800 IS into Urdu px, 1815 EE nx & comtry by M (Mayer 8-24, Miller 8-23, Beal, Zilmer)
- 11680 ENGLAND BBC; 1150-1202 EE cricket comtry, no ID; 2155-2228* to Europe in various langs, incl. Greek, F (Earhart, Zilmer, Moritz)
- 11685 CHINA RP; 1300* EE to NA, comtry, F (Cohen 9-2)
- 11690 AS RSPSR Novosibirsk; *1400-1430 JJ 1430-1600* CC, usually weak w/polar fade (Davis)
- 11695 CLAND (BULGARIA) R Peyk-e-Iran; well hrd w/Farsi talk by M & W 1540-1600, short mx pieces (Estes 8-10)
- 11700 DOMINICAN REP HILR-R Clarin; 0230 SS ads for US '60s pop mx records, much QSB, almost unreadable (Slaff)
- 11700 VATICAN VR; 2045 Latin annct into EE, VP; 2210-2225 EE, 2332 SS to LA, G (Hauser 9-7, Fysh-AUST, Yajko 8-15)
- 11705 SWEDEN RS; 2300-2330 EE nx, mx, comtry; w/IDs in many langs 0058 into Swedish px, slight ute QRM (Aston, Beal, Slaff)
- 11705NF USA WYFR; 1359 EE into SS, this freq used Sundays only (Hauser)
- 11705NF FRANCE RFI; *0600 FF, ex-11710 (Willis-AUST)
- 11705 VATICAN VR; 2150-2200JJ, *2230 EE to Japan, xed Sweden in PP co-channel during EE px (Padula 8-22, Berri-SA DXpedition)
- 11710 NEW CALEDONIA R Noumea; 2228-2230 FF pops, anncts (Berri DXped)
- 11710 ARGENTINE RAE; *2300 EE to Europe, IDs by M w/sk into nx & "Cultural Panorama" px, QRM de Canada, F (Slaff, Yajko 8-15)
- 11715 INDIA AIR Delhi; 0900-0930 EE dictation nx, interesting daytime reception, never hrd here before (Padula-AUST 8-22)
- 11720 CANADA CBC NS; 2332-2355 EE interview px w/M who classifies people politically according to their favorite rock mx group (Moritz)
- 11720 CUBA RHC; 1659 open AA px, still on CBC's freq, bad SAH, QRM; 2025 SS to Europe/N Africa xed SBC co-channel (Hauser, Padula-AUST)
- 11725 CUBA RHC; 0305 EE to NA, unhrd previously (Padula-AUST 8-3)
- 11725 VATICAN VR; 0052 SS, ID by M to 0055*, E (Slaff)
- 11730 YEMEN REP R Sana'a; 0300 AA, was here from 9585 for 0300-0700 w/ nx, mx, etc., tho BBC MS reports has been dropped (NZ DXer via Australia's DX px & Hauser who hasn't hrd it) Reported back on 5804 & 7300 - ed.
- 11730 MALAGASY REP RN Talata; 2002 EE "Happy Station" Px, ex-9585 (Hauser 9-7)
- 11735 YUGOSLAVIA RB; *0000-0021 SS nx, comtry, G (Gaffin 8-14)
- 11740 MALAGASY REP RN Talata; 1325-1350* Indonesian px, ID, F (Earhart)
- 11740 USA OAS Greenville; 0130* EE/SS/FF/PP end of px, F (Talbot 9-1)

- 11740 AUSTRALIA RA; 1000 EE nx, P; 1145 EE to SEA, mx (Zilmer, Cohen)
 11740 INDIA AIR Delhi; 2200-2230 EE GOS, nx, comtry, lcl mx, xed VOA SS svc, P (Berri-SA DXpedition, Zilmer 8-29)
- 11740 AS RSFSR Irkutsk; 0700-0800 relay "R Station Pacific Ocean" on Wed, Fri, Sat & Sun, usually P-F w/polar fade (Davis)
- 11740 ECUADOR HCJB; 1245-1315 EE rel px, nx, F (Thompson 8-22)
- 11745 FRANCE RFI; 1725 EE "Paris Calling Africa," under QRM (Zilmer)
- 11755 SEYCHELLES IS FEBA, Mahe; 1800-1900 AA, this is not Libya as I reported last month, per further checks (Mayer) Thanks for the correction Al - ed.
- 11760 CUBA RHC; 1500 SS talks, G (Anderson)
- 11760 USA UNR Greenville; 0330 EE Security Council session, ending 0335, class mx to 0345* (Hauser 9-9)
- 11760 CYPRUS BBC, Limassol; EE WS px 0600, nx (Trubee 8-27)
- 11770 INDIA AIR; 2300-2330 EE talks, mx (Fysh-AUST)
- 11775 SPAIN RNE Noblejas; 1750 IS to 1800 into SS px w/ID, F (Miller)
- 11780 ENGLAND BBC Skelton; 2225-2230, 0020-0030 EE WS px, IS, IDs, "Radio Newsreel" & stock mkt px, E (Berri DXpedition, Fino 8-17)
- 11789.88 NETH ANTILLES TWR Bonaire; *0145 SS ex-11785 (Willis-AUST)
- 11790 USA AFRTS Greenville; *2230 w/NA & IDs, xed Australia (Berri Dxp)
- 11790v JAVA VOI Jakarta; 1115-1208 EE, pop mx, IDs, into lang px (CC?) at 1200; 0055 CC mx & anncts (Russell, Smith, Padula-AUST)
- 11795 W GERMANY DW; 2210-2220 GG to LA, G (Padula 8-23) 2215-2230 PP to Brasil, VG (Berri DXpedition) ??? - ed.; 0030-0110 PP to Brasil, ID, nx & comtry, F-G (Fino 8-17)
- 11800 CANARY IS RNE, Tenerife; 0130-0205 SS, light mx, dedications, some mentions of Santa Cruz de Tenerife, F (No name)
- 11805 USSR (site unknown); Mayak HS, strong signal at 0400 & polar fade wiped out 0500 by VOA Delano (AFRTS) (Davis)
- 11805 BRASIL ZY265-R Globo; 0005-0020 PP, lcl mx, F (Beal 8-11)
- 11805v SP SAHARA R Sahara, El Aioun; 2100-2240+ AA, pop mx, spirited talks in hi noise; is a NF, ex-6095, for 2100-2230 period, ID 2300 seemingly "Huna Aioun," F (Berri DXped, Padula-AUST, Shaw)
- 11810 ITALY RAI; *2230 II, IS, ID, nx & comtry by M & W, 0100-0235 EE/II to NA, talks, nx, etc., F-G (Beal, Fino, Talbot, Cohen)
- 11813.31 JORDAN R Amman; 0559 TC, ID at 0601 (Cosier-AUST) Lang? - ed.
- 11815 PORTUGAL RFE Lisbon; 2214-2230 Hungarian talks, '20s & '30s mx, P-E (Berri-DXpedition, Beal 8-30)
- 11815 NETH ANTILLES TWR Bonaire; 1205 EE rel px, ID, DX px; *0030-0130* EE, rel mx, nx, annct'd would be shifting to new 11830; 0210-0220 SS to LA, rel px, F-E (Fino, Thompson, McKrell, Conover)
- 11825 TAHITI RT; 0319-0510+ Tahitian/FF, talks, polynesian mx, rel px, P-F (Earhart, Gaffin, Yajko) New name for this one, per LN is "Radio-Tele Tahiti" in wake of ORTF reorganization - ed.
- 11830 ROMANIA RB; 0645-0730 EE to Pacific //11940 xed Moscow CC Svc. co-channel (Padula-AUST 8-9)
- 11830NF NETH ANTILLES TWR Bonaire; here from 8-22 ex-11815 in evening EE px and was OK then but VOA Dixon has since reactivated here wiping out first half to TWR, incl. "DX Special." (Hauser) Strong sig in Australia 0030-0130 (Padula) F-G elsewhere (Zilmer, McKrell, Willis-AUST)
- 11835 HAITI 4VEJ; 1221-1335 EE rel px, IDs; 2330 EE rel px; 2235-2240 SS rel px (via LP in Australia); 0000-0100 EE rel mx & talks, P-VG (Conover, Thompson, Aston, Padula-AUST, KcKrell)
- 11835 SWEDEN RS; 1815 PF to ME, Saturday Show, ID, P (Zilmer 8-23)
- 11835NF ECUADOR HCJB; 2145-2200 Norwegian to Europe ex-11845, DX px noted this date (Padula-AUST 8-22)
- 11835NF CANADA RCI; *0400-0600 EE to NA ex-6135, nx & magazine px //9655 xed HCJB European Svc co-channel; poor freq choice (McKrell, Willis-AUST, Padula-AUST, Wegener)
- 11835 SRI LANKA SLBC; 1000-1130+ EE "External Service," ID, TCs, C&W mx QRM 4VEJ after 1100, F (Fysh-AUST, Smith 9-7)
- 11835NF CUBA RHC; announcing this new freq in SS 0159 (Hauser 9-7)
- 11835 FRANCE RFI; 0730-0745 FF talks & pop mx (Berri DXpedition)
- 11838NF ROMANIA RB; 0540 squeezed into this niche in EE (Willis-AUST)
- 11840 POLAND PR; 0226 EE to NA, lcl mx, P (Yajko 8-12)
- 11840 PORTUGAL Em. Nacional; 2230+ PP to Brasil, VG but LSB required; 2335-0000 SS to LA, IDs, mx, F w/Nederland QRM (Shaw, Fino)
- 11845 AUSTRIA ORF; 2145-2150 SS to LA (Padula-AUST 8-22)
- 11845 LIBERIA VOA Monrovia; 0730* EE African Svc. (Trubee 8-27)
- 11845 NETHERLANDS RN Lopik; 2300-2320 SS to LA; 0002-0020* SS to LA, ID talks on Dutch artists, much QRM, F (Fysh-AUST, Fino)
- 11850 POLAND PR; 2130 EE ID w/address & freqs, P w/QRM (Smith 9-7)
- 11850 SWITZERLAND SBC; 0020-0030 FF, 0030-0100 II, IS, anncts, Swiss mx IDs, F w/QRM (Fino)

- 11850 GHANA GBC Ejura; 2000-2037 EE to NA, Afr mx, "African Scene" px, commtry, etc., P (Talbot 9-1, Beal 8-22)
- 11855 USA WYFR; 0212-0230 SS to LA, nx, rel px, etc., VG (Fino)
- 11855 CANADA RCI; 1800-, 2145-2230 EE, nx, HAP nx, "Wald This Week" & Mbg px, ID, VG (Thompson 9-6, Hoffman 8-23)
- 11855 CZECHOSLOVAKIA RP; *0730 EE to Australia (Berri DXpedition)
- 11855 PHILIPPINES FEBC; 1100 EE rel px, F (Zilmer 8-24)
- 11865 MALTA DW Cyclops; 2210-2230 PP to Brasil, G (Padula-AUST 8-23)
- 11870NF AUSTRALIA RA; ex-11810, noted 1700 nx in EE anncing //9770 & 7235 to Asia, F (Hauser 9-1)
- 11870NF CUBA RHC; finally clearing 11855 for RCI, noted 2113 w/very good sigs, "Voice of Vietnam" px (Hauser 9-2)
- 11875 PORTUGAL Em. Nacional; 0730-0735 SSB-mode relay of PP HS for men at sea (Berri DXpedition)
- 11875NF ECUADOR HCJB; as of 9-7 for SS px, noted 0120 w/drama, much better than //11885, IDs, ex-15115 (Hauser)
- 11880 SPAIN RNE; 2200 SS //9630, ex-15420, 0300-0400 SS talks, mx, nx, E (Shaw, Fysh-AUST)
- 11880 AS RFSR Irkutsk; rebroadcast of "R Station Pacific Ocean" 1430-1530 Wed, Fri, Sat & Sun, usually F w/polar fade (Davis)
- 11895NF USA/LIBERIA VOA Greenville/Monrovia (some disagreement as to site - ed.) 0100-0330 SS to LA ex-11890 (Padula-AUST, Hauser 9-7)
- 11900 NEW ZEALAND RNZ; 2220-2230 EE orch mx px, E (Berri DXpedition)
- 11900 SOUTH AFRICA R RSA; *1300 EE to Africa; *2100 nx in EE; 2225-2320 EE, nx, "Panorama" px, etc., F-G (Yajko, Cohen, Thompson)
- 11901.4 UNID; Chinese stn here, irregular and neither Peking nor Moscow. I'm tossed abt this one, time was 1400 (Willis-AUST)
- 11905 ITALY RAI; 2210 EE nx to Asia, P (Mayer 8-30)
- 11905NF USA KGEI; 0110 SS rel px w/ID (Cosier-AUST)
- 11905 RWANDA DW Kigali; 0730 FF to Africa, Good lvl (Berri DXpedition)
- 11909.12 UNID; a carrier here hetting HCJB-11910 at 1230; het oscillates slightly lower indicating higher freq; wonder if this is Bangkok which Willis (DUDXC) puts on 11908 (Hauser 8-10)
- 11910 ECUADOR HCJB; 0045 FF; 0230-0300 EE, "DX Partyline", etc, VG (Schwartz + someone who didn't bother to add their name)
- 11910 HUNGARY RB; 2140-2145 EE request px for Europe; 0300-0330 EE to NA, request & DX px (Padula-AUST 8-22, Hoffman 8-26)
- 11910NF PHILIPPINES R Veritas; *2220-2330+ EE IDs often during morning est px ex-9570, xed Hungary but strong lvl generally (Padula-AUST Berri DXpedition)
- 11915 W GERMANY DW; 2230-2245 GG nx & commtry, ID, P (Beal 8-11)
- 11915 ENGLAND VOA Wooferton; 2000 EE ID w/site into lang (Beal 9-4)
- 11915NF ECUADOR HCJB; 2200-2230 JJ to LA ex-11910 (Padula-AUST) Almost seems as if HCJB spent the summer on 11910 to spoil Budapest (and themselves); back here as of 9-7 (Hauser)
- 11920 IVORY COAST RTVI; 0730 FF nx, Afr mx; 1910 EE nx; 2310 vern px, F-G (Anderson 9-9, Beal 8-25, Trubee 8-27)
- 11920 PHILIPPINES FEBC; 0915 EE rel px, F (Zilmer 8-24)
- 11920NF ECUADOR HCJB; 0047 GG sermon; 0045-0100 SS to LA ex-11915 but annc's 11910 (Schwartz 8-5, Padula-AUST 8-23)
- 11920 SPAIN RNE Noblejas; 2140* SS to Europe, E (Padula-AUST 8-22)
- 11925 UZBEK SSR R Tashkent; 1215 EE "Youth of the Soviet East" px, weekly px, F-G better than //11730 (Hauser 9-2)
- 11930 CUBA RHC; 0213 EE to NA, talk on Vietnam, G (Yajko 8-15)
- 11930 BELGIUM RTB/BRT; *1715 FF, ID, talks, Afr mx, P (Zilmer 9-7)
- 11935 PORTUGAL RP; 1129-1140 PP, ID by W, px by MFA, G (Gaffin 9-2)
- 11940 KUWAIT RK; *1700-1805 EE, nx, wx, rock mx, P-F (Many)
- 11940 CANADA RCI; 0035-0055 SS talks, many IDs, DX tips, VG (Thompson)
- 11940NF SPAIN RNE; 2135-2200* SS to Eq. Guinea, new service, xed Romania in PP co-channel (Padula-AUST 8-22)
- 11940 ROMANIA RB; 2135-2140 PP to Europe xed Spain (Padula-AUST 8-22)
- 11940 SINGAPORE RS; 1540-1610 EE nx, mx (US '30s & '40s style), Fair (Beal 8-11)
- 11945 LIBERIA ELWA; 0613 IS, EE annc't then in vern to W Africa. Has been testing on various 25mb freqs lately (Hauser 8-16)
- 11945 ENGLAND BBC; 1259* ending "English By Radio," annc'd //809 & 1295 kHz Mw, F (Jones)
- 11950 NETHERLANDS RN Lopik; *2130 SS to NA, G (Padula-AUST 8-22)
- 11955 MALAYSIA BBC Tebrau; 1700 EE WS nx to S Asia; hi noise hindered readability, F (Shaw)
- 11959 ISRAEL IBA; 2000-2030 EE nx, "Jerusalem Calling," IDs (Hoffman)
- 11960 USSR RM; 0615 EE "Moscow Mailbag" px, F-G (McKrell 8-16)
- 11960 JAPAN RJ; 1835-1900 EE nx, into RR 1900, F (Thompson 8-21)
- 11965 ALGERIA RTVA; 2200-0000 AA hrd via SP; hrd again 0600-0900 via LP (Padula-AUST 8-23)
- 11965 BRASIL PRB24-R Record; 0115 PP talk, mx, ads, P (Zilmer 8-14)

- 11965 PHILIPPINES VOA Tinang; cont. mx till 0752, dead air to 0759 then IS & EE ID, not sked this time (Trubee 8-27)
- 11970 TUNISIA RTVT Sfax; 1835-0000 AA, talks by M, chants //15225, F-G (Padula-AUST 8-23, Estes, Wasylik)
- 11980 TURKMEN SSR R Ashkhabad; 2200 IS into PP px, mx, talks on Portugal, QSLed, F (Schwartz)
- 12000NF ISRAEL IBA; *0245-0355* RR, jammed //17688 (Cosier-AUST)
- 12005 EGYPT RC; 2050-2345 AA HS, mx, anncs, QRM (Fysh-AUST, Slaff)
- 12020 AS RSFSR RM Petropavlovsk; *2100-2130* KK //weaker 9540, P-F (Davis)
- 12025 ISRAEL IBA; 2054* EE, 0405-0415 EE nx, sports into FF; b'casts EE nx 0500 ex-0400 as of 9-1 (Cosier-AUST, Yajko, Thompson)
- 12045RF ISRAEL IBA; back here after some weeks absence from 9-7 in USB-mode w/HH HS to NA/Europe //12080 (far better) plus NF 9400, note 1900-2305* & *0400-, F (Magne)
- 12050 AS RSFSR Khabarovsk; "R Kiev" px in EE 0417-0430, comtry on USSR class mx, etc., VG (Thompson 8-23)
- 12080NF ISRAEL IBA HH HS 2103-2205, 0508-0600 Coke ads, talks, etc, VG sigs; freq may be adjusted downward slightly in near future, xed Euzkadi 1930/2030/2130 (Magne, Cosier-AUST, Willis-AUST, Zilmer)
- 12095 ENGLAND BBC; EE WS px 0555, 1645-1700, nx, talks, F (Trubee 8-27, Moritz 8-7)
- 12120 CHINA CPBS HS-1, CC px from 0130 t/in to 0410+, ute QRM but often good (Davis)
- 12135v CLAND (ROMANIA) REI; 1800, 1955, *2100-, 2304-2308* SS talks, IDs IS, class mx, freq varies as hi as 12150, jammed, f (Many)
- 12420 CHINA RP; 1010+ CC talk by M (Trubee 8-26)
- 14479.3 CLAND (ROMANIA) REI; 0600 SS ID (Willis-AUST)
- 14860 UNID; an Asian here 1330-1400* in lang w/talks, P (Zilmer 8-31)
- 15004 AS RSFSR RKM time signals, Irkutsk; CW ID 1300 "CQ CQ CQ de RKM.. into PSK mode (Wegener 9-2) NOT SWBC per NASWA rules - ed.
- 15045 CHINA RP; 0110-0205 SS to LA //15080, mentions of Mexican Pres. Echeverria, F-E (Schwartz, McNeil)
- 15060 CHINA RP; 0049-0115 EE to NA, IDs, nx, etc., F-G (Many)
- 15070 ENGLAND BBC; EE WS 1530-1615, 2105, radio theatre, nx, comtry, etc., G-VG (Thompson 8-21, Schwartz)
- 15080 CHINA RP; 0118-0230 SS to LA //15045, P (Beal 8-26, Schwartz)
- 15084 IRAN NIRT; 1605-2110 Farsi, comtry, mx, F-VG (Zilmer, Schwartz)
- 15095 CHINA RP; 0115 CC to NA //15435, 15030, nx, VG (McNeil, Schwartz)
- 15100NF ISRAEL IBA; *1200-1300* EE/FF NF at this time, new time too; is to improve reception in NA, ANZ and snare a larger audience in Asia, F-G //15485 & others, ex-15125 (Magne 9-7)
- 15100 AS RSFSR RM Khabarovsk; CC 1300 t/in -1400*, F but irregular; 0400-0430 EE to NA, nx, comtry, mx, F (Thompson 8-30)
- 15105 JAPAN RJ; *0100, 0300-0315 EE, nx, comtry, into JJ 0315, P-G (Jones, Thompson 8-23, Estes)
- 15105 AS RSFSR RM Chita; CC *0600-0700A f/o, weak w/polar fade (Davis)
- 15110 NEW ZEALAND RNZ; 0150-0345 EE sports, talks, mx, etc. P-F (Many)
- 15110 USA WYFR; 2045-2100 EE rel px, well hrd, New 5th 100kW xmtr now in operation resulting in this NF (Padula-AUST 8-24)
- 15115 ECUADOR HCJB; 1405 EE nx, 2115 SS //weaker 15160 (Yajko, Hauser)
- 15115 PORTUGAL RFE Lisbon; 2130 lang px, poss, Bulgarian, F (Talbot)
- 15120RF SRI LANKA SLBC; *1900-2000* EE to Europe, freq annc'd as 15200, sports px, etc; 0530-0600 Hindi All Asia Svc., G (Several rpt'r's)
- 15125 TAIWAN VOFC; *0100 IS, NA, into CC; *0200 EE to NA, P (Many)
- 15125 E GERMANY RBT; 1200 EE nx, comtry, P (Zilmer 8-26)
- 15125 HUNGARY RB; 1929 GG to Europe, IS, ID, mx, F (Miller 8-31)
- 15130NF E GERMANY RBT; AA lang lessons 1230 //15240 (Willis-AUST)
- 15135 FRANCE RFI; 0620 FF mx, nx by M 0630 (Trubee 9-3)
- 15140 SWITZERLAND SBC; 1330 EE nx, polka mx; 1505 II nx; 2345-2352 PP to Brasil //15305 & 11850, freq unlisted, F (Schwartz, Earhart)
- 15150 CHILE VOC; 0115 EE comtry by W, 0225 ditto, FF px 0303-0310, SS 1700, P-F w/occ. QRM (Many)
- 15150 USA WYFR; 2100-2130 EE rel px //15110 via SP (Padula 8-19)
- 15150 W GERMANY DW; 1940-1945 EE to Africa, nx, comment, QRM de Moscow, (McNeil 9-2, Zilmer 8-16)
- 15160 HUNGARY RB; 1200-1240* EE nx, comtry, science px, F (Zilmer 8-26)
- 15160 SEYCHELLES IS FEBA; 0800-0815 EE rel drama (Padula-AUST 8-24)
- 15160NF ECUADOR HCJB; nF for "Morning in the Mountains"; much weaker than //15115 and QRMs KEWW, no doubt ruining their LA reception; also used for SS px around 2115 (Hauser 9-7)
- 15160 AUSTRALIA RA Lyndhurst; 0245-0507 EE, IDs, nx, VP-F (Yajko, McNeil)
- 15164v TURKEY TRT; 2200-2300+ EE, nx, varying from 15165, perhaps to avoid VOA (Yajko 8-25, Hauser)
- 15165NF USA VOA Greenville; 2100-2230 FF to Africa ex-15360, xed Ankara co-channel (Padula-AUST 8-30, Hauser)

- 15165NF MALAGASY REP RN Talata; *1100 DD to SEA ex-15320, G (Padula-AUST)
 15170NF NORWAY NRK; 1600-1607 EE, comtry, nx, sports, ex-15175, F-G
 (Zilmer 9-7, Jones, Beal 8-31)
- 15180 AS RSFSR RM; *0059 CC; 0325-0328* EE "Voice of Yerevan"px (Many)
 15185 SRI LANKA VOA Colombo; *0059 IS, EE ID w/site into EE nx (McNeill)
 15190 CONGO RTVC; 1240 FF ID, comtry, etc., P (Jones 8-23)
 15195 AFGHANISTAN RA; 1100 GG to Europe, ID, xed Japan (Padula-AUST)
 15200 USSR RSP&P; 1530-1600 EE nx/comtry (Cohen 9-3)
 15205 SAUDIA ARABIA BSKSA Riyadh; 1256-1330 AA talks, mx, IDs, F (Many)
 15210 AS RSFSR RM Petropavlovsk; EE to NA 0200-0221, F (Thompson 8-27)
 15220 NETH ANTILLES RN Bonaire; 2245-2250* DD, 1830 FF (Fino, Earhart)
 15235NF USA UNR; daily at 2100A w/EE UN px, mx (McNeill)
 15238 ISRAEL IBA; 0400-0415 EE/FF het Australia //9815 etc. (Padula)
 15240 SWEDEN RS; 1745 PP, US pop mx, IDs, G (Mayer 8-24)
 15245 USSR/ZAIRE; F-note het noted 0135 between RM & Kinshasa (Hauser)
 15260 GRECE VOA Kavala; 1700 lang nx, comtry, P (Beal 8-18)
 15265NF NETHERLANDS RN Lopik; 1100-1220 DD to SEA ex-15260 (Padula 8-14)
 15270 JAPAN RJ; 2345-0045* EE nx, IDs, etc.; HCJB has cleared freq,
 VP-P //15300 (Filka 9-13, Zilmer 9-8)
- 15270 CHINA RP; 1210 EE comtry, ID, G sig, probably via LP (Hauser)
 15275 SABAN R Malaysia, Kota Kinabalu; 0730-0800 EE, NF at this time,
 mx; s/off 0900 now, G (Padula 8-11, Willis-AUST)
- 15280RF INDIA AIR Dehli; 0900 EE nx, class mx (Willis-AUST)
 15295NF ASCENSION IS BBC; 1700-1745* cricket test match, G (Mayer 8-29)
 15305NF SWEDEN RS; 1230-1300, 1400-1430 EE to NA ex-15315, P (Zilmer)
 15310 BULGARIA IS; 2113 ending EE nx, opening Mbg px, not often hrd on
 this freq, F (Hauser 9-7)
- 15320 E GERMANY RBI; *2000 EE to Africa, G w/increasing QRM (Cohen 9-3)
 15320 AUSTRALIA RA Shepparton; 0100-0200+ EE to NA, nx, mx, comtry,
 etc., F-VG //17795 (Moritz 8-9, Schwartz 8-5, Cohen 8-24)
- 15325T SEYCHELLES IS FEBA Mahe; has been testing its new 100kW xmt for
 harmonic suppression per BBC WRC, no freq mentioned, but this is
 one of theirs. A strong SAH noted against RCI at 1830 of 1.25Hz
 and on 8-23 of 2.67Hz which may be evidence of FEBA (Hauser)
- 15325v PAKISTAN RP; 0000-0005 EE nx into Urdu in WS to SEA, is addition-
 al freq at this time //usual 15205 (Padula 8-9) 0200-0245* Indon
 px w/sub-cont mx, ID by W, NA and off (Wegener 9-5, Willis-AUST)
- 15335 ENGLAND BBC; 1115-1200 EE WS, Big Ben into nx, drama px 1130, VG
 (Earhart 8-16) No listing in latest "London Calling" - ed.
- 15335 COLOMBIA HJZP-R Nacional; reactivates this freq around August
 every year when has International Svc; hrd in SS 1225-1235, 0015,
 0245-0300 w/IDs, nx, mx, etc., G (Conover, Padula-AUST, Earhart)
- 15350NF USSR RM; 0515-0530 EE to Africa (Padula-AUST 8-17)
 15365 ENGLAND (assumed) BBC; 1309 EE "Test match special" after nx,
 ann'd //17790 to Caribbean; believe it was direct at this hour
 rather than via Sackville (Hauser)
- 15384 CHINA/MEXICO RP & XERMX; would be the two here producing a 0.66
 kHz het at 0300, Mexico is the one off, on the low side (Hauser)
- 15390NF PHILIPPINES FEBC; 0500-0600 EE to SEA ex-15440 (Padula-AUST 8-17)
 15410 RWANDA DW Kigali; 2255-2305 GG to Africa, ID, IS, nx by M, mx, VG
 (Fino)
- 15410 USA UNR Greenville; 1800-1810 EE/FF nx (Aston 9-9, Shaw 9-17)
 15420 JAPAN RJ; 0135 EE to NA, nx, 0215-0230* EE "Japan Today," P w/
 fading (McNeill 8-20, Zilmer 8-28)
- 15420NF USA VOA (Greenville assumed); noted 8-12 at 1605 //15235 to 1800*
 w/out local ID (Hauser)
- 15425 SRI LANKA SLBC; 1440 EE rel px, IDs into request px, 0215-0230
 EE All Asia Svc, TCs (GMT+5½), P-F (Miller, Wegener, Zilmer 8-28)
- 15425NF NETH ANTILLES RN Bonaire; 2258-2330 PP to LA ex-15385 to avoid
 Mexico //15320, xed Perth-15425 (Earhart 8-26, Hauser, Padula)
- 15425 AUSTRALIA VLW15-ABC Perth; 0332 EE talk abt telescopes, F(Yajko)
 15435 MALAYSIA BBC Tebrau; 0015 EE WS nx, ID at 0029*, F w/polar flutt-
 er (Cress 9-8)
- 15435 AUSTRIA ORF; 2200-2222 GG nx, ID, into mx 2220, F (Earhart 8-26)
 15435 TANZANIA RT; 1933-2013* EE & Vern "Voice of Namibia" px by SWAPO,
 (M. Smith 9-1)
- 15455 UKRAINIAN SSR Simferopol; "RS Atlantika" RR px, ID 1230 (Wegener)
 15505 AS RSFSR RM Sverdlovsk; 0145-0200 EE to NA, nx & comtry, orch mx
 etc., P; "R Kiev" EE px 0305 (Hauser 8-12, Thompson 8-17)
- 15789 CLAND (CHINA) V of Malay Revolution; 1303 Malay nx, 1308 W into
 different lang, poss. Tamil (Hauser)
- 17650 CHINA RP; 0220 SS to LA, talks, VP w/fading (McNeill 9-3)
 17665 PAKISTAN RP; 0200-0245 now has Indonesian here (Willis-AUST)
 17673NF CHINA RP; 0140 CC, only fair level (Willis-AUST)
 17688 ISRAEL IBA; 1736 Yiddish nx by W, VG (Miller 8-31)
 17700 NETHERLANDS RN Lopik; 1915 EE Monday px, F (Zilmer 9-1)

- 17705 INDIA AIR; 0355-0430 Hindi, lcl mx, anncts by W, nx in Gujerati at 0415, F (Thompson 8-20)
- 17715NF ECUADOR HCJB; 2100-2130 GG to Europe ex-17855 via SP (Padula)
- 17720 TAIWAN VOFC; *0200-0350 EE to NA, IDs ny W, mx, nx, P-F (Many)
- 17725 JAPAN RJ; 0130-0230* EE //17825, nx, P-E (Lineback, Swinehart)
- 17725 EGYPT RC; 1535 EE "Voice of Africa" px; 2045-2100 AA, 2140 EE talks, P-VG (Wasylik, Yajko, Miller, Padula-AUST, Beal 8-18)
- 17740 AUSTRALIA RA; 0110-0111 EE, orch mx, nx, etc., F (Thompson 8-29)
- 17745 EGYPT RC; AA ID 0450 //9850; beware other AA stns here (Willis)
- 17755 USSR RM (Dushanbe list); 1615 EE political comtry, features, ID, etc., F w/polar flutter (Cress 9-3)
- 17765 RWANDA DW Kigali; 1238 EE ID, comtry, VG (Miller 8-31)
- 17780 SOUTH AFRICA R RSA; 1600 EE nx on SA gold, F w/fading (Leffler)
- 17795 NORWAY NRK; 1515 NN comtry, IDs in EE/NN, VG-E (Schwartz,Cress)
- 17800 NORWAY NRK; 1400-1430, 1600-1630 EE, QRM de RNE-17805 in SS to LA (Cohen 8-31)
- 17805 PORTUGAL RFE; 2100-2105 Polish px, via LP (Padula-AUST 9-1)
- 17815 ITALY RAI; 1635 IS, 1640 Somali px to 1653 then II, F (Cress)
- 17815NF USA VOA; 1612-1622 EE talk abt S Africa, P-F (Earhart 8-16)
- 17820NF CANADA RCI; 2100-2115 EE nx ex-9585, G (Padula-AUST 8-24)
- 17820 PAKISTAN RP; 1530-1545* EE dictation nx, VP-G (Cress 9-3, Wasylik Swinehart 9-4)
- 17825 MALTA DW Cyclops; 1311-1320 FF nx to Africa (Gaffin 8-13)
- 17835 PORTUGAL RFE; 2045-2050 Czech talks via LP (Padula-AUST 9-1)
- 17840 ASCENSION IS BBC; EE WS px 1521, was S9+ when sudden ionospheric disturbance hit and quickly faded to nothing; fully recovered by 1545 (Hauser 8-21)
- 17855 CHINA RP; 0130-0215, 0300-0320 EE to NA, comtry, F-G (Several)
- 17860NF FRANCE RFI; 1555-1605, 1728 FF, EE px, IDs, beamed to Africa (Jones, Earhart 8-16)
- 17870 LIBERIA VOA Monrovia; 1613 EE nx (Beal 8-18)
- 17875NF USA WYFR; yet another NF, noted 2309 w/SS rel px //15215; sked 2100-2300 EE, 2300-0045 SS (Hauser 9-7)
- 17880 MALAYSIA BBC Tebrau; 0005-0015 EE WS px, nx, TC, etc., F (Beal)
- 17880 JAPAN RJ; 0200-0215 EE nx, talk abt Tokyo, etc. (L'bgck, Sw'hart)
- 17900 AS RSFSR RM Vladivostok; 0100-0155* EE to NA, nx, comtry, orch mx, IDs, etc., P-G (Schwartz, Swinehart 9-4, Thompson 8-23)
- 17900 VATICAN VR; 1700-1714* EE rel px, interviews, F (Several)
- 17920 EGYPT RC; 1345 EE to Asia, comtry, Western mx, P w/fading(Cohen)
- 17940NF USA VOA; 1608-1612 EE //17815, "Voices of Africa" px, F (Earhart 8-16) Another AM-mode "feeder"? - ed.

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 Had to do some severe editing due to time limitations. Support for this column continues to be outstanding and your editor thanks you. Now, what about you people who haven't been helping out? 73's Andy Robins

BAD GUYS MEETING: Next meeting of Boston Area DXers to be November 16, 1975 with Mark Scannell, 20 Ridgewood Drive, Norwood, MA 02062. There will be \$1.50 cover charge, send checks or money orders before November 1 to Frank A. Testa, 193 Chatham West Drive, Brockton, MA 02401

HELPING HAND: For sale. First two years of SPEEDX - 24 issues, no partial sales. First offer of a \$10.00 bill takes. Write first, don't send money. Contact Ed C. Shaw, 311 Rosebud Lane, San Diego, CA 92114.

HELPING HAND: To trade. 36 issues of RADIO BROADCASTING NEWS from July 8, 1922 to March 11, 1923. Will trade for back issues of FRENDX prior to 1973. Memorabilia buffs take note. Contact David Walcutt, 204 S. Dixon, Carbondale, IL 62901 or call 618/549-1232.

QSL POLL: Walt Sharp of South Jersey Short Wave Club, 1301 Morgan Avenue, Cinnaminson, NJ 08077 asks for your favorite QSL card and SW station. All DXers are requested to send him a post card before December 15, 1975 and results will be published by cooperating DX club bulletins.

HELPING HAND: For sale R390A, contact Bill Whitacre, 2609 Devonshire, Lansing, MI, 48910 for details.

PUBLISHERS NOTE: Neal Perdue's Antenna survey will not appear this month, it will reappear next month with a special bonus, construction of a multi-band wire antenna, for about \$5-\$6.

Late Flash: letter/postcard received from R. Veritas, 9/27, apologises for not responding sooner, QSL's not printed yet but will send when printed. V/S Margaret Cheng, Audience Relations Officer, not a veri but notification that one is coming. Correct address as per card, Radio Veritas Overseas, P.O. Box AC-373, Quezon City Philippines. Also veri in for 2 year old report from R. Nepal. 73' Al Mayer 9/27/75

Topline tip. . . Word comes out of California via Stockholm that HEC-71, VOICE OF THE CHINESE AIR FORCE, Taiwan, has confirmed operation on at least one previously known frequency, 7260 kHz. Mike Hardester, reporting in the bulletin "Shortwave News", DSWCI, lists the current V/S as one Wang Min-Tao. Considering the foggy Taipei broadcasting situation, every scrap of information helps. WRH lists 3.5 kilowatts.

DX

Next deadlines:
10/9 and 10/23



Hotline

•Editor: Ralph W. Perry

201 E. Cook, Apt. 416, Libertyville, IL. 60048

Solomon Islands - With independence of PNG, the portion of the SI formerly administered as part of the region by Australia (Bougainville) declared its independence from Papua New Guinea -- but it's not expected to "stick". (Don Jensen, Larry Talbot)

Angola - Richard Ginby in the recent Danish bulletin tries to sort out the ephemeral shortwave situation in this nation. R. Cl. Uige is now on 4970 kHz. R. Cl. Cabinda is on 4860 kHz, transmitting (to make things difficult) a program called "A Voz de Cabinda" until AVDC gets its own xstr operational.

Turks & Caicos Islands - VSI Radio, 4788 kHz, hrd 9/17 at 0005 with DJ pgm and hurricane rpts. Poor. Audible after Mali shutdown. (Jim Zabransky)

Cape Verde Islands - R. Barlavento, 3930 kHz, in Portuguese with classical mx at 2341. ARO QRM terrible! (Al Miller) Nice, AL. Anybody -- 0000* or 0100*? (-rwp-)

Somali Rep. - Everybody and his brother has Mogadiscio up on 31 meters...R. Mogadiscio usually through QRM from 1830, vocals, stringed accompaniment, ID 2045 f/by IS by orch and into mx, closing 2101A after half minute anthem. (Hadley Cress) Heard last two days 2045-2100*, presume 100 kW, chants, into mx by OM at 2048, ID at 2100 with word "Somali" very clear four times. Off to NA of IL singing with slow drum beat. Tnx to Al Miller for phone tip. (John Moritz) Ditto (Al Miller, who started the whole mess, hi)

Sierra Leone - SLBS, 3316 kHz, roaring in with mx at 2325 9/16 f/by unusual chanting, closing anmts, NA and 2335* All in EE. (Miller)

Malta - Broadcasting Malta via R. Mediterranean, 15-minute pgm called "Malta Calling" from 2045-2100 on Sats., EE magazine format hosted by Norman Hamilton. Marvelous scripting, probably the most cram-packed quarter hour on shortwave. (-rwp-) 9755 kHz

Togo - Lama-Kara is issuing the DX world a challenge. First, hear it through Guinea on 6155 kHz. Then, try to get a QSL. New at the verification game, station director E. Eklou has had stenciled off a FF response letter which says thanks, and here's our sked. However, there's no verie statement anywhere. Tain't what it appears. (-rwp-)

Papua-New Guinea - 3290 kHz, R. Central Dist., 1100 So. Seas mx, pidgin anmts (Miller)

Propagational picks. . . Solar activity should be low to very low during the October 1-15 period, with flux figures ranging in the 70s and 80s. Geomagnetic activity may run in the A8 - A15 range during the first week of the period, dropping to an average of below A7, 9-13 Oct. At the end of this period, A-indices in the high teens to mid-20s are likely. Best Bet: check improved sub-5 kHz Indo reception in first week of October.

Guinea-Bissau - noted on 5040 with nonstop lively African mx from 2330-0000. YL w/PP anmt, couple mtns of Bissau, into NA and 0003* Vy strong and clear. Nothing hrd on 6240 kHz. (Moritz) RN de Rep. de Guinea-Bissau noted regularly on 5041 kHz between 0625 and later. No sign of pgming on 6240. (Bill Paschke) Ditto (-rwp-)

Jordan - 7155 kHz, Amman, noted here at gud lvl tho hampered by hams. Pgm of AA drama or play from 2148-2215. HIC No. 113. (Moritz)

Dahomey - LV de la Renovation, 4870 kHz, *0508 with tam-tam IS, French ID and into local mx. Poor w/RTTY QRM. (Zabransky)

Martinique - Fort de France, 3315, noted at s/off 0300 with "LM" and also at 1000 s/on with ID per IL, "Ici F. de France." (Jack Jones) When do you sleep, OM? hi

Muscat & Oman - 11890 kHz, Radio Oman hrd 9/9, good lvl, w/light mx and anmts in AA and EE at 1330 (Gregg Calkin, cabling from Pakistan, via NU) 4965 kHz, R. Oman noted 9/5 at 1431 with EE anmt for test; blocked by return of the usually present ute a t 1433. Faint traces of same anmt by YL hrd at 1555 as ME propagation improving. Apparent sign/off at 1600. (Robert Ico, Australia, via NU) 11890, Arab noted 1550 to 1657 sunk in mad, chants and tlks. BBC MS mtns Saudi Arabia here, but if them, strangely not // to Riyadh on 11865 kHz. No claims on logging Oman, however. (-rwp-) Intermittent cks 1430-1700 but just a weak carrier so far. (John Tuchscherer) 11890, extremely weak signal found at 1617. Definitely tkg by man in AA with weird stringed instrument. Gone by 1622. Fq blocked by Moscow carrier 1640. (Jerry Berg, via NU)

N. Korea - Pyongyang finally noted here, on 9420 kHz, with YL in EE at 1020. Pgmng commentary, mx and segment on Korean communist party. Quoting this fq and 11535, plus MN fq. Into NA and off by 1048. Vy strong but mucho static. (Moritz) John, if you enjoyed trying to hear them, you're going to love waiting for that QSL...

Sicily - RAI 6060 kHz, believed Caltanissetta QTH, from 0030 to beyond 0130. Nk in FF and GG, then opera mx, 0100 Italian mx and EE ID. (Ed Insinger)

Gambia - Regular lately is Radio Gambia, 4820 between 0626-0715, normally EE and wern IDs at 0630 f/by monotonous chants to 0659 ID and into BBC Wld-Nx. (Paschke)

Indonesia - Vo Indonesia, Jakarta, hrd on new 9710 with EE at 1100, // 11790. (Victor Jaar) 3385t, RRI-Kupang, II tlks with YL reading mx at 1134 and orchl selection of "Old Spinning Wheel" (Miller) I wish this was indeed the case, Al, since I could use Bali and Lesser Sunda -- however, I suggest this is Rabaul, which has been bombing.

Mozambique - 4895 kHz, RCM-Beira, afro mx and OM tlks in Swahili at Q428 (Miller)

Equatorial Guinea - Bata, 4926, Q440 weak but in the clear. Did someone say that this was gone? (Ed Shaw)

Peru - 5005, R. Jaen, gud OM modulation 0535 9/14 through moderate noise (Shaw) Quillabamba, 5026 kHz, OM hosting class mx show Q450-0522* Flute mx (Shaw) 4940, R. Nacional, "Noticias Nacionales" by OM & YL on 9/10 at 1132 (Jones) 4807, R. Pop. Independiente is apparently the Ecuadorian back on its old fq. Andean mx and several mtns of Popular during anmts but couldn't tell if intended as an ID. Sounds like the same type of pgms and anmts hrd from this one on 4800 until recently (Bill Sparks)

Mexico - XEQM, 6105, ID calls, fqys and many cmls in SS 9/14 at 1231 (Jones)

Philippines - Vo. Philippines, 9580, 0849 EE "VOP Mailbox" letterbox show (Jones)

Tibet - Lhasa, 5935, Literally boomed in at 1355 for 6-7 mins before taking nosedive into noise. Fantastic peak of 20+ dB. (Shaw)

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AND NOW, A WORD FROM YOUR SPONSOR...I promise this will be the last time I steal away precious space to gab. (Be forewarned -- I break my promises, hi). As an intro, I am a 9-year Dixer, married, 24 yrs old, former SMC ed and write for a midwestern metro daily paper. HIC/VIC 202/188. Likewise, let me intro this section. The NASWA Flash-Sheet was, in my mind, totally a creature of its editor par excellence, Al Niblack. Nobody fills his shoes, so FS retires with Al. The DIX will be what it's name implies: intended for the Dixer rather than just the listener, and to fulfill this type of hobbyist's needs, streamlining and heavy editing which allows last-minute preparation of the section is necessary. Taking the "meat" of the loggings and foregoing alphabetization (we are big boys now), I am able to get the very latest into print at the very last minute. If some of your items get the blue pencil, don't work up a sweat about it. There is nothing personal in it. We will attempt to keep this rather professional, gents. Last minute calls to (312) 362-3092. And hey, don't call me after 0330 GMT unless you've got Cookit!

Larry ABRAHAM, Bridgeport, MI (HQ180A)...Tom ALLEMAN, St.Louis,MO (SX190)
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 (SX-190)...Dave EWING,Springfield, IL...Marlin FIELD, Hillsdale,MI (SX100)
 Tony FIELDS, Kalamazoo,MI (DX150A/SX100/GR54)...Dennis FILKA, ParmaHeighths,
 OH (DX-160)...Henry FINO, Rochester,NY (1936 RCA Victor Console)...John
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 Australia (Trio 9R59D)...John FYSH, Melbourne, Vic., Australia (Trio 9R59DS)
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 (SPR4)...Jerru WORD, Carrollton, GA (DX-150A)...Robert YAJKO, Leechburg, PA
 (DX-160)...Robert ZILMER, Milwaukee, WI (SPR-4)...Apologies to Charles
 H. BRUNNER, Salford, PA and Brian PRICE, Lexington, KY who were not listed
 in the September list of credits. A total of 83 reporters this month.
 29 for QSL Report, 42 for LR-A, 44 for LR-B and 46 for LR-C. Thank you
 gentlemen.

1975 ANARC CONVENTION IN MONTREAL (photos courtesy; Bill Whitacre)



ABOVE- Ian McFarland being presented with International Man of the Year award by Dave Browne at Sat. night banquet.



ABOVE- Equipment displayed by Gilfer Associates (Perry Ferrell), including Drake SSR-1 and Harlow-Wadley XCR-30.



UPPER LEFT- Sunday at the convx w/Dave Browne and Ian McFarland at the head table. UPPER RIGHT- Again Sunday w/ Steve d'Adolf reporting on ANARC committees, also Dave Browne and Ian at head table. LOWER LEFT- Banquet night, on the ends of the table are the SWL Intl. members who arranged the convx, next in from both ends are Mr. and Mrs. John Ramsey and in the center; Dave Browne and Ian McFarland.

Please excuse the poor quality of the pix, but I never claimed to be a great photographer. Hopefully, these will turn out good enough so that you can see what you missed by not coming to this years convx/ so come next year and don't be left out.

NASWA

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